HYVA®
We move your world

TRUCK-MOUNTED CRANES

# RAISE YOUR GAME
# HYVA PERFORMANCE

## THE PERFECT SOLUTION FOR APPLICATIONS ON ALL VEHICLES

hyva.com

Franchini service

HYVA
70
80

# We Move your World

From light, compact machines, to solutions which deliver the ultimate levels of precision and lifting capacity, Hyva truck-mounted cranes are all built on the foundations of high performance, reliability, ease of use and safety. That's why they're among the most widely-used loader cranes in the world.

KENNIS ROLLOADER CRANES

Allowing the operator to cover a wide area with a limited number of extensions, Kennis cranes offer a number of significant advantages, including shorter loading and unloading times, high proximity to the load and high payloads. The crane can easily be removed from the trailer and installed on another. The roller cranes from Kennis (cranes by Hyva) are reknown for their reliability and durability.

**Hyva: Your Trusted Partner.**

# Hyva Worldwide

Founded nearly forty years ago, Hyva is today one of the world's leading providers of innovative and highly efficient transport solutions for the commercial vehicle and environmental service industries. With over 25,000 customers and over 40% of the global hydraulic solutions market, the company operates in more than 130 countries, has 37 fully-owned subsidiaries, and a manufacturing base that includes production facilities in twelve countries, including Brazil, China, Germany, India and Italy. We are committed to the development, production, marketing and distribution of solutions for the movement and transportation of goods.

The growth and success of Hyva is built on two key aspects of its operation: the quality and innovative nature of the company's solutions, and the excellence of its customer support. The first of these, product quality, is illustrated by the fact that Hyva today offers the strongest front-end hydraulic

telescopic cylinder in the world, as well as a full range of double acting cylinders, fixed mounted and rolling truck cranes, container lifting systems (hookloaders and skiploaders) and waste collection units. They are solutions which are used worldwide across a range of sectors including transport, construction, mining, materials handling and environmental services providers.

Service quality, too, is a fundamental part of the Hyva business philosophy: with operations in more than 130 countries, the company operates one of the world's most extensive customer support networks in the industry. It is a network which has earned Hyva an international reputation for excellence in customer care.

# Full range of applications with Hyva Cranes

Building

Construction

Oil&Gas

Mining

Rental

Logistic

Gardening

Power station

Maintenance

Waste handling

# Raise you game with our complete line of cranes


**HA** — From 1 to 7 tm class. Compact telescopic cranes. **Page 24 to page 35**

**HT** — From 9 to 24 tm class. Telescopic cranes: easy to use. **Page 36 to page 43**

**HB** — From 3 to 70 tm class. User-friendly articulated cranes. **Page 44 to page 77**

**HB-R** — From 133 to 166 tm class. Large, user-friendly articulated cranes. **Page 78 to page 85**

**HC** — From 9 to 165 tm class. Best in class articulated cranes. **Page 86 to page 159**

**HV** — From 3 to 22 tm class. Cost and Performance perfect solutions. **Page 160 to page 169**

**MAN BASKET** — From 5 to 7 tm class. Telescopic cranes with self-aligning basket. **Page 170 to page 173**

**FFB** — From 1 to 5 tm class. Specialized cranes for agricultural tractors. **Page 174 to page 179**

**HZ** — From 4 to 27 tm class. Specialized cranes for timber and recycling applications. **Page 180 to page 201**

**KENNIS CRANES BY HYVA** — From 13 to 40 tm class. Rolloader cranes. **Page 202 to page 211**

# Environmental protection

**As part of our corporate responsibility Hyva Crane is dedicated to protect the environment.**

## Painting filter

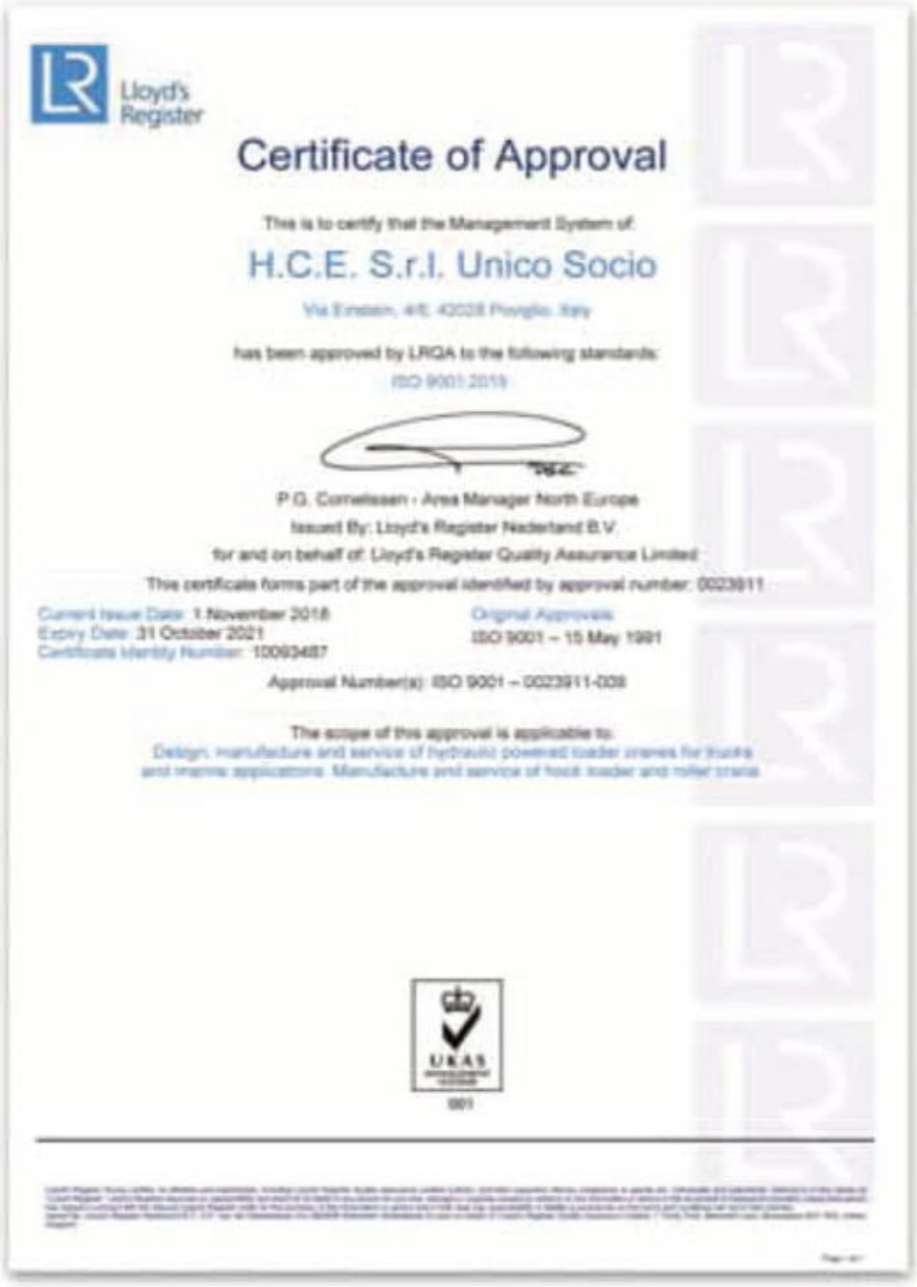
The air in and around the painting area is passed through a series of filters to remove the harmful chemicals from the air. Air quality is checked regularly to confirm correct operation of the system.

## Heating system

Large spaces are more efficiently heated from below, rather than from above. In-floor heating is installed in most of our production area to make the most efficient use of energy.

## ISO14001 Certification

Hyva Crane is a certified ISO 9001 and ISO 14001 company by Lloyd's Register Quality Assurance (LRQA): the world's leading provider of independent assessment services including certification, validation, verification and training across a broad spectrum of standards and schemes, with recognition from over 50 accreditation bodies.



Lloyd's Register

Certificate of Approval

This is to certify that the Management System of:

H.C.E. S.r.l. Unico Socio

Via Einstein, 4/6, 42028 Poviglio, Italy

has been approved by LRQA to the following standards:

ISO 9001:2015

P.G. Cornelissen - Area Manager North Europe

Issued By: Lloyd's Register Nederland B.V.

for and on behalf of: Lloyd's Register Quality Assurance Limited

This certificate forms part of the approval identified by approval number: 0023911

Current Issue Date: 1 November 2018
Expiry Date: 31 October 2021
Certificate Identity Number: 10093487

Original Approvals:
ISO 9001 – 15 May 1991

Approval Number(s): ISO 9001 – 0023911-009

The scope of this approval is applicable to:
Design, manufacture and service of hydraulic powered loader cranes for trucks and marine applications. Manufacture and service of hook loader and roller crane.

UKAS

001

## Preserving the earth for future generations

ISO14001 certification achieved by the factory in Poviglio (Italy) allowed Hyva Crane to contribute to protect and preserve the environment in which we live.

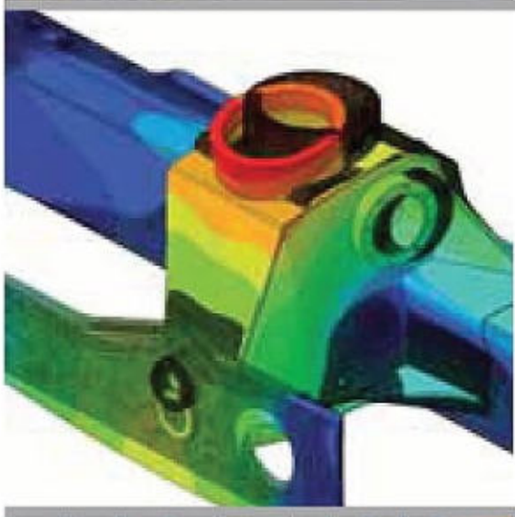
In the last five years we have saved 212* tons of paper and preserved 3,180 trees. We have recycled 200* tons of wood. We saved 93,280,000* litres of drinking water. We recycled 58* tons of plastic saving 193* tons of oil.
In the last five years we saved 1,611,200* kwh and we recovered 183* tons of iron. We reduced CO2 emission in the air by 25%*.

* Certified source

# From concept to field

## Crane Design

Our reserch and development department uses the latest technology to design new products.
Each individual component of the crane is designed using a 3D CAD system which can test crane movements and ensure that it has a functional geometry.



## Structural verifications

During the design phase, FEM (Finite Element Method) is used to analyse the crane structure and loading conditions and obtain strenght-to-weight optimisation.

## Prototype development

Each component is checked for conformity to specification and assembled in a dedicated and specially equipped prototyping area.
And, every step is documented, with photographs, for precise tuning of the assembly process once it goes into production.

## Tested in all conditions

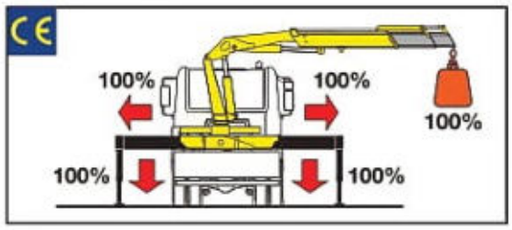
Once assembled, every aspect of the prototype is fatigue tested.
Every operating parameter is monitored by computer to detect any anomalies. Each prototype is subjected to up to 600,000 cycles of loading, to simulate 10 years of normal crane operations.

# Field test

New cranes are delivered to expert users to be used in real, day-to-day operating conditions, including heavy duty applications.
Direct communication between the user and R&D allows feedback for improvements.
Cranes are launched only after a complete field testing programme.

# Stability control systems (CE)

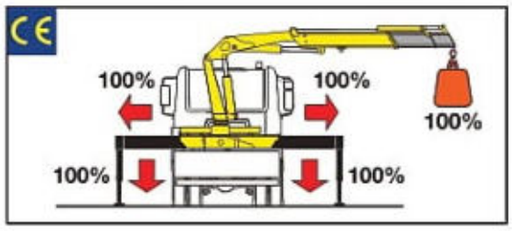
## HS System




The **HS System** integrated in the load limiting device checks the stabilizers' positions. Only when all beams are fully open and all stabilizers are on the ground the crane can operate and lift loads.

**Control display**

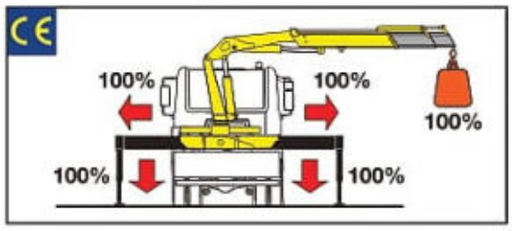
## HM System




The **HM System** integrated in the load limiting device checks the stabilizers' positions. Only when all beams are fully open and all stabilizers are on the ground the crane can operate and lift loads.

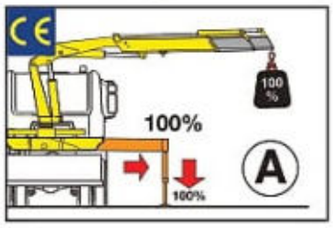
**Control display**

## HML System



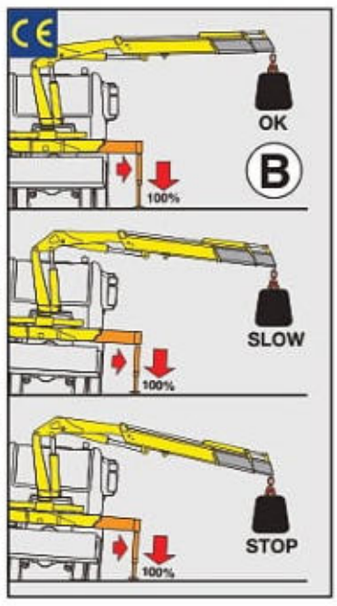

The **HML System** integrated in the load limiting device checks the stabilizers' positions. Only when all beams are fully open and all stabilizers are on the ground the crane can operate and lift loads.

## HL System




The **HL system** checks the stabilizers' positions and the truck's inclination.

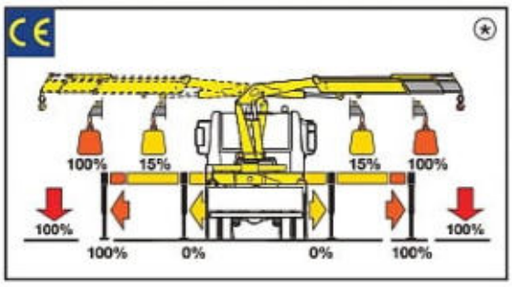
According to the beams' positions, the system allows two operating modes:
**Mode A** - all beams fully open and all stabilizers feet on the ground.
**Mode B** - stabilizers on the ground only.



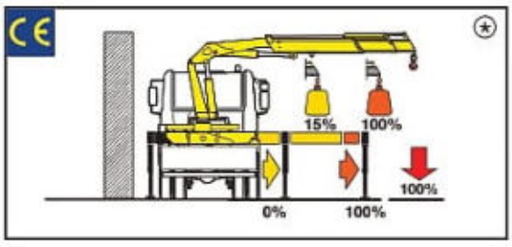

In **mode A**: the load limiting device stops the crane when the crane reaches 100% of the nominal capacity.
In **mode B**: a dedicated sensor monitors the truck's inclination. The load limiting device stops
the crane before it reaches an inclination angle dangerous for stability, or when the crane reaches its nominal capacity.

**Control display**

# HXL System



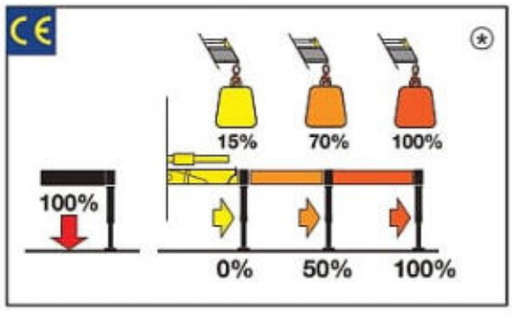
The **TCU** checks the positions of the stabilizers beams, monitoring for two possible positions: beam fully open, beam not fully open.
Depending on the position of the beams and the stabilizers, the crane's lifting capacity changes according to the setting made by the installer. This allows the operator to use the crane even with a beam partially or fully retracted without having stability problems.




## Optional HRCS

The Rotation Control Sensor constantly checks the slewing position of the crane and limits the lifting capacity depending on the beams' and the stabilizers positions.

# H2XL System



The **TCU** checks the positions of the stabilizers and divides the working area into 4 slewing sectors: over the cabin, right side, left side and the rear of the vehicle.
Depending on the position of the beams and the stabilizers, the crane's lifting capacity changes according to the settings made by the installer. This allows the operator to use the crane even with a beam partially or fully retracted without having stability problems.

**HPES** The **HPES** (Proportional Encoder Sensor) recognizes 3 positions of the stabilizers' beams: fully open, half extended, fully closed.

**HRCS** The **HRCS** (Rotation Control Sensor) recognizes 4 slewing sectors: over the cabin, right side, left side, to the rear of the vehicle.

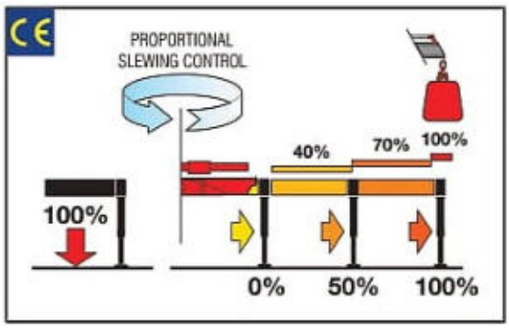
*The **CAN-BUS** radio-control allows the operator to know the positions of the stabilizers and the loading conditions of the crane.*

***With manual opening stabilizers, the H2XL System only recognizes completely open or completely closed beam positions.***

*The percentages present in the pictures are merely examples and they have no bearing on the cranes' real lifting capacities. The cranes' real lifting capacities will depend on truck's stability.*

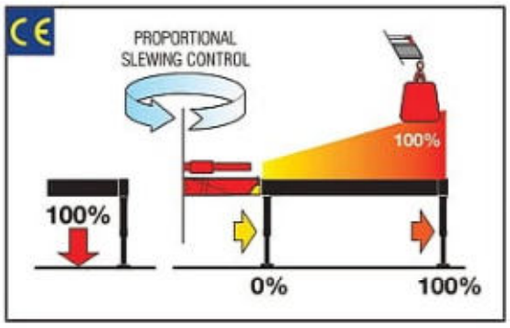
# Stability control systems (CE)

## H3XL System




With a 3" TFT display and ergonomic keyboards,the operator can supervise the crane working and select the best parameters for effective use.
The system controls the stability with 3-step beam outreach monitoring and continuous slewing control.

## H4XL+TOP System



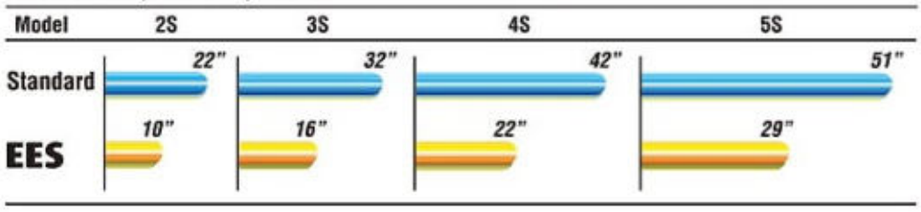

A 7" colour display with integrated keyboard gives the operator a
higher level of awareness of the crane operation and allows selection of the best parameters for effective use.
The system detects the exact position of the beams and proportionally calculates the stability.

# Technical features

## EES Extra Extension Speed

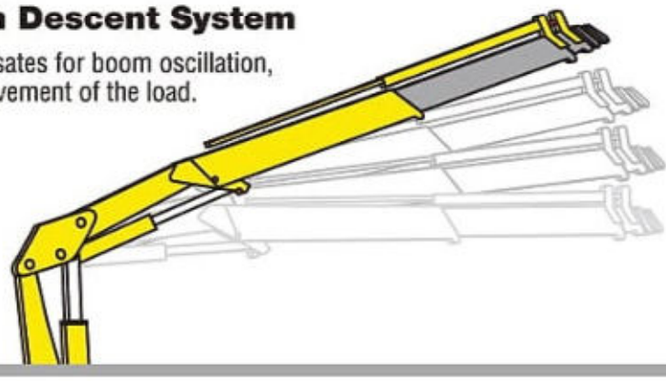
A special regenerative valve re-uses oil during extension, ensuring an incredibly high speed without compromising the safe operation of the crane.

**Extensions speed comparison**




## SDS Smooth Descent System

This system compensates for boom oscillation, ensuring smooth movement of the load.



## TCU Total Control Unit

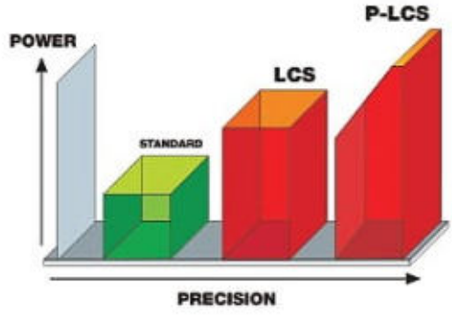
TCU is a monitoring system designed by Hyva Crane to control all aspects of crane operation, including control of accessories. A display shows the user the state of the crane and easy on-board diagnostics allow the technician and dealer to inspect the activities of the crane.

## LCS Lift Control System

Lift Control System increases the capacity of the crane up to 10% by reducing the speed when the crane is near its maximum lifting capacity.

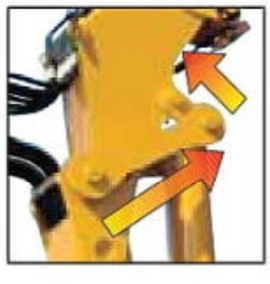
## P-LCS Proportional Lift Control System

The proportional system increase the capacity up to 15% by a proportional speed reduction when the crane is near to the maximum lifting capacity.




## LAS Liftrod Articulating System

Thanks to the connecting rods the lifting capacity of the crane is constant in all boom positions.



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MT

# Magic Touch

## Focus on innovation

A graphic display which allows the driver, after truck stabilisation, to automatically fold (from any position to transport position) and unfold (to working position) when required. This easy-to-use function improves driver attention, promotes safe operation, saves time and can increase productivity.

# DLD Dynamic Load Diagram

## Focus on innovation

A new system which allows the driver to verify in advance the crane lifting capacity based on the truck stability. The operator can select the weight and, according to the stabiliser positions, the system calculates the stability all around the truck. A graphical display shows the outreach available for the load selected and the actual boom slewing position. This system, a first on truck-mounted articulated cranes, optimises stabilisation and makes crane operation safer and more efficient. Easy to use, saves time and improves safety through better crane stabilisation and avoidance of border line working conditions.

# Radio Remote Controls

## *Single hand proportional system*
## *The power in your hands*

**Functionality**
Proportional speed control of any single movement

**Safety**
Stabilizer control by radio

Proportional speed control

**Ergonomic**
Compact dimensions and reduced weight

**Comfort**
Single-handed control of every crane function

**Batteries type AA standard**

Pressure compensated inlet section: BOSCH

## *Multifunction radio controls*

A wide range of radio control can be chosen: Scanreco and Hetronic

**Hetronic Not CE**

**Scanreco**

**CAN-Bus**

**Hetronic CE Basic**

Operator can control the crane with high precision and fully supervise the loading and unloading operations.

- *Multifunction remote control*
- *Protected against radio interference*
- *Move around the truck freely*

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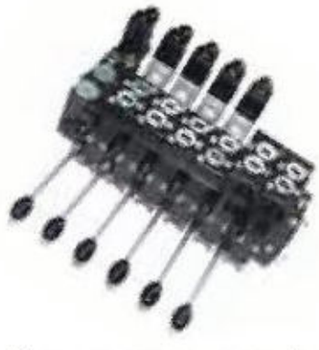
**Hetronic CE Graphic**

4" TFT HD color display to keep the crane always under control



Pressure compensated control valve: HAWE PLS2

Pressure compensated control valve: SAUER DANFOSS PVG32

# EDGE LINE RAISE YOUR GAME

## NEW EDGE line cranes from Hyva, cutting edge innovation for 1st class lifting experience.

A new control station, incorporating both crane and stabiliser controls, has an ergonomic working position and user-friendly interface which delivers better operator efficiency and safety together with improved productivity.

Dynamic Load Diagram allows advance verification of the crane lifting capacity based on the truck stability, and, Magic Touch allows automatic folding and unfolding to transport and working positions.

There are several options for radio remote control and a wide range of stabiliser configurations to ensure safe positioning of the truck in all ground conditions.

The wide slewing angle, 425°, is best-in-class for medium sized cranes. And, with an extensive range of accessories and attachments, the cranes are suited to a wide range of applications.

Durability and lifetime value too is high with enhanced resistance to adverse environmental conditions as a result of a long life painting process, anti-corrosion treatments on non-painted components, protected rubber hose tracks and assembly of components using specialist tools.

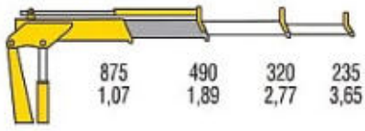
# HA

## HA 10
## HA 14
## HA 15
## HA 21
## HA 22
## HA 27
## HA 28
## HA 33
## HA 50
## HA 70

**Line of telescopic cranes made to satisfy customers in need of a crane which is compact, light and easy to operate**

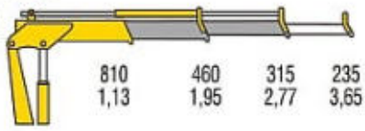
# HA 10

**HA10 E1**



| kg | 875 | 490 | 320 | 235 |
|---|---|---|---|---|
| m | 1,07 | 1,89 | 2,77 | 3,65 |

**HA10 E2**

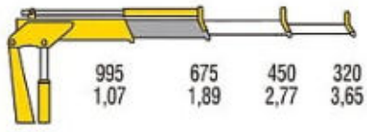


| kg | 810 | 460 | 315 | 235 |
|---|---|---|---|---|
| m | 1,13 | 1,95 | 2,77 | 3,65 |

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HA10 E1** | 0,94 | 3,01 | 328 | 16 | 3 | 180 | 145 | 17,5 | 5 | 595x1240x370 |
| **HA10 E2** | - | 3,85 | 328 | 16 | 3 | 180 | 164 | 17,5 | 5 | 647x1240x370 |

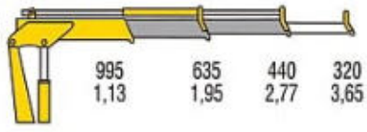
# HA 14

**HA14 E1**



| | | | | |
|---|---|---|---|---|
| kg | 995 | 675 | 450 | 320 |
| m | 1,07 | 1,89 | 2,77 | 3,65 |

**HA14 E2**



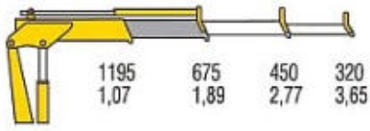
| | | | | |
|---|---|---|---|---|
| kg | 995 | 635 | 440 | 320 |
| m | 1,13 | 1,95 | 2,77 | 3,65 |

**For CE markets only**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HA14 E1** | 1,28 | 2,98 | 335 | 10 | 3 | 160 | 174 | 17,5 | 8 | 620x1241x430 |
| **HA14 E2** | - | 3,80 | 335 | 10 | 3 | 160 | 193 | 17,5 | 8 | 672x1241x430 |

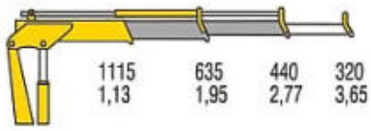
# HA 15

**HA15 E1**



| kg | 1195 | 675 | 450 | 320 |
|---|---|---|---|---|
| m | 1,07 | 1,89 | 2,77 | 3,65 |

**HA15 E2**

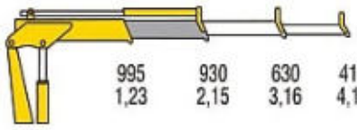


| kg | 1115 | 635 | 440 | 320 |
|---|---|---|---|---|
| m | 1,13 | 1,95 | 2,77 | 3,65 |

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HA15 E1** | 1,28 | 2,98 | 335 | 10 | 3 | 160 | 174 | 17,5 | 8 | 620x1241x430 |
| **HA15 E2** | - | 3,80 | 335 | 10 | 3 | 160 | 193 | 17,5 | 8 | 672x1241x430 |

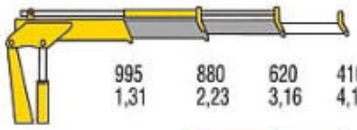
# HA 21

**HA21 E1**



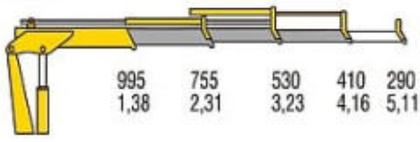
| | | | | |
|---|---|---|---|---|
| kg | 995 | 930 | 630 | 410 |
| m | 1,23 | 2,15 | 3,16 | 4,12 |

**HA21 E2**



| | | | | |
|---|---|---|---|---|
| kg | 995 | 880 | 620 | 410 |
| m | 1,31 | 2,23 | 3,16 | 4,12 |

**HA21 E3**



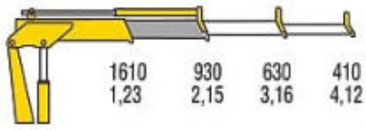
| | | | | | |
|---|---|---|---|---|---|
| kg | 995 | 755 | 530 | 410 | 290 |
| m | 1,38 | 2,31 | 3,23 | 4,16 | 5,11 |

**For CE markets only**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HA21 E1 | 2,00 | 3,56 | 335 | 10 | 3 | 160 | 216 | 17,5 | 8 | 695x1521x430 |
| HA21 E2 | - | 4,51 | 335 | 10 | 3 | 160 | 240 | 17,5 | 8 | 710x1521x430 |
| HA21 E3 | - | 5,15 | 335 | 10 | 3 | 150 | 262 | 17,5 | 8 | 868x1521x430 |

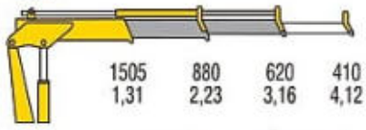
# HA 22

**HA22 E1**



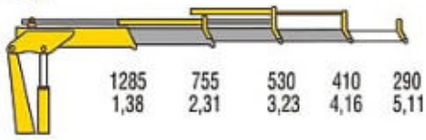
| | | | | |
|---|---|---|---|---|
| kg | 1610 | 930 | 630 | 410 |
| m | 1,23 | 2,15 | 3,16 | 4,12 |

**HA22 E2**



| | | | | |
|---|---|---|---|---|
| kg | 1505 | 880 | 620 | 410 |
| m | 1,31 | 2,23 | 3,16 | 4,12 |

**HA22 E3**

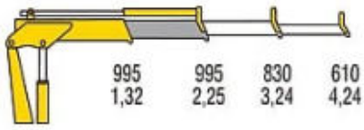


| | | | | | |
|---|---|---|---|---|---|
| kg | 1285 | 755 | 530 | 410 | 290 |
| m | 1,38 | 2,31 | 3,23 | 4,16 | 5,11 |

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HA22 E1 | 2,00 | 3,56 | 335 | 10 | 3 | 160 | 216 | 17,5 | 8 | 695x1521x430 |
| HA22 E2 | - | 4,51 | 335 | 10 | 3 | 160 | 240 | 17,5 | 8 | 710x1521x430 |
| HA22 E3 | - | 5,45 | 335 | 10 | 3 | 150 | 262 | 17,5 | 8 | 868x1521x430 |

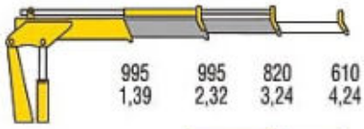
# HA 27

**HA27 E1**



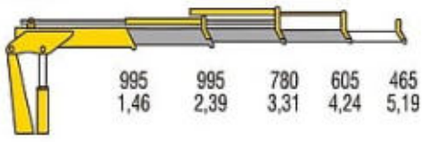
| | | | | | |
|---|---|---|---|---|---|
| kg | 995 | 995 | 830 | 610 | |
| m | 1,32 | 2,25 | 3,24 | 4,24 | |

**HA27 E2**



| | | | | | |
|---|---|---|---|---|---|
| kg | 995 | 995 | 820 | 610 | |
| m | 1,39 | 2,32 | 3,24 | 4,24 | |

**HA27 E3**



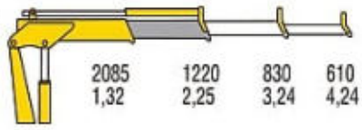
| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 995 | 995 | 780 | 605 | 465 | |
| m | 1,46 | 2,39 | 3,31 | 4,24 | 5,19 | |

**For CE markets only**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HA27 E1 | 2,75 | 3,58 | 335 | 16 | 3 | 160 | 263 | 17,5 | 10 | 730x1587x440 |
| HA27 E2 | - | 4,49 | 335 | 16 | 3 | 160 | 295 | 17,5 | 10 | 753x1587x440 |
| HA27 E3 | - | 5,39 | 335 | 16 | 3 | 160 | 327 | 17,5 | 10 | 753x1587x440 |

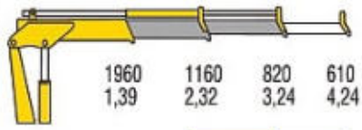
# HA 28

**HA28 E1**



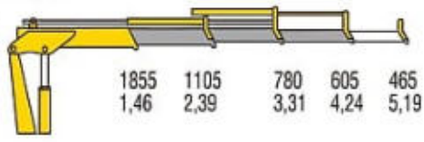
| | | | | |
|---|---|---|---|---|
| kg | 2085 | 1220 | 830 | 610 |
| m | 1,32 | 2,25 | 3,24 | 4,24 |

**HA28 E2**



| | | | | |
|---|---|---|---|---|
| kg | 1960 | 1160 | 820 | 610 |
| m | 1,39 | 2,32 | 3,24 | 4,24 |

**HA28 E3**

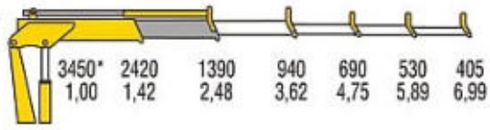


| | | | | | |
|---|---|---|---|---|---|
| kg | 1855 | 1105 | 780 | 605 | 465 |
| m | 1,46 | 2,39 | 3,31 | 4,24 | 5,19 |

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HA28 E1 | 2,75 | 3,58 | 335 | 16 | 3 | 160 | 263 | 17,5 | 10 | 730x1587x440 |
| HA28 E2 | - | 4,49 | 335 | 16 | 3 | 160 | 295 | 17,5 | 10 | 753x1587x440 |
| HA28 E3 | - | 5,39 | 335 | 16 | 3 | 160 | 321 | 17,5 | 10 | 753x1587x440 |

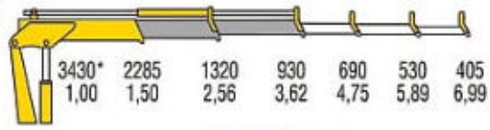
# HA 33

**HA33 E1**



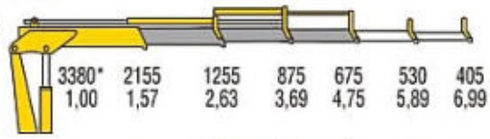
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 3450* | 2420 | 1390 | 940 | 690 | 530 | 405 |
| m | 1,00 | 1,42 | 2,48 | 3,62 | 4,75 | 5,89 | 6,99 |

**HA33 E2**



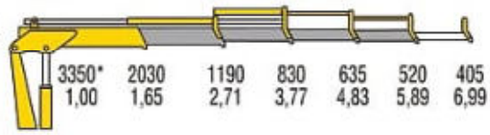
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 3430* | 2285 | 1320 | 930 | 690 | 530 | 405 |
| m | 1,00 | 1,50 | 2,56 | 3,62 | 4,75 | 5,89 | 6,99 |

**HA33 E3**



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 3380* | 2155 | 1255 | 875 | 675 | 530 | 405 |
| m | 1,00 | 1,57 | 2,63 | 3,69 | 4,75 | 5,89 | 6,99 |

**HA33 E4**



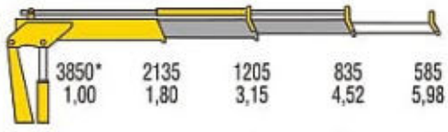
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 3350* | 2030 | 1190 | 830 | 635 | 520 | 405 |
| m | 1,00 | 1,65 | 2,71 | 3,77 | 4,83 | 5,89 | 6,99 |

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HA33 E1 | 3,45 | 3,94 | 395 | 16 | 3 | 175 | 301 | 17,5 | 10 | 976x1702x440 |
| HA33 E2 | - | 4,98 | 395 | 16 | 3 | 175 | 337 | 17,5 | 10 | 1040x1702x440 |
| HA33 E3 | - | 6,01 | 395 | 16 | 3 | 175 | 370 | 17,5 | 10 | 1040x1702x440 |
| HA33 E4 | - | 7,04 | 395 | 16 | 3 | 175 | 399 | 17,5 | 10 | 1040x1702x440 |

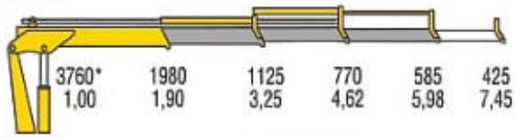
# HA 50

**HA50 E2**



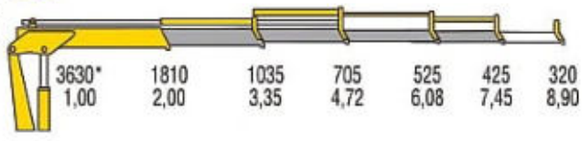
| | | | | | |
|---|---|---|---|---|---|
| kg | 3850* | 2135 | 1205 | 835 | 585 |
| m | 1,00 | 1,80 | 3,15 | 4,52 | 5,98 |

**HA50 E3**



| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 3760* | 1980 | 1125 | 770 | 585 | 425 |
| m | 1,00 | 1,90 | 3,25 | 4,62 | 5,98 | 7,45 |

**HA50 E4**



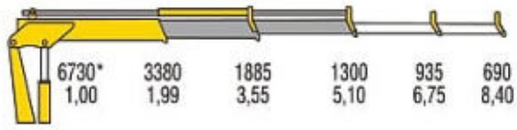
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 3630* | 1810 | 1035 | 705 | 525 | 425 | 320 |
| m | 1,00 | 2,00 | 3,35 | 4,72 | 6,08 | 7,45 | 8,90 |

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HA50 E2 | 3,85 | 7,30 | 380 | 15 | 4 | 220 | 605 | 35 | 16 | 2085x1855x470 |
| HA50 E3 | - | 8,80 | 380 | 15 | 4 | 220 | 650 | 35 | 16 | 2085x1855x470 |
| HA50 E4 | - | 10,20 | 380 | 15 | 4 | 220 | 690 | 35 | 16 | 2085x1855x470 |

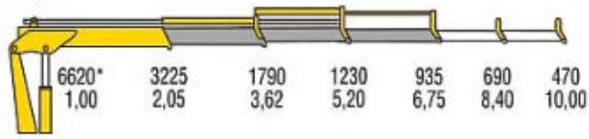
# HA 70

**HA70 E2**



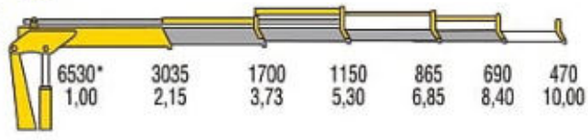
| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 6730* | 3380 | 1885 | 1300 | 935 | 690 |
| m | 1,00 | 1,99 | 3,55 | 5,10 | 6,75 | 8,40 |

**HA70 E3**



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 6620* | 3225 | 1790 | 1230 | 935 | 690 | 470 |
| m | 1,00 | 2,05 | 3,62 | 5,20 | 6,75 | 8,40 | 10,00 |

**HA70 E4**



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 6530* | 3035 | 1700 | 1150 | 865 | 690 | 470 |
| m | 1,00 | 2,15 | 3,73 | 5,30 | 6,85 | 8,40 | 10,00 |

*) Theoretical lifting capacity

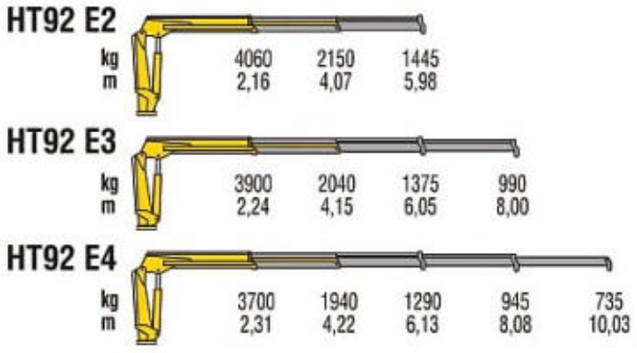
| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HA70 E2 | 6,73 | 7,80 | 387 | 15 | 4 | 260 | 780 | 35 | 18 | 2310x1995x550 |
| HA70 E3 | - | 9,30 | 387 | 15 | 4 | 260 | 840 | 35 | 18 | 2310x1995x550 |
| HA70 E4 | - | 10,9 | 387 | 15 | 4 | 260 | 900 | 35 | 18 | 2310x1995x550 |

# HT

## HT 92
## HT 112
## HT 130
## HT 162
## HT 212
## HT 240

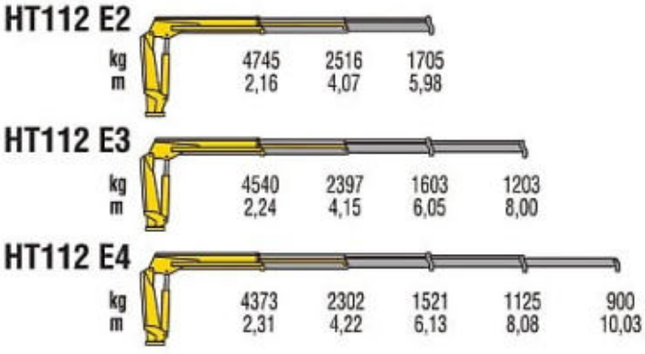
**Designed to be used in a car recovery and in all other applications where a compact, light and easy to operate crane is needed**

# HT 92




| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HT92 E2 | 8,77 | 9,2 | 425 | 20 | 4 | 300 | 945 | 75 | 40 | 2315x2295x825 |
| HT92 E3 | - | 11,1 | 425 | 20 | 4 | 300 | 1040 | 75 | 40 | 2315x2295x825 |
| HT92 E4 | - | 13,1 | 425 | 20 | 4 | 300 | 1115 | 75 | 40 | 2315x2295x825 |

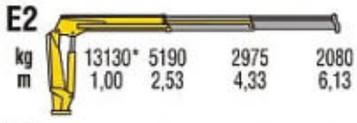
# HT 112



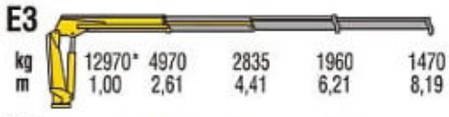

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HT112 E2 | 10,2 | 9,2 | 425 | 20 | 4 | 300 | 1060 | 75 | 40 | 2310x2320x830 |
| HT112 E3 | - | 11,2 | 425 | 20 | 4 | 300 | 1150 | 75 | 40 | 2310x2320x830 |
| HT112 E4 | - | 13,1 | 425 | 20 | 4 | 300 | 1230 | 75 | 40 | 2310x2320x830 |

# HT 130

**HT130 E2**




**HT130 E3**




**HT130 E4**

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HT130 E2 | 13,1 | 9,80 | 425 | 20 | 4 | 285 | 1285 | 130 | 30 | 2475x2300x830 |
| HT130 E3 | - | 11,8 | 425 | 20 | 4 | 285 | 1385 | 130 | 30 | 2475x2300x830 |
| HT130 E4 | - | 13,8 | 425 | 20 | 4 | 285 | 1480 | 130 | 30 | 2475x2300x830 |

# HT 162

**HT162 E2**

| | | | | |
|---|---|---|---|---|
| kg | 16450* | 6500 | 3740 | 2625 |
| m | 1,00 | 2,53 | 4,33 | 6,13 |

**HT162 E3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 16270* | 6235 | 3580 | 2490 | 1870 |
| m | 1,00 | 2,61 | 4,41 | 6,21 | 8,19 |

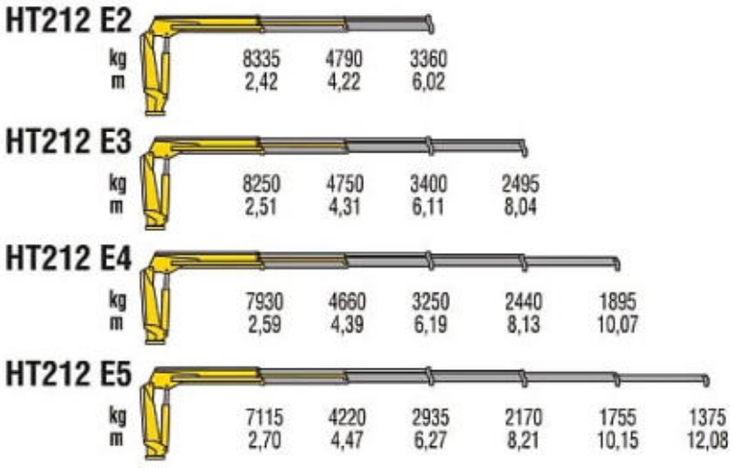
**HT162 E4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 15980* | 5940 | 3405 | 2345 | 1740 | 1390 |
| m | 1,00 | 2,69 | 4,49 | 6,29 | 8,27 | 10,25 |

*) Theoretical lifting capacity

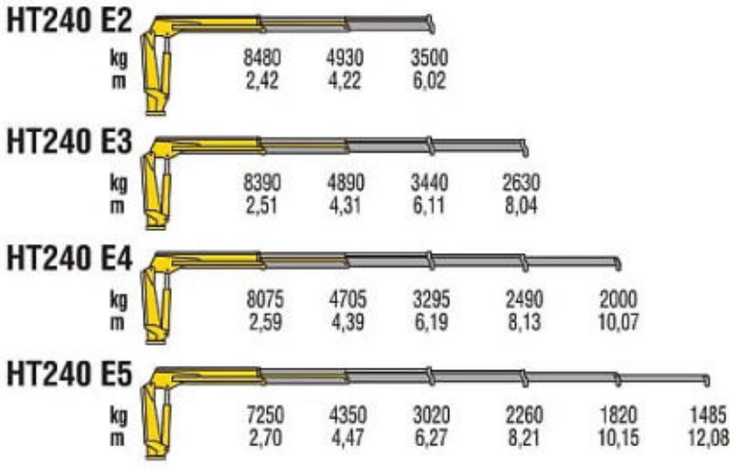
| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HT162 E2 | 16,5 | 9,8 | 425 | 20 | 4 | 290 | 1370 | 130 | 30 | 2485x2300x840 |
| HT162 E3 | - | 11,8 | 425 | 20 | 4 | 290 | 1485 | 130 | 30 | 2485x2300x840 |
| HT162 E4 | - | 13,8 | 425 | 20 | 4 | 290 | 1575 | 130 | 30 | 2485x2300x840 |

# HT 212




| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HT212 E2 | 20,2 | 9,7 | 415 | 20 | 4 | 315 | 1945 | 130 | 80 | 2520x2400x870 |
| HT212 E3 | - | 11,7 | 415 | 20 | 4 | 315 | 2090 | 130 | 80 | 2520x2400x870 |
| HT212 E4 | - | 13,7 | 415 | 20 | 4 | 315 | 2210 | 130 | 80 | 2540x2400x870 |
| HT212 E5 | - | 15,7 | 415 | 20 | 4 | 315 | 2305 | 130 | 80 | 2540x2400x870 |

# HT 240




| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HT240 E2 | 20,5 | 9,7 | 415 | 20 | 4 | 335 | 1945 | 130 | 80 | 2520x2400x870 |
| HT240 E3 | - | 11,7 | 415 | 20 | 4 | 335 | 2090 | 130 | 80 | 2520x2400x870 |
| HT240 E4 | - | 13,7 | 415 | 20 | 4 | 335 | 2210 | 130 | 80 | 2540x2400x870 |
| HT240 E5 | - | 15,7 | 415 | 20 | 4 | 315 | 2305 | 130 | 80 | 2540x2400x870 |

HB 70

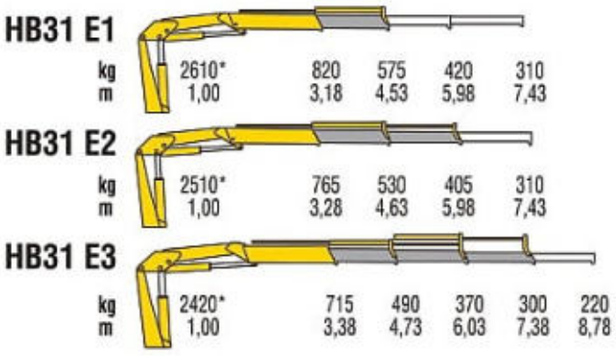
MYVA

# HB

**HB 31**
**HB 38**
**HB 40**
**HB 50**
**HB 60**
**HB 70**
**HB 80**
**HB 90**
**HB 100**
**HB 112**
**HB 120**
**HB 130**
**HB 150**
**HB 160**
**HB 170**
**HB 200**
**HB 210**
**HB 230**
**HB 240**
**HB 250**
**HB 280**
**HB 460**
**HB 700**

**The most versatile and user-friendly crane, simple, efficient and robust**

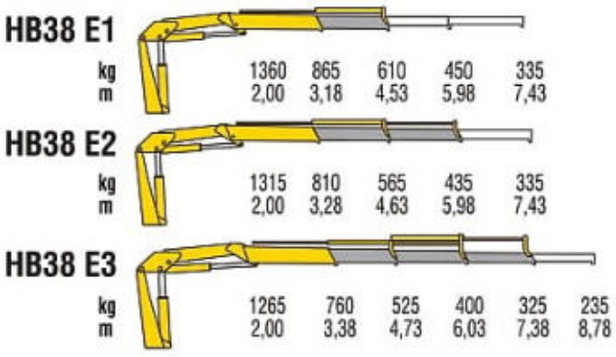
# HB 31




*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB31 E1 | 2,61 | 6,98 | 370 | 10 | 4 | 175 | 390 | 25 | 8 | 1860x1590x490 |
| HB31 E2 | - | 8,32 | 370 | 10 | 4 | 175 | 425 | 25 | 8 | 1920x1590x490 |
| HB31 E3 | - | 9,66 | 370 | 10 | 4 | 175 | 455 | 25 | 8 | 2000x1590x490 |

# HB 38




| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB38 E1 | 2,75 | 7,0 | 370 | 10 | 4 | 185 | 390 | 25 | 8 | 1860x1590x490 |
| HB38 E2 | - | 8,3 | 370 | 10 | 4 | 185 | 425 | 25 | 8 | 1920x1590x490 |
| HB38 E3 | - | 9,7 | 370 | 10 | 4 | 185 | 455 | 25 | 8 | 2000x1590x490 |

# HB 40

**HB40 E1**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 4060* | 995 | 815 | 615 | 470 | |
| m | 1,00 | 3,63 | 4,98 | 6,43 | 7,88 | |

**HB40 E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 3890* | 995 | 765 | 600 | 470 | 340 | |
| m | 1,00 | 3,73 | 5,08 | 6,43 | 7,88 | 9,39 | |

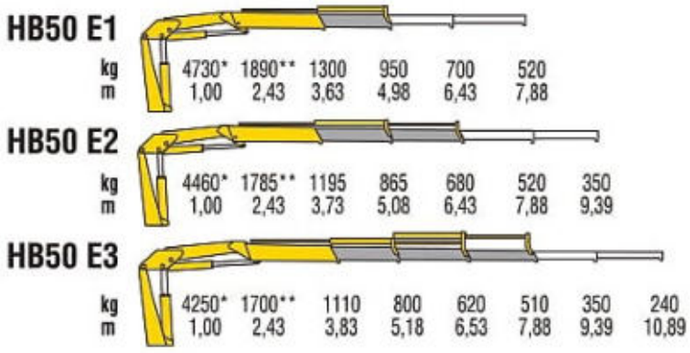
**HB40 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 3810* | 995 | 715 | 555 | 460 | 340 | 235 | |
| m | 1,00 | 3,83 | 5,18 | 6,53 | 7,88 | 9,39 | 10,89 | |

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HB40 E1** | 4,06 | 7,75 | 370 | 15 | 3 | 215 | 515 | 30 | 16 | 1966x1780x500 |
| **HB40 E2** | - | 9,14 | 370 | 15 | 3 | 215 | 560 | 30 | 16 | 1966x1780x500 |
| **HB40 E3** | - | 10,51 | 370 | 15 | 3 | 215 | 600 | 30 | 16 | 2300x1780x620 |

# HB 50




*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB50 E1 | 4,73 | 7,75 | 370 | 15 | 3 | 250 | 515 | 30 | 16 | 1966x1780x500 |
| HB50 E2 | - | 9,14 | 370 | 15 | 3 | 250 | 560 | 30 | 16 | 1966x1780x500 |
| HB50 E3 | - | 10,51 | 370 | 15 | 3 | 250 | 600 | 30 | 16 | 2300x1780x620 |

# HB 60

**HB60 E1**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 6580* | 2680** | 1740 | 1230 | 885 | 655 |
| m | 1,00 | 2,45 | 3,78 | 5,34 | 7,00 | 8,64 |

**HB60 E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 6410* | 2615** | 1650 | 1150 | 885 | 655 | 490 |
| m | 1,00 | 2,45 | 3,88 | 5,45 | 7,00 | 8,64 | 10,30 |

**HB60 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 6160* | 2515** | 1555 | 1070 | 810 | 655 | 490 | 400 |
| m | 1,00 | 2,45 | 3,95 | 5,50 | 7,08 | 8,64 | 10,30 | 11,90 |

**HB60 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 5970* | 2435** | 1475 | 995 | 745 | 590 | 495 | 400 |
| m | 1,00 | 2,45 | 4,05 | 5,60 | 7,20 | 8,73 | 10,30 | 11,90 |

*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HB60 E1** | 6,58 | 8,34 | 387 | 15 | 4 | 245 | 800 | 35 | 20 | 2240x1980x600 |
| **HB60 E2** | - | 9,81 | 387 | 15 | 4 | 245 | 870 | 35 | 20 | 2240x1980x600 |
| **HB60 E3** | - | 11,34 | 387 | 15 | 4 | 245 | 930 | 35 | 20 | 2240x1980x600 |
| **HB60 E4** | - | 12,90 | 387 | 15 | 4 | 245 | 980 | 35 | 20 | 2250x1980x600 |

# HB 70

**HB70 E1**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 7170* | 2925** | 1865 | 1300 | 945 | 705 |
| m | 1,00 | 2,45 | 3,84 | 5,40 | 7,02 | 8,66 |

**HB70 E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 6870* | 2805** | 1760 | 1230 | 945 | 705 | 530 |
| m | 1,00 | 2,45 | 3,90 | 5,46 | 7,02 | 8,66 | 10,30 |

**HB70 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 6620* | 2700** | 1675 | 1155 | 870 | 705 | 530 | 415 |
| m | 1,00 | 2,45 | 3,95 | 5,50 | 7,10 | 8,66 | 10,30 | 11,90 |

**HB70 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 6470* | 2620** | 1585 | 1075 | 800 | 635 | 530 | 415 |
| m | 1,00 | 2,45 | 4,08 | 5,60 | 7,20 | 8,76 | 10,30 | 11,90 |

*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HB70 E1** | 7,17 | 8,50 | 387 | 15 | 4 | 265 | 820 | 35 | 20 | 2310x1980x600 |
| **HB70 E2** | - | 10,20 | 387 | 15 | 4 | 265 | 900 | 35 | 20 | 2310x1980x600 |
| **HB70 E3** | - | 11,70 | 387 | 15 | 4 | 265 | 960 | 35 | 20 | 2310x1980x600 |
| **HB70 E4** | - | 13,30 | 387 | 15 | 4 | 265 | 1020 | 35 | 20 | 2310x1980x600 |

# HB 80

**HB80 E1**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 7890* | 3220** | 2050 | 1445 | 1050 | 790 |
| m | 1,00 | 2,45 | 3,85 | 5,40 | 7,05 | 8,66 |

**HB80 E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 7690* | 3140** | 1965 | 1370 | 1050 | 790 | 600 |
| m | 1,00 | 2,45 | 3,90 | 5,46 | 7,05 | 8,66 | 10,35 |

**HB80 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 7420* | 3030** | 1865 | 1290 | 975 | 790 | 600 | 470 |
| m | 1,00 | 2,45 | 3,98 | 5,55 | 7,10 | 8,66 | 10,35 | 11,95 |

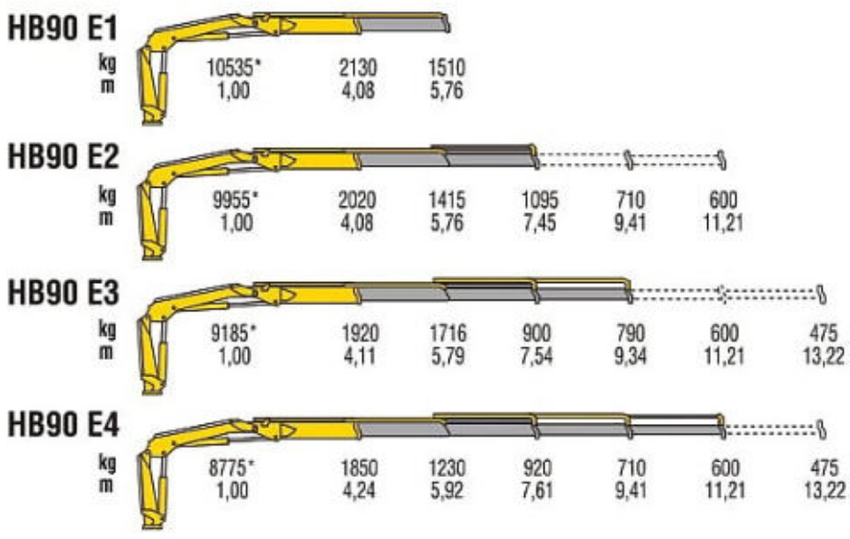
**HB80 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 7190* | 2935** | 1760 | 1200 | 900 | 715 | 600 | 470 |
| m | 1,00 | 2,45 | 4,08 | 5,65 | 7,20 | 8,76 | 10,35 | 11,95 |

*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HB80 E1** | 7,89 | 8,50 | 387 | 15 | 4 | 285 | 850 | 35 | 20 | 2310x1980x600 |
| **HB80 E2** | - | 10,20 | 387 | 15 | 4 | 285 | 930 | 35 | 20 | 2310x1980x600 |
| **HB80 E3** | - | 11,70 | 387 | 15 | 4 | 285 | 990 | 35 | 20 | 2310x1980x600 |
| **HB80 E4** | - | 13,30 | 387 | 15 | 4 | 285 | 1050 | 35 | 20 | 2310x1980x600 |

# HB 90



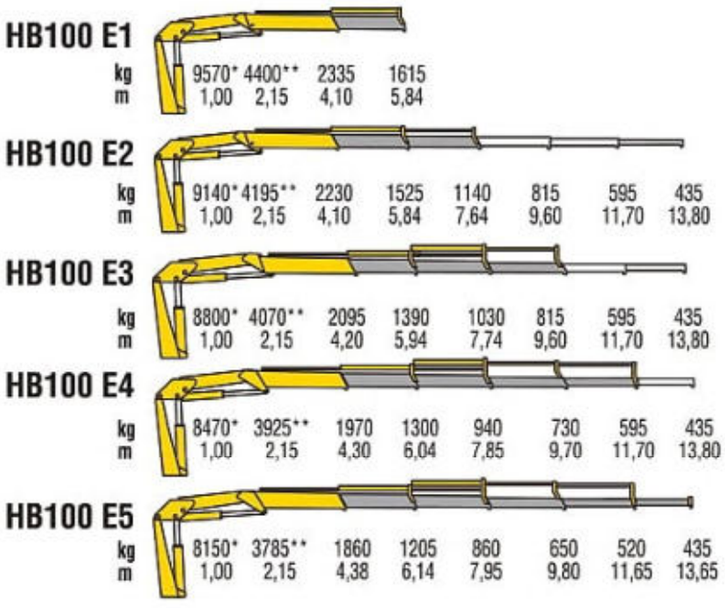

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB90 E1 | 8,7 | 9,1 | 425 | 20 | 4 | 310 | 1030 | 75 | 40 | 2305X2070X800 |
| HB90 E2 | - | 10,7 | 425 | 20 | 4 | 310 | 1110 | 75 | 40 | 2305X2070X800 |
| HB90 E3 | - | 12,6 | 425 | 20 | 4 | 310 | 1190 | 75 | 40 | 2305X2070X800 |
| HB90 E4 | - | 14,4 | 425 | 20 | 4 | 310 | 1260 | 75 | 40 | 2305X2070X800 |



HYVA

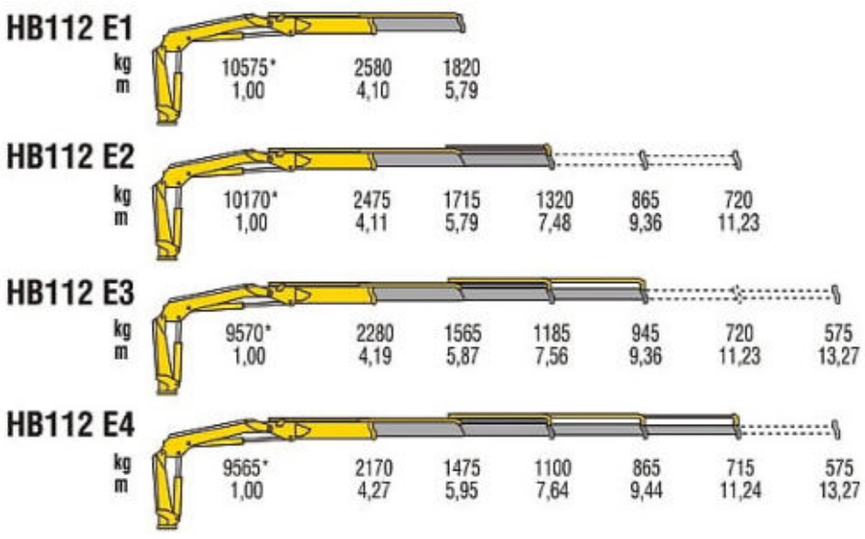
# HB 100




*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB100 E1 | 9,57 | 9,45 | 395 | 17 | 4 | 290 | 1080 | 60 | 25 | 2480x2170x640 |
| HB100 E2 | - | 11,30 | 395 | 17 | 4 | 290 | 1185 | 60 | 25 | 2480x2170x640 |
| HB100 E3 | - | 13,20 | 395 | 17 | 4 | 290 | 1280 | 60 | 25 | 2480x2170x640 |
| HB100 E4 | - | 15,30 | 395 | 17 | 4 | 290 | 1370 | 60 | 25 | 2480x2170x640 |
| HB100 E5 | - | 17,30 | 395 | 17 | 4 | 290 | 1440 | 60 | 25 | 2480x2170x750 |

# HB 112



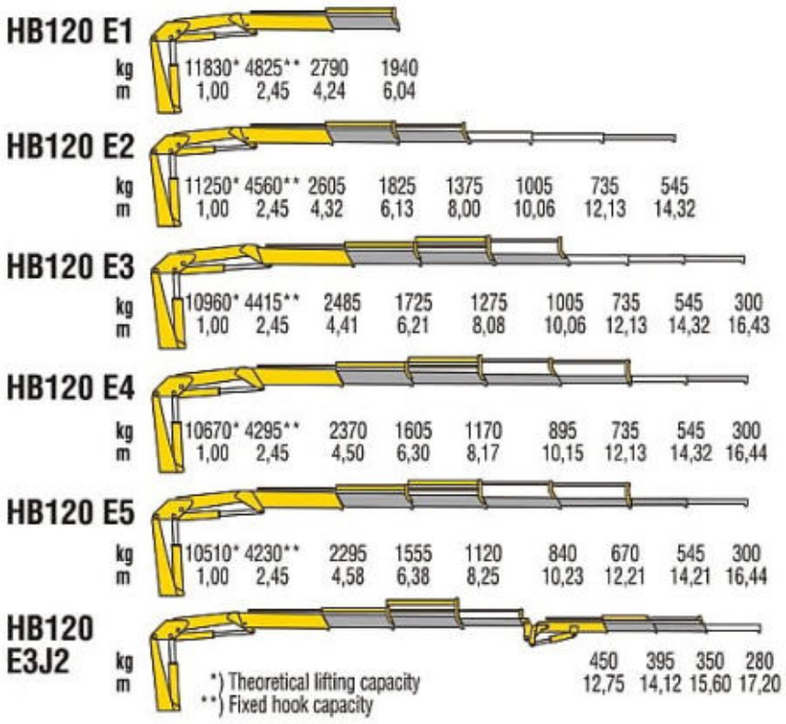

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB112 E1 | 10,5 | 9,2 | 425 | 20 | 4 | 310 | 1080 | 75 | 40 | 2310X2100X840 |
| HB112 E2 | - | 10,8 | 425 | 20 | 4 | 310 | 1180 | 75 | 40 | 2310X2100X840 |
| HB112 E3 | - | 12,6 | 425 | 20 | 4 | 310 | 1270 | 75 | 40 | 2310X2100X840 |
| HB112 E4 | - | 14,6 | 425 | 20 | 4 | 310 | 1360 | 75 | 40 | 2310X2100X840 |



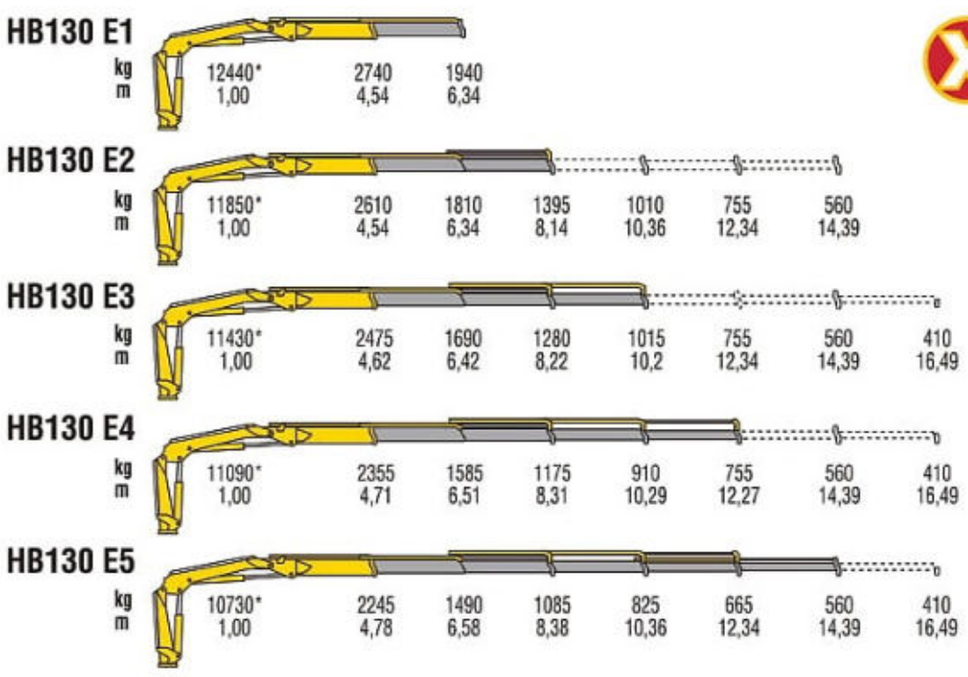
HYVA

# HB 120




| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB120 E1 | 11,8 | 9,6 | 380 | 17 | 4 | 310 | 1285 | 100 | 25 | 2460x2340x885 |
| HB120 E2 | - | 11,5 | 380 | 17 | 4 | 310 | 1415 | 100 | 25 | 2460x2340x885 |
| HB120 E3 | - | 13,5 | 380 | 17 | 4 | 310 | 1535 | 100 | 25 | 2470x2340x885 |
| HB120 E4 | - | 15,5 | 380 | 17 | 4 | 310 | 1635 | 100 | 25 | 2485x2340x885 |
| HB120 E5 | - | 17,6 | 380 | 17 | 4 | 310 | 1705 | 100 | 25 | 2500x2340x940 |
| HB120 E3J2 | - | 18,8 | 380 | 17 | 4 | 290 | 1835 | 100 | 25 | 2490x2340x1030 |

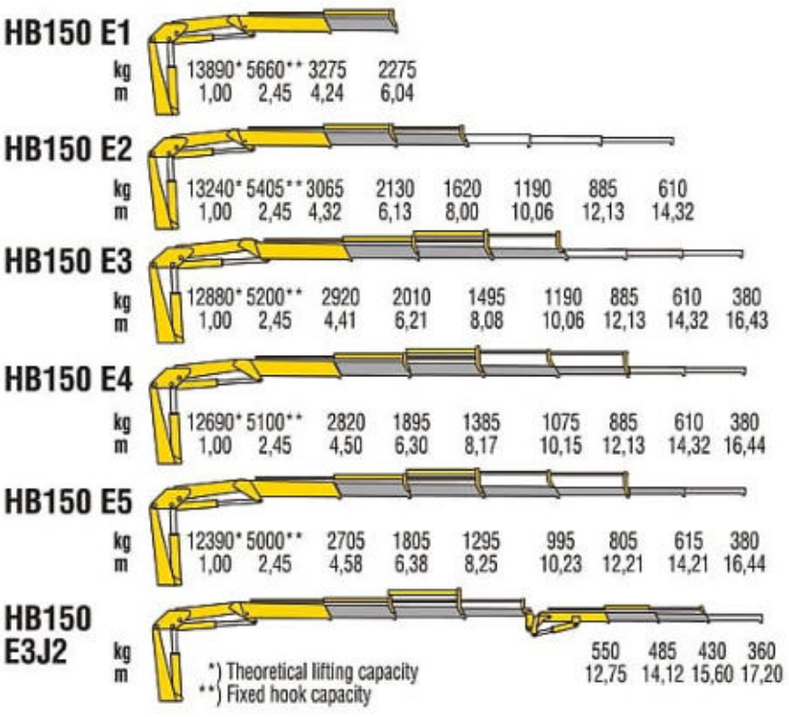
# HB 130




*) Theoretical lifting capacity

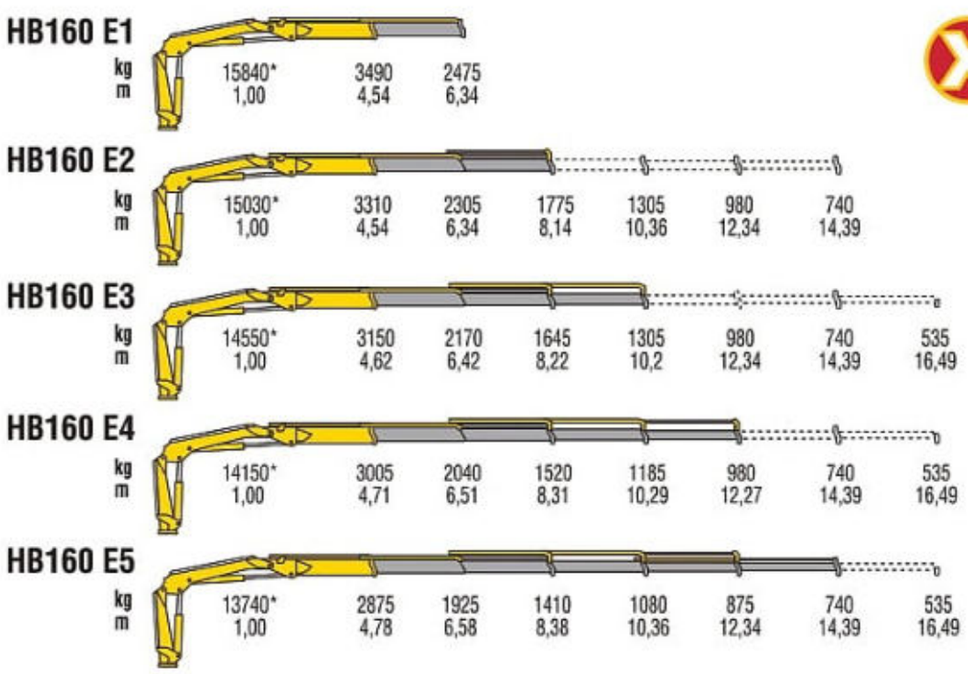
| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB130 E1 | 12,4 | 9,9 | 425 | 20 | 4 | 285 | 1335 | 130 | 30 | 2480x2295x825 |
| HB130 E2 | - | 11,7 | 425 | 20 | 4 | 285 | 1445 | 130 | 30 | 2480x2295x825 |
| HB130 E3 | - | 13,7 | 425 | 20 | 4 | 285 | 1570 | 130 | 30 | 2480x2295x825 |
| HB130 E4 | - | 15,7 | 425 | 20 | 4 | 285 | 1660 | 130 | 30 | 2480x2295x825 |
| HB130 E5 | - | 17,8 | 425 | 20 | 4 | 285 | 1745 | 130 | 30 | 2480x2295x895 |

# HB 150




| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB150 E1 | 13,9 | 9,6 | 380 | 17 | 4 | 290 | 1470 | 100 | 25 | 2460x2340x885 |
| HB150 E2 | - | 11,5 | 380 | 17 | 4 | 290 | 1600 | 100 | 25 | 2460x2340x885 |
| HB150 E3 | - | 13,5 | 380 | 17 | 4 | 290 | 1720 | 100 | 25 | 2470x2340x885 |
| HB150 E4 | - | 15,5 | 380 | 17 | 4 | 290 | 1820 | 100 | 25 | 2485x2340x885 |
| HB150 E5 | - | 17,6 | 380 | 17 | 4 | 290 | 1900 | 100 | 25 | 2500x2340x940 |
| HB150 E3J2 | - | 18,8 | 380 | 17 | 4 | 270 | 2030 | 100 | 25 | 2490x2340x1030 |

# HB 160

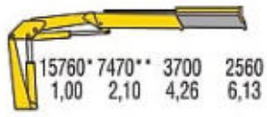



*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB160 E1 | 15,8 | 9,9 | 425 | 20 | 4 | 280 | 1525 | 130 | 40 | 2490x2295x825 |
| HB160 E2 | - | 11,7 | 425 | 20 | 4 | 280 | 1660 | 130 | 40 | 2490x2295x825 |
| HB160 E3 | - | 13,7 | 425 | 20 | 4 | 280 | 1775 | 130 | 40 | 2490x2295x825 |
| HB160 E4 | - | 15,7 | 425 | 20 | 4 | 280 | 1880 | 130 | 40 | 2490x2295x825 |
| HB160 E5 | - | 17,8 | 425 | 20 | 4 | 280 | 1970 | 130 | 40 | 2490x2295x905 |

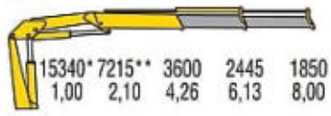
# HB 170

**HB170 E1**



| | | | | |
|---|---|---|---|---|
| kg | 15760* | 7470** | 3700 | 2560 |
| m | 1,00 | 2,10 | 4,26 | 6,13 |

**HB170 E2**



| | | | | | |
|---|---|---|---|---|---|
| kg | 15340* | 7215** | 3600 | 2445 | 1850 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 |

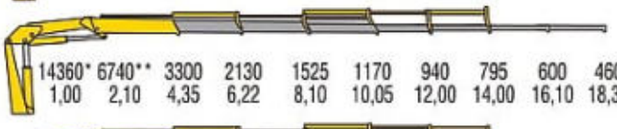
**HB170 E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 15040* | 7040** | 3530 | 2355 | 1750 | 1380 | 1045 | 795 | 600 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 | 9,95 | 11,90 | 14,00 | 16,10 |

**HB170 E4**

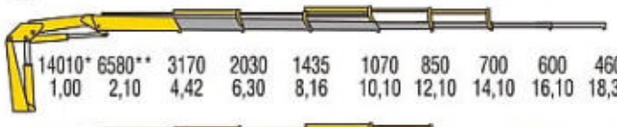
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 14680* | 6900** | 3445 | 2255 | 1640 | 1270 | 1045 | 795 | 600 | 460 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 | 9,95 | 11,90 | 14,00 | 16,10 | 18,30 |

**HB170 E5**



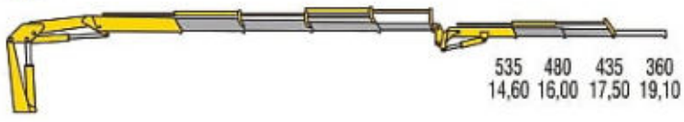
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 14360* | 6740** | 3300 | 2130 | 1525 | 1170 | 940 | 795 | 600 | 460 |
| m | 1,00 | 2,10 | 4,35 | 6,22 | 8,10 | 10,05 | 12,00 | 14,00 | 16,10 | 18,30 |

**HB170 E6**



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 14010* | 6580** | 3170 | 2030 | 1435 | 1070 | 850 | 700 | 600 | 460 |
| m | 1,00 | 2,10 | 4,42 | 6,30 | 8,16 | 10,10 | 12,10 | 14,10 | 16,10 | 18,30 |

**HB170 E4J2**



| | | | | | |
|---|---|---|---|---|---|
| kg | 535 | 480 | 435 | 360 | |
| m | 14,60 | 16,00 | 17,50 | 19,10 | |

*) Theoretical lifting capacity
**) Fixed hook capacity

# HB 170

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**

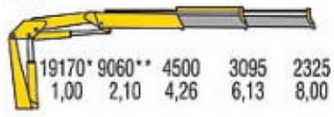
| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB170 E1 | 15,8 | 9,9 | 387 | 17 | 4 | 310 | 1770 | 130 | 32 | 2480x2295x970 |
| HB170 E2 | - | 11,8 | 387 | 17 | 4 | 310 | 1910 | 130 | 32 | 2480x2295x970 |
| HB170 E3 | - | 13,8 | 387 | 17 | 4 | 310 | 2030 | 130 | 32 | 2480x2295x1000 |
| HB170 E4 | - | 15,7 | 387 | 17 | 4 | 310 | 2150 | 130 | 32 | 2480x2295x1000 |
| HB170 E5 | - | 17,8 | 387 | 17 | 4 | 310 | 2260 | 130 | 32 | 2480x2295x1000 |
| HB170 E6 | - | 19,8 | 387 | 17 | 4 | 310 | 2340 | 130 | 32 | 2495x2295x1000 |
| HB170 E4J2 | - | 21,2 | 387 | 17 | 4 | 310 | 2460 | 130 | 32 | 2480x2295x1120 |

# HB 200

**HB200 E1**

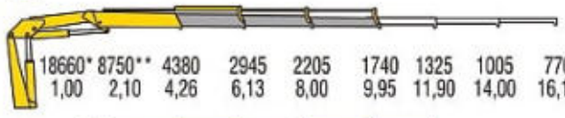
| | | | | |
|---|---|---|---|---|
| kg | 19620* | 9210** | 4605 | 3200 |
| m | 1,00 | 2,10 | 4,26 | 6,13 |

**HB200 E2**



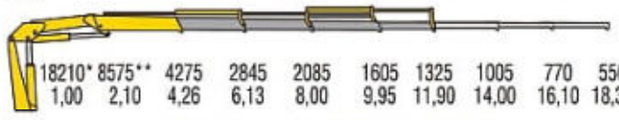
| | | | | | |
|---|---|---|---|---|---|
| kg | 19170* | 9060** | 4500 | 3095 | 2325 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 |

**HB200 E3**



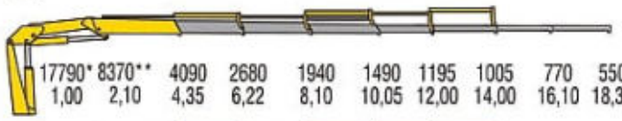
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 18660* | 8750** | 4380 | 2945 | 2205 | 1740 | 1325 | 1005 | 770 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 | 9,95 | 11,90 | 14,00 | 16,10 |

**HB200 E4**



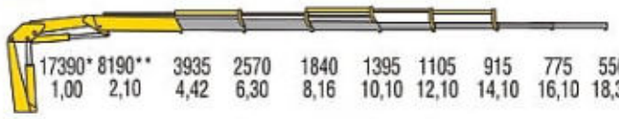
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 18210* | 8575** | 4275 | 2845 | 2085 | 1605 | 1325 | 1005 | 770 | 550 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 | 9,95 | 11,90 | 14,00 | 16,10 | 18,30 |

**HB200 E5**



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 17790* | 8370** | 4090 | 2680 | 1940 | 1490 | 1195 | 1005 | 770 | 550 |
| m | 1,00 | 2,10 | 4,35 | 6,22 | 8,10 | 10,05 | 12,00 | 14,00 | 16,10 | 18,30 |

**HB200 E6**



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 17390* | 8190** | 3935 | 2570 | 1840 | 1395 | 1105 | 915 | 775 | 550 |
| m | 1,00 | 2,10 | 4,42 | 6,30 | 8,16 | 10,10 | 12,10 | 14,10 | 16,10 | 18,30 |

**HB200 E5J2**

| | | | | | |
|---|---|---|---|---|---|
| kg | 550 | 500 | 450 | 380 |
| m | 16,70 | 18,10 | 19,60 | 21,10 |

*) Theoretical lifting capacity
**) Fixed hook capacity

# HB 200

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB200 E1 | 19,6 | 9,9 | 387 | 17 | 4 | 300 | 1860 | 130 | 40 | 2480x2295x970 |
| HB200 E2 | - | 11,8 | 387 | 17 | 4 | 300 | 2010 | 130 | 40 | 2480x2295x970 |
| HB200 E3 | - | 13,8 | 387 | 17 | 4 | 300 | 2150 | 130 | 40 | 2480x2295x1000 |
| HB200 E4 | - | 15,7 | 387 | 17 | 4 | 300 | 2280 | 130 | 40 | 2480x2295x1000 |
| HB200 E5 | - | 17,8 | 387 | 17 | 4 | 300 | 2380 | 130 | 40 | 2480x2295x1000 |
| HB200 E6 | - | 19,8 | 387 | 17 | 4 | 300 | 2480 | 130 | 40 | 2495x2295x1000 |
| HB200 E5J2 | - | 23,3 | 387 | 17 | 4 | 300 | 2715 | 130 | 40 | 2480x2300x1120 |

# HB 210

**HB210 E2**

| | | | | |
|---|---|---|---|---|
| kg | 18940* | 4405 | 3000 | 2280 |
| m | 1,00 | 4,30 | 6,20 | 8,10 |

**HB210 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 18575* | 4320 | 2970 | 2230 | 1700 | 1280 | 980 | 770 |
| m | 1,00 | 4,30 | 6,20 | 8,10 | 10,13 | 12,25 | 14,46 | 16,59 |

**HB210 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 17995* | 4100 | 2830 | 2120 | 1625 | 1280 | 980 | 770 | 630 |
| m | 1,00 | 4,39 | 6,29 | 8,19 | 10,22 | 12,25 | 14,46 | 16,49 | 18,70 |

**HB210 E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 17610* | 3940 | 2585 | 1880 | 1440 | 1165 | 980 | 770 | 630 |
| m | 1,00 | 4,47 | 6,37 | 8,27 | 10,30 | 12,33 | 14,16 | 16,59 | 18,70 |

*) Theoretical lifting capacity

# HB 210

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**

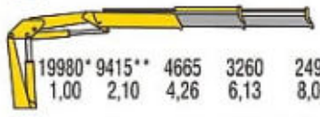
| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB210 E2 | 18,9 | 11,9 | 415 | 20 | 4 | 315 | 2040 | 130 | 70 | 2520X2300X930 |
| HB210 E3 | - | 13,9 | 415 | 20 | 4 | 315 | 2190 | 130 | 70 | 2520X2300X930 |
| HB210 E4 | - | 16,0 | 415 | 20 | 4 | 315 | 2335 | 130 | 70 | 2520X2300X930 |
| HB210 E5 | - | 18,2 | 415 | 20 | 4 | 315 | 2450 | 130 | 70 | 2520X2300X930 |

# HB 230

**HB230 E1**

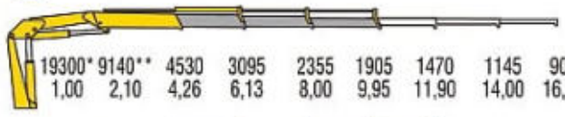
| | | | | | |
|---|---|---|---|---|---|
| kg | 20660* | 9620** | 4765 | 3370 | |
| m | 1,00 | 2,10 | 4,26 | 6,13 | |

**HB230 E2**



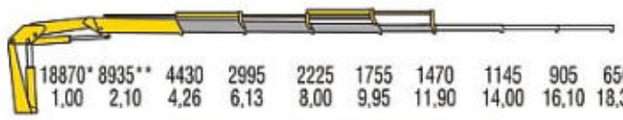
| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 19980* | 9415** | 4665 | 3260 | 2490 | |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 | |

**HB230 E3**



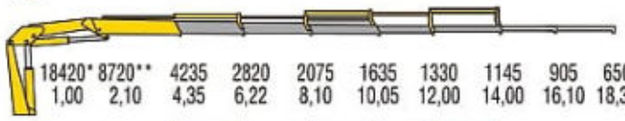
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 19300* | 9140** | 4530 | 3095 | 2355 | 1905 | 1470 | 1145 | 905 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 | 9,95 | 11,90 | 14,00 | 16,10 |

**HB230 E4**



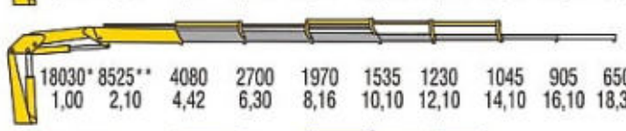
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 18870* | 8935** | 4430 | 2995 | 2225 | 1755 | 1470 | 1145 | 905 | 650 |
| m | 1,00 | 2,10 | 4,26 | 6,13 | 8,00 | 9,95 | 11,90 | 14,00 | 16,10 | 18,30 |

**HB230 E5**



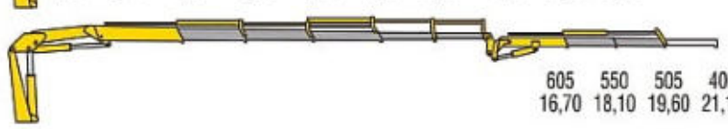
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 18420* | 8720** | 4235 | 2820 | 2075 | 1635 | 1330 | 1145 | 905 | 650 |
| m | 1,00 | 2,10 | 4,35 | 6,22 | 8,10 | 10,05 | 12,00 | 14,00 | 16,10 | 18,30 |

**HB230 E6**



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 18030* | 8525** | 4080 | 2700 | 1970 | 1535 | 1230 | 1045 | 905 | 650 |
| m | 1,00 | 2,10 | 4,42 | 6,30 | 8,16 | 10,10 | 12,10 | 14,10 | 16,10 | 18,30 |

**HB230 E5J2**



| | | | | | |
|---|---|---|---|---|---|
| kg | 605 | 550 | 505 | 400 | |
| m | 16,70 | 18,10 | 19,60 | 21,10 | |

*) Theoretical lifting capacity
**) Fixed hook capacity

# HB 230

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB230 E1 | 20,7 | 9,9 | 387 | 17 | 4 | 315 | 1890 | 130 | 40 | 2480x2295x970 |
| HB230 E2 | - | 11,8 | 387 | 17 | 4 | 315 | 2040 | 130 | 40 | 2480x2295x970 |
| HB230 E3 | - | 13,8 | 387 | 17 | 4 | 315 | 2180 | 130 | 40 | 2480x2295x1000 |
| HB230 E4 | - | 15,7 | 387 | 17 | 4 | 315 | 2310 | 130 | 40 | 2480x2295x1000 |
| HB230 E5 | - | 17,8 | 387 | 17 | 4 | 315 | 2410 | 130 | 40 | 2480x2295x1000 |
| HB230 E6 | - | 19,8 | 387 | 17 | 4 | 315 | 2510 | 130 | 40 | 2495x2295x1000 |
| HB230 E5J2 | - | 23,3 | 387 | 17 | 4 | 315 | 2745 | 130 | 40 | 2480x2300x1120 |

# HB 240

**HB240 E2**

| | | | | |
|---|---|---|---|---|
| kg | 22700* | 5280 | 3610 | 2750 |
| m | 1,00 | 4,30 | 6,20 | 8,10 |

**HB240 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 21865* | 5085 | 3425 | 2570 | 2035 | 1530 | 1170 | 770 |
| m | 1,00 | 4,30 | 6,20 | 8,10 | 10,13 | 12,25 | 14,46 | 16,59 |

**HB240 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 21155* | 4820 | 3215 | 2380 | 1880 | 1530 | 1170 | 915 | 735 |
| m | 1,00 | 4,39 | 6,29 | 8,19 | 10,22 | 12,25 | 14,46 | 16,59 | 18,70 |

**HB240 E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 21490* | 4585 | 3033 | 2220 | 1710 | 1390 | 1170 | 915 | 735 |
| m | 1,00 | 4,47 | 6,37 | 8,27 | 10,30 | 12,33 | 14,46 | 16,59 | 18,70 |

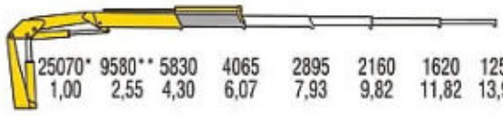
*) Theoretical lifting capacity

# HB 240

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**

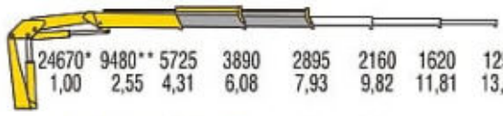
| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB240 E2 | 18,9 | 11,9 | 415 | 20 | 4 | 320 | 2375 | 130 | 80 | 2520X2300X930 |
| HB240 E3 | - | 13,9 | 415 | 20 | 4 | 320 | 2530 | 130 | 80 | 2520X2300X930 |
| HB240 E4 | - | 16,0 | 415 | 20 | 4 | 320 | 2680 | 130 | 80 | 2520X2300X930 |
| HB240 E5 | - | 18,2 | 415 | 20 | 4 | 320 | 2800 | 130 | 80 | 2520X2300X930 |

# HB 250



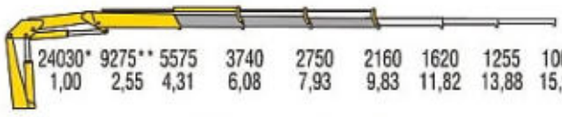
**HB250 E1**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 25070* | 9580** | 5830 | 4065 | 2895 | 2160 | 1620 | 1255 |
| m | 1,00 | 2,55 | 4,30 | 6,07 | 7,93 | 9,82 | 11,82 | 13,90 |



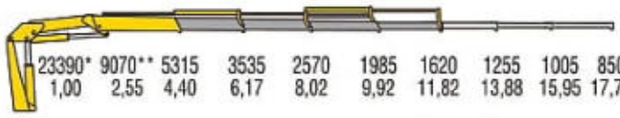
**HB250 E2**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 24670* | 9480** | 5725 | 3890 | 2895 | 2160 | 1620 | 1255 |
| m | 1,00 | 2,55 | 4,31 | 6,08 | 7,93 | 9,82 | 11,81 | 13,87 |



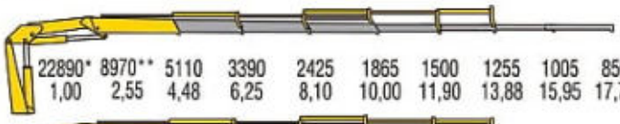
**HB250 E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 24030* | 9275** | 5575 | 3740 | 2750 | 2160 | 1620 | 1255 | 1005 |
| m | 1,00 | 2,55 | 4,31 | 6,08 | 7,93 | 9,83 | 11,82 | 13,88 | 15,95 |



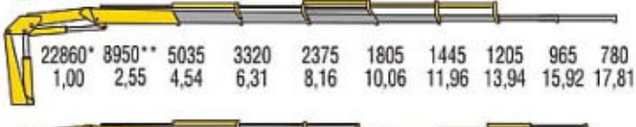
**HB250 E4**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 23390* | 9070** | 5315 | 3535 | 2570 | 1985 | 1620 | 1255 | 1005 | 850 |
| m | 1,00 | 2,55 | 4,40 | 6,17 | 8,02 | 9,92 | 11,82 | 13,88 | 15,95 | 17,75 |



**HB250 E5**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22890* | 8970** | 5110 | 3390 | 2425 | 1865 | 1500 | 1255 | 1005 | 850 |
| m | 1,00 | 2,55 | 4,48 | 6,25 | 8,10 | 10,00 | 11,90 | 13,88 | 15,95 | 17,75 |



**HB250 E6**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22860* | 8950** | 5035 | 3320 | 2375 | 1805 | 1445 | 1205 | 965 | 780 |
| m | 1,00 | 2,55 | 4,54 | 6,31 | 8,16 | 10,06 | 11,96 | 13,94 | 15,92 | 17,81 |

**HB250 E3J3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 1105 | 925 | 805 | 700 | 500 |
| m | 12,30 | 13,90 | 15,50 | 17,20 | 19,00 |

**HB250 E4J3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 835 | 745 | 630 | 565 | 480 |
| m | 14,30 | 15,80 | 17,50 | 19,10 | 20,90 |

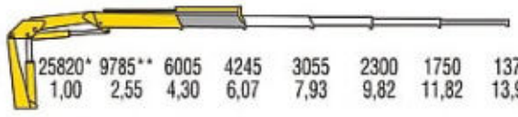
*) Theoretical lifting capacity
**) Fixed hook capacity

# HB 250

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HB250 E1** | 25,1 | 9,8 | 400 | 20 | 4 | 290 | 2580 | 160 | 50 | 2500x2320x1115 |
| **HB250 E2** | - | 11,6 | 400 | 20 | 4 | 290 | 2760 | 160 | 50 | 2500x2320x1115 |
| **HB250 E3** | - | 13,4 | 400 | 20 | 4 | 290 | 2900 | 160 | 50 | 2500x2320x1115 |
| **HB250 E4** | - | 15,3 | 400 | 20 | 4 | 290 | 3060 | 160 | 50 | 2500x2320x1115 |
| **HB250 E5** | - | 17,3 | 400 | 20 | 4 | 290 | 3200 | 160 | 50 | 2500x2320x1115 |
| **HB250 E6** | - | 19,3 | 400 | 20 | 4 | 290 | 3295 | 160 | 50 | 2540x2320x1200 |
| **HB250 E3J3** | - | 20,2 | 400 | 25 | 4 | 290 | 3450 | 160 | 50 | 2500x2430x1300 |
| **HB250 E4J3** | - | 22,1 | 400 | 25 | 4 | 295 | 3600 | 160 | 50 | 2500x2445x1300 |

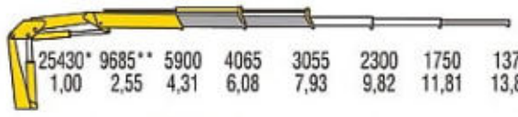
# HB 280

**HB280 E1**



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 25820* | 9785** | 6005 | 4245 | 3055 | 2300 | 1750 | 1375 | |
| m | 1,00 | 2,55 | 4,30 | 6,07 | 7,93 | 9,82 | 11,82 | 13,90 | |

**HB280 E2**



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 25430* | 9685** | 5900 | 4065 | 3055 | 2300 | 1750 | 1375 | |
| m | 1,00 | 2,55 | 4,31 | 6,08 | 7,93 | 9,82 | 11,81 | 13,87 | |

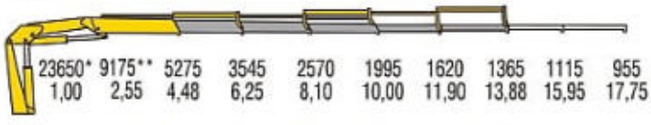
**HB280 E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 24780* | 9530** | 5750 | 3900 | 2905 | 2300 | 1750 | 1375 | 1115 |
| m | 1,00 | 2,55 | 4,31 | 6,08 | 7,93 | 9,83 | 11,82 | 13,88 | 15,95 |

**HB280 E4**

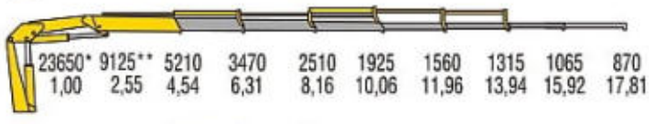
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 24070* | 9325** | 5470 | 3685 | 2710 | 2120 | 1750 | 1375 | 1115 | 955 |
| m | 1,00 | 2,55 | 4,40 | 6,17 | 8,02 | 9,92 | 11,82 | 13,88 | 15,95 | 17,75 |

**HB280 E5**



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 23650* | 9175** | 5275 | 3545 | 2570 | 1995 | 1620 | 1365 | 1115 | 955 |
| m | 1,00 | 2,55 | 4,48 | 6,25 | 8,10 | 10,00 | 11,90 | 13,88 | 15,95 | 17,75 |

**HB280 E6**



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 23650* | 9125** | 5210 | 3470 | 2510 | 1925 | 1560 | 1315 | 1065 | 870 |
| m | 1,00 | 2,55 | 4,54 | 6,31 | 8,16 | 10,06 | 11,96 | 13,94 | 15,92 | 17,81 |

**HB280 E3J3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 1205 | 1005 | 885 | 780 | 555 |
| m | 12,30 | 13,90 | 15,50 | 17,20 | 19,00 |

**HB280 E4J3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 935 | 830 | 700 | 630 | 530 |
| m | 14,30 | 15,80 | 17,50 | 19,10 | 20,90 |

*) Theoretical lifting capacity
**) Fixed hook capacity

# HB 280

## LCS Lift Control System

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB280 E1 | 25,8 | 9,8 | 400 | 20 | 4 | 305 | 2630 | 160 | 50 | 2500x2320x1115 |
| HB280 E2 | - | 11,6 | 400 | 20 | 4 | 305 | 2810 | 160 | 50 | 2500x2320x1115 |
| HB280 E3 | - | 13,4 | 400 | 20 | 4 | 305 | 2950 | 160 | 50 | 2500x2320x1115 |
| HB280 E4 | - | 15,3 | 400 | 20 | 4 | 305 | 3110 | 160 | 50 | 2500x2320x1115 |
| HB280 E5 | - | 17,3 | 400 | 20 | 4 | 305 | 3250 | 160 | 50 | 2500x2320x1115 |
| HB280 E6 | - | 19,3 | 400 | 20 | 4 | 305 | 3345 | 160 | 50 | 2540x2320x1200 |
| HB280 E3J3 | - | 20,2 | 400 | 25 | 4 | 295 | 3500 | 160 | 50 | 2500x2430x1300 |
| HB280 E4J3 | - | 22,1 | 400 | 25 | 4 | 295 | 3650 | 160 | 50 | 2500x2445x1300 |

# HB 460

**HB460 E2**

| | | | | | |
|---|---|---|---|---|---|
| kg | 43420* | 22150* | 10485 | 7360 | 5590 |
| m | 1,00 | 1,95 | 4,12 | 5,90 | 7,75 |

**HB460 E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 42350* | 21720* | 10010 | 7025 | 5310 | 4220 | 3270 | 2565 | 2040 |
| m | 1,00 | 1,95 | 4,23 | 6,00 | 7,85 | 9,80 | 11,80 | 13,90 | 16,00 |

**HB460 E4**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 41780* | 21425* | 9600 | 6710 | 5020 | 3955 | 3270 | 2565 | 2040 | 1605 |
| m | 1,00 | 1,95 | 4,35 | 6,10 | 7,95 | 9,90 | 11,80 | 13,90 | 16,00 | 18,20 |

**HB460 E5**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 41400* | 21230* | 9410 | 6505 | 4795 | 3720 | 3040 | 2565 | 2040 | 1605 | 1260 |
| m | 1,00 | 1,95 | 4,35 | 6,10 | 7,95 | 9,90 | 11,80 | 13,90 | 16,00 | 18,20 | 20,40 |

**HB460 E6**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 40050* | 20540* | 9095 | 6245 | 4580 | 3515 | 2845 | 2360 | 2040 | 1605 | 1260 | 1005 |
| m | 1,00 | 1,95 | 4,40 | 6,15 | 8,00 | 9,90 | 11,90 | 13,90 | 16,00 | 18,20 | 20,40 | 22,60 |

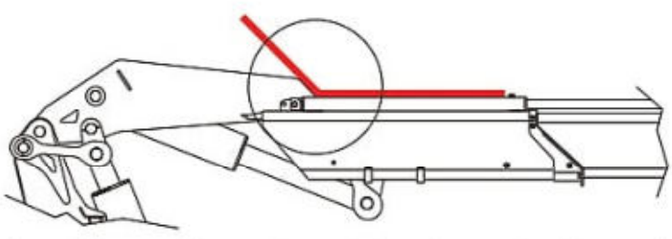
**HB460 E7**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 39230* | 20120* | 8915 | 6050 | 4385 | 3325 | 2640 | 2170 | 1840 | 1605 | 1260 | 1005 |
| m | 1,00 | 1,95 | 4,40 | 6,15 | 8,00 | 9,90 | 11,90 | 13,90 | 16,00 | 18,20 | 20,40 | 22,60 |

**HB460 E8**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 38550* | 19770* | 8560 | 5800 | 4180 | 3140 | 2460 | 1975 | 1660 | 1425 | 1260 | 1005 |
| m | 1,00 | 1,95 | 4,50 | 6,20 | 8,10 | 10,00 | 12,00 | 14,00 | 16,10 | 18,20 | 20,40 | 22,60 |

*) Theoretical lifting capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HB 460

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

**For non - CE markets only**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB460 E2 | 43,4 | 12,1 | 400 | 22 | 4 | 305 | 4040 | 210 | 50 | 2505x2460x1275 |
| HB460 E3 | - | 14,1 | 400 | 22 | 4 | 305 | 4290 | 210 | 50 | 2505x2460x1275 |
| HB460 E4 | - | 16,1 | 400 | 22 | 4 | 305 | 4570 | 210 | 50 | 2505x2460x1275 |
| HB460 E5 | - | 18,2 | 400 | 22 | 4 | 305 | 4810 | 210 | 50 | 2505x2460x1285 |
| HB460 E6 | - | 20,3 | 400 | 22 | 4 | 305 | 5010 | 210 | 50 | 2505x2460x1285 |
| HB460 E7 | - | 22,5 | 400 | 22 | 4 | 305 | 5200 | 210 | 50 | 2505x2460x1400 |
| HB460 E8 | - | 24,7 | 400 | 22 | 4 | 305 | 5380 | 210 | 50 | 2510x2480x1400 |

# HB 700

**HB700 E2**

| | | | | |
|---|---|---|---|---|
| kg | 23280* | 16890 | 12050 | 9250 |
| m | 3,00 | 4,05 | 5,75 | 7,55 |

**HB700 E4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 22100* | 16090 | 11330 | 8570 | 6800 | 5640 |
| m | 3,00 | 4,12 | 5,85 | 7,65 | 9,55 | 11,45 |

**HB700 E6**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 21450* | 15070 | 10540 | 7840 | 6120 | 5030 | 4210 | 3640 | 2730 | 2420 | 1770 |
| m | 3,00 | 4,27 | 6,00 | 7,77 | 9,70 | 11,60 | 13,60 | 15,60 | 17,60 | 19,60 | 22,00 |

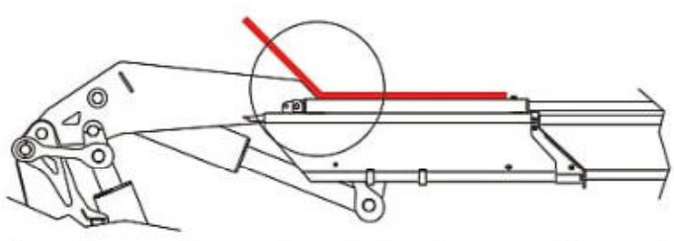
**HB700 E8**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 20850* | 14650 | 10120 | 7400 | 5660 | 4520 | 3710 | 3130 | 2730 | 2420 | 1770 | 1610 | 1265 |
| m | 3,00 | 4,27 | 6,00 | 7,77 | 9,70 | 11,60 | 13,60 | 15,60 | 17,60 | 19,60 | 22,00 | 24,15 | 26,50 |

**HB700 E10**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 20660* | 13620 | 9390 | 6840 | 5160 | 4060 | 3260 | 2710 | 2320 | 2020 | 1770 | 1610 | 1265 |
| m | 3,00 | 4,55 | 6,25 | 8,05 | 10,00 | 11,85 | 13,85 | 15,85 | 17,85 | 19,85 | 22,00 | 24,15 | 26,50 |

*) Theoretical lifting capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HB 700

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

**For non - CE markets only**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB700 E2 | 69,8 | 12,1 | 420 | 45 | 4 | 280 | 6350 | 280 | 80 | 2530x2450x1950 |
| HB700 E4 | - | 16,0 | 420 | 45 | 4 | 280 | 7000 | 280 | 80 | 2530x2450x1950 |
| HB700 E6 | - | 20,2 | 420 | 45 | 4 | 280 | 7600 | 280 | 80 | 2530x2450x2110 |
| HB700 E8 | - | 24,1 | 420 | 45 | 4 | 280 | 8150 | 280 | 80 | 2530x2505x2135 |
| HB700 E10 | - | 28,7 | 420 | 45 | 4 | 280 | 8550 | 280 | 80 | 2530x2635x2135 |

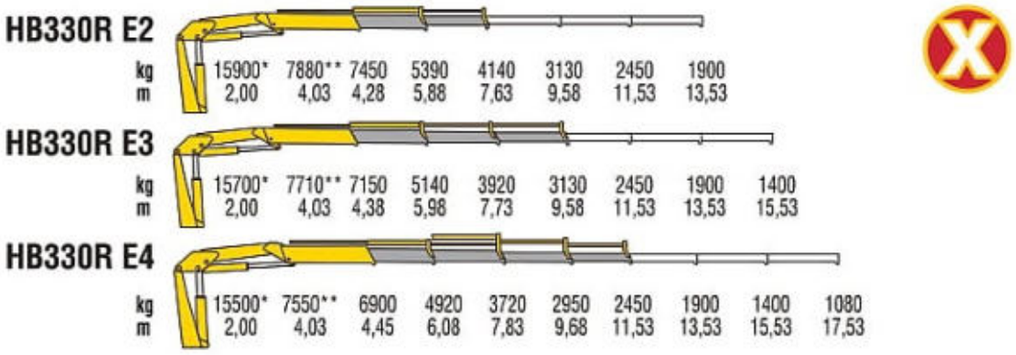
HB60
HYVA

# HB-R

## HB 330R
## HB 350R
## HB 430R
## HB 450R
## HB 600R
## HB 660R

**Large, user-friendly articulated cranes**

# HB 330R




*) Theoretical lifting capacity
**) Fixed hook capacity

**For non - CE markets only**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB330R E2 | 31,8 | 11,6 | 380 | 20 | 4 | 290 | 3145 | 160 | 50 | 2550x2490x1175 |
| HB330R E3 | - | 13,5 | 380 | 20 | 4 | 290 | 3370 | 160 | 50 | 2550x2490x1175 |
| HB330R E4 | - | 15,4 | 380 | 20 | 4 | 290 | 3580 | 160 | 50 | 2550x2490x1175 |

# HB 350R

**HB350R E2**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 16400* | 8100** | 7680 | 5580 | 4300 | 3270 | 2560 | 2010 |
| m | 2,00 | 4,03 | 4,28 | 5,88 | 7,63 | 9,58 | 11,53 | 13,53 |

**HB350R E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 16100* | 7930** | 7350 | 5300 | 4070 | 3270 | 2560 | 2010 | 1495 |
| m | 2,00 | 4,03 | 4,38 | 5,98 | 7,73 | 9,58 | 11,53 | 13,53 | 15,53 |

**HB350R E4**

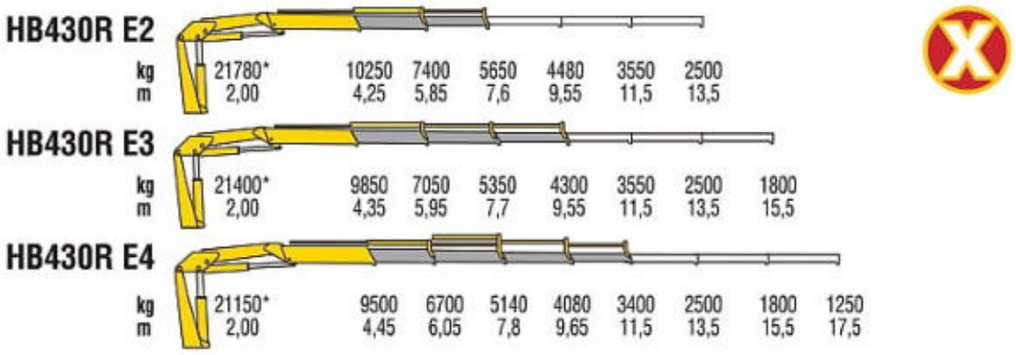
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 15800* | 7790** | 7100 | 5060 | 3850 | 3060 | 2560 | 2010 | 1495 | 1160 |
| m | 2,00 | 4,03 | 4,45 | 6,08 | 7,83 | 9,68 | 11,53 | 13,53 | 15,53 | 17,53 |

*) Theoretical lifting capacity
**) Fixed hook capacity

**For non - CE markets only**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB350R E2 | 32,8 | 11,6 | 380 | 20 | 4 | 300 | 3165 | 160 | 50 | 2550x2490x1175 |
| HB350R E3 | - | 13,5 | 380 | 20 | 4 | 300 | 3390 | 160 | 50 | 2550x2490x1175 |
| HB350R E4 | - | 15,4 | 380 | 20 | 4 | 300 | 3600 | 160 | 50 | 2550x2490x1175 |

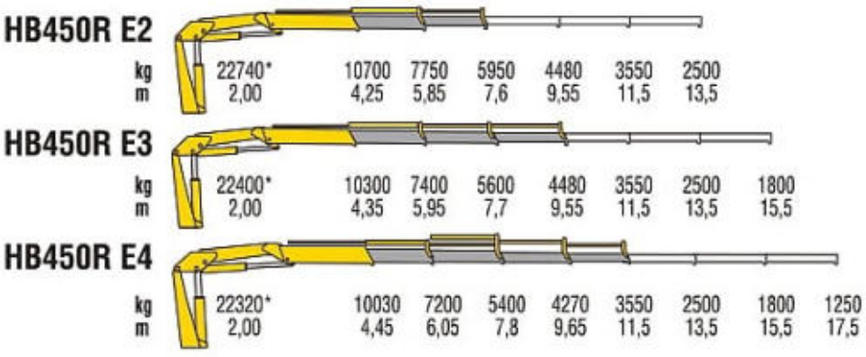
# HB 430R




*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB430R E2 | 43,6 | 11,64 | 385 | 20 | 4 | 250 | 3835 | 250 | 50 | 2550x2495x1280 |
| HB430R E3 | - | 13,55 | 385 | 20 | 4 | 250 | 4075 | 250 | 50 | 2550x2495x1280 |
| HB430R E4 | - | 15,46 | 385 | 20 | 4 | 250 | 4280 | 250 | 50 | 2550x2495x1280 |

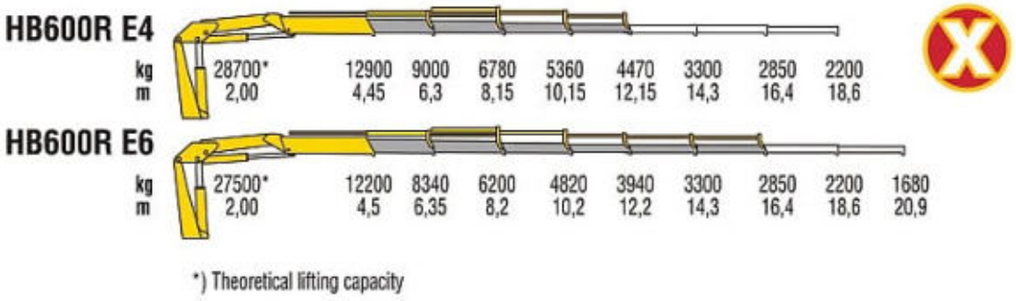
# HB 450R




*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB450R E2 | 45,5 | 11,64 | 385 | 20 | 4 | 270 | 3885 | 250 | 50 | 2550x2495x1280 |
| HB450R E3 | - | 13,55 | 385 | 20 | 4 | 270 | 4125 | 250 | 50 | 2550x2495x1280 |
| HB450R E4 | - | 15,46 | 385 | 20 | 4 | 270 | 4330 | 250 | 50 | 2550x2495x1280 |

# HB 600R




*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB600R E4 | 57,4 | 16,3 | 420 | 18 | 4 | 290 | 5100 | 250 | 70 | 2550x2420x1465 |
| HB600R E6 | - | 20,5 | 420 | 18 | 4 | 290 | 5600 | 250 | 70 | 2550x2420x1465 |

# HB 660R

**HB660R E4**

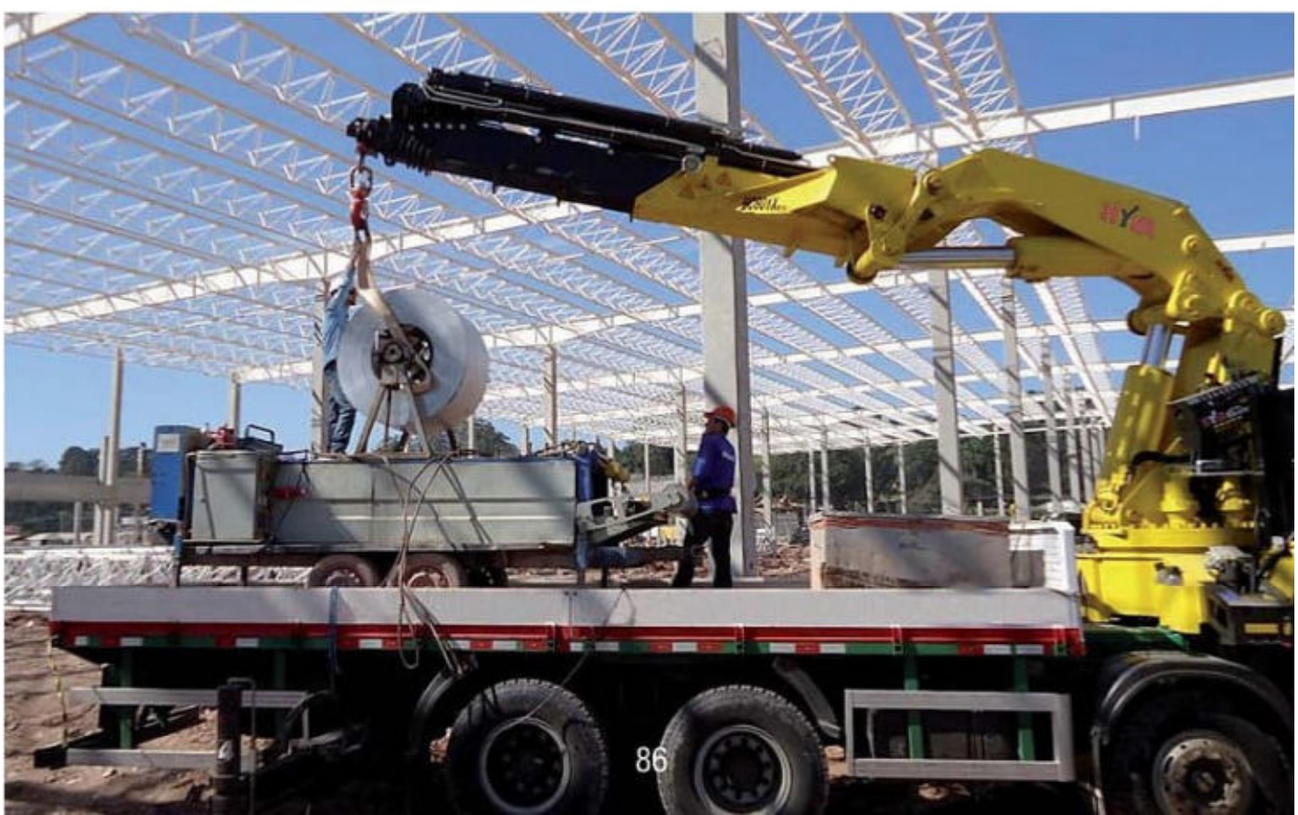
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 29400* | 13220 | 9300 | 7070 | 5640 | 4750 | 3540 | 3085 | 2400 |
| m | 2,0 | 4,45 | 6,3 | 8,15 | 10,15 | 12,15 | 14,3 | 16,4 | 18,6 |

**HB660R E6**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 28100* | 12500 | 8620 | 5080 | 4185 | 3540 | 3540 | 3085 | 2400 | 1920 |
| m | 2,0 | 4,5 | 6,35 | 8,2 | 10,2 | 12,2 | 14,3 | 16,4 | 18,6 | 20,9 |

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HB660R E4 | 58,8 | 16,3 | 420 | 18 | 4 | 300 | 5150 | 250 | 70 | 2550x2420x1465 |
| HB660R E6 | - | 20,5 | 420 | 18 | 4 | 300 | 5650 | 250 | 70 | 2550x2420x1465 |



# HC

**HC 91**
**HC 91K**
**HC 95**
**HC 103** X
**HC 111**
**HC 111K**
**HC 121**
**HC 125** X
**HC 131**
**HC 131K**
**HC 143**
**HC 153** X
**HC 161**
**HC 161K**
**HC 173**
**HC 183** X
**HC 213**
**HC 213K**
**HC 223**
**HC 231** X
**HC 235e** X
**HC 243**
**HC 243K**
**HC 245**
**HC 261** X
**HC 265e** X
**HC 291**
**HC 331**
**HC 361**
**HC 501** X
**HC 601e** X
**HC 661e** X
**HC 801** X
**HC 951**
**HC 1151**
**HC 1651**

**Best in class articulated cranes.**
**For heavy users who require ultimate precision and lifting capacity.**
**Packed with innovation, the HC line offers a wide range of accessories besides the already standard incorporated features**

# HC 91

**HC91 E1**

| | | | |
|---|---|---|---|
| kg | 8340* | 2000 | 1400 |
| m | 1,00 | 4,17 | 5,98 |

**HC91 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 3900* | 935 | 1330 | 1015 | 720 | 515 |
| m | 1,00 | 4,17 | 5,98 | 7,79 | 9,82 | 11,85 |

**HC91 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 7630* | 1795 | 1210 | 910 | 720 | 515 | 355 |
| m | 1,00 | 4,25 | 6,06 | 7,87 | 9,82 | 11,85 | 14,00 |

**HC91 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 7380* | 1705 | 1130 | 830 | 640 | 515 | 355 | 280 |
| m | 1,00 | 4,33 | 6,14 | 7,95 | 9,90 | 11,85 | 14,00 | 16,18 |

**HC91 E5**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 7040* | 1600 | 1040 | 710 | 535 | 430 | 355 | 280 |
| m | 1,00 | 4,40 | 6,21 | 8,02 | 9,97 | 11,92 | 14,00 | 16,18 |

*) Theoretical lifting capacity

# HC 91

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC91 E1 | 8,4 | 9,3 | 425 | 20 | 4 | 315 | 1105 | 75 | 40 | 2290X2085X800 |
| HC91 E2 | - | 10,9 | 425 | 20 | 4 | 315 | 1195 | 75 | 40 | 2290X2085X800 |
| HC91 E3 | - | 13,1 | 425 | 20 | 4 | 315 | 1285 | 75 | 40 | 2300X2085X800 |
| HC91 E4 | - | 15,1 | 425 | 20 | 4 | 315 | 1370 | 75 | 40 | 2300X2085X800 |
| HC91 E5 | - | 17,3 | 425 | 20 | 4 | 315 | 1445 | 75 | 40 | 2300X2085X845 |

# HC 91 K

**HC91K E2**

| | | | | | |
|---|---|---|---|---|---|
| kg | 8290* | 2390 | 1700 | 1210 | |
| m | 1,00 | 3,47 | 4,91 | 6,72 | |

**HC91K E3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 8040* | 2265 | 1555 | 1115 | 850 |
| m | 1,00 | 3,55 | 5,00 | 6,30 | 8,75 |

*) Theoretical lifting capacity

# HC 91 K

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC91K E2 | 8,3 | 10,1 | 425 | 20 | 4 | 315 | 1170 | 75 | 40 | 2285x2085x885 |
| HC91K E3 | - | 12,2 | 425 | 20 | 4 | 315 | 1260 | 75 | 40 | 2285x2085x885 |

# HC 95

**HC95 E1**

| | | | |
|---|---|---|---|
| kg | 8860* | 2125 | 1490 |
| m | 1,00 | 4,17 | 5,98 |

**HC95 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 8570* | 2055 | 1415 | 1080 | 765 | 565 |
| m | 1,00 | 4,17 | 5,98 | 7,79 | 9,82 | 11,85 |

**HC95 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 8330* | 1960 | 1320 | 990 | 785 | 580 | 400 |
| m | 1,00 | 4,25 | 6,06 | 7,87 | 9,82 | 11,85 | 14,00 |

**HC95 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 8010* | 1850 | 1220 | 895 | 690 | 560 | 400 | 335 |
| m | 1,00 | 4,33 | 6,14 | 7,95 | 9,90 | 11,85 | 14,00 | 16,18 |

**HC95 E5**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 7480* | 1700 | 1100 | 790 | 595 | 475 | 395 | 310 |
| m | 1,00 | 4,40 | 6,21 | 8,02 | 9,97 | 11,92 | 14,00 | 16,18 |

*) Theoretical lifting capacity

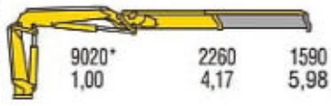
# HC 95

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC95 E1 | 8,9 | 9,3 | 425 | 20 | 4 | 335 | 1105 | 75 | 40 | 2290X2085X800 |
| HC95 E2 | - | 10,9 | 425 | 20 | 4 | 335 | 1195 | 75 | 40 | 2290X2085X800 |
| HC95 E3 | - | 13,1 | 425 | 20 | 4 | 335 | 1285 | 75 | 40 | 2300X2085X800 |
| HC95 E4 | - | 15,1 | 425 | 20 | 4 | 330 | 1370 | 75 | 40 | 2300X2085X800 |
| HC95 E5 | - | 17,3 | 425 | 20 | 4 | 327 | 1445 | 75 | 40 | 2300X2085X845 |

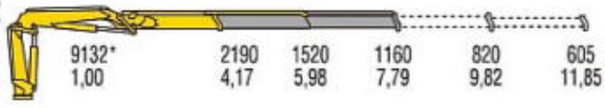
# HC 103 X

**HC103 E1**



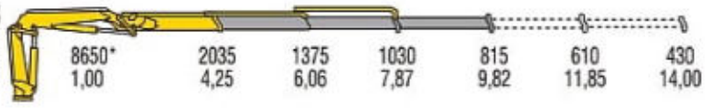
| | | | |
|---|---|---|---|
| kg | 9020* | 2260 | 1590 |
| m | 1,00 | 4,17 | 5,98 |

**HC103 E2**



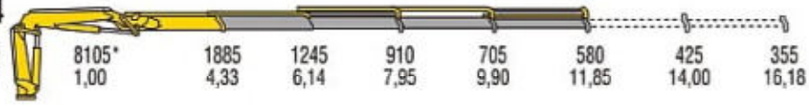
| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 9132* | 2190 | 1520 | 1160 | 820 | 605 |
| m | 1,00 | 4,17 | 5,98 | 7,79 | 9,82 | 11,85 |

**HC103 E3**



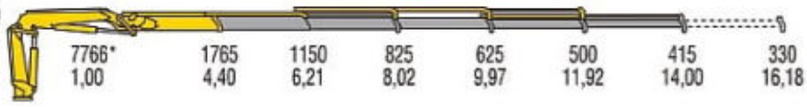
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 8650* | 2035 | 1375 | 1030 | 815 | 610 | 430 |
| m | 1,00 | 4,25 | 6,06 | 7,87 | 9,82 | 11,85 | 14,00 |

**HC103 E4**



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 8105* | 1885 | 1245 | 910 | 705 | 580 | 425 | 355 |
| m | 1,00 | 4,33 | 6,14 | 7,95 | 9,90 | 11,85 | 14,00 | 16,18 |

**HC103 E5**



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 7766* | 1765 | 1150 | 825 | 625 | 500 | 415 | 330 |
| m | 1,00 | 4,40 | 6,21 | 8,02 | 9,97 | 11,92 | 14,00 | 16,18 |

*) Theoretical lifting capacity

# HC 103 X

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**P-LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC103 E1 | 9,5 | 9,3 | 425 | 20 | 4 | 350 | 1215 | 75 | 40 | 2290X2085X800 |
| HC103 E2 | - | 10,9 | 425 | 20 | 4 | 350 | 1305 | 75 | 40 | 2290X2085X800 |
| HC103 E3 | - | 13,1 | 425 | 20 | 4 | 347 | 1395 | 75 | 40 | 2300X2085X800 |
| HC103 E4 | - | 15,1 | 425 | 20 | 4 | 340 | 1480 | 75 | 40 | 2300X2085X800 |
| HC103 E5 | - | 17,3 | 425 | 20 | 4 | 336 | 1555 | 75 | 40 | 2300X2085X845 |

# HC 111

**HC111 E1**

| | | | |
|---|---|---|---|
| kg | 10215* | 2450 | 1705 |
| m | 1,00 | 4,17 | 5,98 |

**HC111 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 9880* | 2370 | 1620 | 1225 | 880 | 640 |
| m | 1,00 | 4,17 | 5,98 | 7,79 | 9,82 | 11,85 |

**HC111 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 9435* | 2220 | 1490 | 1110 | 880 | 640 | 460 |
| m | 1,00 | 4,25 | 6,06 | 7,87 | 9,82 | 11,85 | 14,00 |

**HC111 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 9045* | 2090 | 1375 | 1005 | 780 | 640 | 460 | 370 |
| m | 1,00 | 4,33 | 6,14 | 7,95 | 9,90 | 11,85 | 14,00 | 16,19 |

**HC111 E5**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 8755* | 1990 | 1290 | 925 | 695 | 560 | 465 | 370 |
| m | 1,00 | 4,40 | 6,21 | 8,02 | 9,97 | 11,92 | 14,00 | 16,19 |

*) Theoretical lifting capacity

# HC 111

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

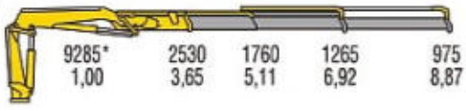
| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC111 E1 | 10,2 | 9,5 | 425 | 20 | 4 | 315 | 1155 | 75 | 40 | 2290X2085X800 |
| HC111 E2 | - | 11,3 | 425 | 20 | 4 | 315 | 1265 | 75 | 40 | 2290X2085X800 |
| HC111 E3 | - | 13,3 | 425 | 20 | 4 | 315 | 1370 | 75 | 40 | 2300X2085X800 |
| HC111 E4 | - | 15,4 | 425 | 20 | 4 | 315 | 1465 | 75 | 40 | 2300X2085X800 |
| HC111 E5 | - | 17,5 | 425 | 20 | 4 | 315 | 1555 | 75 | 40 | 2300X2085X845 |

# HC 111K

**HC111K E2**

| kg | 9590* | 2665 | 1875 | 1370 |
|---|---|---|---|---|
| m | 1,00 | 3,60 | 5,04 | 6,85 |

**HC111K E3**



| kg | 9285* | 2530 | 1760 | 1265 | 975 |
|---|---|---|---|---|---|
| m | 1,00 | 3,65 | 5,11 | 6,92 | 8,87 |

*) Theoretical lifting capacity

# HC 111K

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC111K E2 | 9,5 | 10,3 | 425 | 20 | 4 | 315 | 1230 | 75 | 40 | 2280x2110x840 |
| HC111K E3 | - | 12,4 | 425 | 20 | 4 | 315 | 1340 | 75 | 40 | 2280x2110x840 |

# HC 121

**HC121 E1**

| | | | |
|---|---|---|---|
| kg | 10800* | 2590 | 1800 |
| m | 1,00 | 4,17 | 5,98 |

**HC121 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 10465* | 2510 | 1710 | 1305 | 955 | 695 |
| m | 1,00 | 4,17 | 5,98 | 7,79 | 9,82 | 11,85 |

**HC121 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 10155* | 2390 | 1610 | 1205 | 955 | 695 | 500 |
| m | 1,00 | 4,25 | 6,06 | 7,87 | 9,82 | 11,85 | 14,00 |

**HC121 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 9675* | 2235 | 1480 | 1090 | 845 | 695 | 500 | 405 |
| m | 1,00 | 4,33 | 6,14 | 7,95 | 9,90 | 11,85 | 14,00 | 16,19 |

**HC121 E5**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 9215* | 2095 | 1365 | 985 | 746 | 600 | 500 | 405 |
| m | 1,00 | 4,40 | 6,21 | 8,02 | 9,97 | 11,92 | 14,00 | 16,19 |

*) Theoretical lifting capacity

# HC 121

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC121 E1 | 10,8 | 9,5 | 425 | 20 | 4 | 335 | 1155 | 75 | 40 | 2280X2110X840 |
| HC121 E2 | - | 11,3 | 425 | 20 | 4 | 335 | 1265 | 75 | 40 | 2280X2110X840 |
| HC121 E3 | - | 13,3 | 425 | 20 | 4 | 335 | 1370 | 75 | 40 | 2280X2110X840 |
| HC121 E4 | - | 15,4 | 425 | 20 | 4 | 330 | 1465 | 75 | 40 | 2280X2110X840 |
| HC121 E5 | - | 17,5 | 425 | 20 | 4 | 330 | 1555 | 75 | 40 | 2280X2110X885 |

# HC 125 X

**HC125 E1**

| | | | |
|---|---|---|---|
| kg | 11505* | 2760 | 1920 |
| m | 1,00 | 4,17 | 5,98 |

**HC125 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 11175* | 2680 | 1830 | 1395 | 995 | 715 |
| m | 1,00 | 4,17 | 5,98 | 7,79 | 9,82 | 11,85 |

**HC125 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 10580* | 2490 | 1680 | 1260 | 995 | 715 | 525 |
| m | 1,00 | 4,25 | 6,06 | 7,87 | 9,82 | 11,85 | 14,00 |

**HC125 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 9935* | 2295 | 1525 | 1120 | 870 | 715 | 525 | 430 |
| m | 1,00 | 4,33 | 6,14 | 7,95 | 9,90 | 11,85 | 14,00 | 16,19 |

**HC125 E5**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 9570* | 2175 | 1425 | 1030 | 780 | 630 | 525 | 430 |
| m | 1,00 | 4,40 | 6,21 | 8,02 | 9,97 | 11,92 | 14,00 | 16,19 |

*) Theoretical lifting capacity

# HC 125 X

**EES** Extra Extension Speed
**SDS** Smooth Descent System
**P-LCS** Proportional Lift Control System
**LAS** Liftrod Articulating System

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC125 E1 | 8,9 | 8,0 | 425 | 20 | 4 | 350 | 1215 | 75 | 40 | 2290X2085X800 |
| HC125 E2 | - | 9,8 | 425 | 20 | 4 | 350 | 1305 | 75 | 40 | 2290X2085X800 |
| HC125 E3 | - | 11,9 | 425 | 20 | 4 | 350 | 1395 | 75 | 40 | 2300X2085X800 |
| HC125 E4 | - | 13,9 | 425 | 20 | 4 | 350 | 1480 | 75 | 40 | 2300X2085X800 |
| HC125 E5 | - | 16,1 | 425 | 20 | 4 | 350 | 1555 | 75 | 40 | 2300X2085X845 |

# HC 131

**HC131 E2**

| kg | 12010* | 2595 | 1770 | 1345 | 975 | 720 | 525 |
|---|---|---|---|---|---|---|---|
| m | 1,00 | 4,63 | 6,58 | 8,53 | 10,91 | 12,96 | 15,11 |

**HC131 E3**

| kg | 11610* | 2465 | 1650 | 1230 | 975 | 720 | 525 | 375 |
|---|---|---|---|---|---|---|---|---|
| m | 1,00 | 4,71 | 6,66 | 8,61 | 10,66 | 12,96 | 15,11 | 17,26 |

**HC131 E4**

| kg | 11230* | 2340 | 1540 | 1125 | 870 | 720 | 525 | 375 | 280 |
|---|---|---|---|---|---|---|---|---|---|
| m | 1,00 | 4,80 | 6,75 | 8,70 | 10,75 | 12,80 | 15,11 | 17,26 | 19,36 |

**HC131 E5**

| kg | 10860* | 2225 | 1435 | 1025 | 775 | 625 | 525 | 375 | 280 |
|---|---|---|---|---|---|---|---|---|---|
| m | 1,00 | 4,88 | 6,83 | 8,78 | 10,83 | 12,88 | 15,03 | 17,26 | 19,36 |

**HC131 E6**

| kg | 10520* | 2120 | 1345 | 935 | 690 | 535 | 435 | 375 | 280 |
|---|---|---|---|---|---|---|---|---|---|
| m | 1,00 | 4,96 | 6,91 | 8,86 | 10,91 | 12,96 | 15,11 | 17,26 | 19,36 |

**HC131 E3J2**

| kg | 430 | 380 | 340 | 260 |
|---|---|---|---|---|
| m | 13,35 | 14,75 | 16,22 | 17,80 |

**HC131 E4J2**

| kg | 250 | 220 | 200 | 130 |
|---|---|---|---|---|
| m | 15,50 | 16,85 | 18,35 | 19,89 |

*) Theoretical lifting capacity

# HC 131

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC131 E2 | 12,0 | 12,2 | 425 | 20 | 4 | 290 | 1610 | 130 | 60 | 2450x2330x825 |
| HC131 E3 | - | 14,4 | 425 | 20 | 4 | 290 | 1725 | 130 | 60 | 2450x2330x825 |
| HC131 E4 | - | 16,5 | 425 | 20 | 4 | 290 | 1830 | 130 | 60 | 2450x2330x825 |
| HC131 E5 | - | 18,8 | 425 | 20 | 4 | 290 | 1930 | 130 | 60 | 2450x2330x895 |
| HC131 E6 | - | 21,0 | 425 | 20 | 4 | 290 | 2020 | 130 | 60 | 2450x2330x895 |
| HC131 E3J2 | - | 19,8 | 425 | 20 | 3 | 290 | 2125 | 130 | 60 | 2450x2450x940 |
| HC131 E4J2 | - | 22,0 | 425 | 20 | 3 | 290 | 2230 | 130 | 60 | 2475x2497x940 |

# HC 131K

**HC131K E2**

| | | | | |
|---|---|---|---|---|
| kg | 12520* | 3210 | 2310 | 1700 |
| m | 1,00 | 3,90 | 5,30 | 7,10 |

**HC131K E3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 12170* | 3080 | 2200 | 1600 | 1250 |
| m | 1,00 | 3,95 | 5,38 | 7,20 | 9,15 |

*) Theoretical lifting capacity

# HC 131 K

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC131K E2 | 12,5 | 10,9 | 425 | 20 | 4 | 300 | 1525 | 130 | 40 | 2455x2330x825 |
| HC131K E3 | - | 12,9 | 425 | 20 | 4 | 300 | 1625 | 130 | 40 | 2455x2330x825 |

# HC 143

**HC143 E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 12390* | 2675 | 1840 | 1415 | 1045 | 780 | 575 |
| m | 1,00 | 4,63 | 6,58 | 8,53 | 10,91 | 12,96 | 15,11 |

**HC143 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 11940* | 2535 | 1720 | 1295 | 1045 | 780 | 575 | 420 |
| m | 1,00 | 4,71 | 6,66 | 8,61 | 10,66 | 12,96 | 15,11 | 17,26 |

**HC143 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 11570* | 2410 | 1605 | 1185 | 930 | 780 | 575 | 420 | 320 |
| m | 1,00 | 4,80 | 6,75 | 8,70 | 10,75 | 12,80 | 15,11 | 17,26 | 19,36 |

**HC143 E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 11180* | 2290 | 1500 | 1080 | 830 | 675 | 575 | 420 | 320 |
| m | 1,00 | 4,88 | 6,83 | 8,78 | 10,83 | 12,88 | 15,03 | 17,26 | 19,36 |

**HC143 E6**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 10840* | 2185 | 1405 | 990 | 740 | 585 | 480 | 420 | 320 |
| m | 1,00 | 4,96 | 6,91 | 8,86 | 10,91 | 12,96 | 15,11 | 17,26 | 19,36 |

**HC143 E3J2**

| | | | | |
|---|---|---|---|---|
| kg | 465 | 420 | 380 | 290 |
| m | 13,35 | 14,75 | 16,22 | 17,80 |

**HC143 E4J2**

| | | | | |
|---|---|---|---|---|
| kg | 290 | 250 | 230 | 160 |
| m | 15,50 | 16,85 | 18,35 | 19,89 |

*) Theoretical lifting capacity

# HC 143

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC143 E2 | 12,4 | 12,2 | 425 | 20 | 4 | 305 | 1610 | 130 | 30 | 2450x2330x825 |
| HC143 E3 | - | 14,4 | 425 | 20 | 4 | 305 | 1725 | 130 | 30 | 2450x2330x825 |
| HC143 E4 | - | 16,5 | 425 | 20 | 4 | 305 | 1830 | 130 | 30 | 2450x2330x825 |
| HC143 E5 | - | 18,7 | 425 | 20 | 4 | 305 | 1930 | 130 | 30 | 2450x2330x895 |
| HC143 E6 | - | 21,0 | 425 | 20 | 4 | 305 | 2020 | 130 | 30 | 2450x2330x895 |
| HC143 E3J2 | - | 19,9 | 425 | 20 | 3 | 305 | 2125 | 130 | 30 | 2450x2450x940 |
| HC143 E4J2 | - | 22,0 | 425 | 20 | 3 | 305 | 2230 | 130 | 30 | 2475x2497x940 |

# HC 153 X

**HC153X E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 13940* | 3010 | 2060 | 1570 | 1160 | 870 | 655 |
| m | 1,00 | 4,63 | 6,58 | 8,53 | 10,91 | 12,96 | 15,11 |

**HC153X E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 13520* | 2870 | 1940 | 1455 | 1160 | 870 | 655 | 485 |
| m | 1,00 | 4,71 | 6,66 | 8,61 | 10,66 | 12,96 | 15,11 | 17,26 |

**HC153X E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 13150* | 2740 | 1825 | 1345 | 1050 | 870 | 655 | 485 | 395 |
| m | 1,00 | 4,80 | 6,75 | 8,70 | 10,75 | 12,80 | 15,11 | 17,26 | 19,36 |

**HC153X E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 12760* | 2615 | 1720 | 1245 | 955 | 775 | 655 | 485 | 395 |
| m | 1,00 | 4,88 | 6,83 | 8,78 | 10,83 | 12,88 | 15,03 | 17,26 | 19,36 |

**HC153X E6**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 12420* | 2505 | 1625 | 1155 | 865 | 685 | 565 | 485 | 395 |
| m | 1,00 | 4,96 | 6,91 | 8,86 | 10,91 | 12,96 | 15,11 | 17,26 | 19,36 |

**HC153X E3J2**

| | | | | |
|---|---|---|---|---|
| kg | 615 | 560 | 500 | 350 |
| m | 13,35 | 14,75 | 16,22 | 17,80 |

**HC153X E4J2**

| | | | | |
|---|---|---|---|---|
| kg | 420 | 380 | 340 | 200 |
| m | 15,50 | 16,85 | 18,35 | 19,89 |

*) Theoretical lifting capacity

# HC 153 X

**EES** Extra Extension Speed
**SDS** Smooth Descent System
**P-LCS** Proportional Lift Control System
**LAS** Liftrod Articulating System

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC153X E2 | 13,9 | 12,2 | 425 | 20 | 4 | 325 | 1610 | 130 | 60 | 2450x2330x825 |
| HC153X E3 | - | 14,4 | 425 | 20 | 4 | 325 | 1725 | 130 | 60 | 2450x2330x825 |
| HC153X E4 | - | 16,5 | 425 | 20 | 4 | 325 | 1830 | 130 | 60 | 2450x2330x825 |
| HC153X E5 | - | 18,7 | 425 | 20 | 4 | 325 | 1930 | 130 | 60 | 2450x2330x895 |
| HC153X E6 | - | 21,0 | 425 | 20 | 4 | 325 | 2020 | 130 | 60 | 2450x2330x895 |
| HC153X E3J2 | - | 19,9 | 425 | 20 | 3 | 325 | 2125 | 130 | 60 | 2450x2450x940 |
| HC153X E4J2 | - | 22,0 | 425 | 20 | 3 | 325 | 2230 | 130 | 60 | 2475x2497x940 |

# HC 161

**HC161 E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 15330* | 3310 | 2265 | 1725 | 1270 | 950 | 710 |
| m | 1,00 | 4,63 | 6,58 | 8,53 | 10,91 | 12,96 | 15,11 |

**HC161 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 14860* | 3155 | 2125 | 1590 | 1270 | 950 | 710 | 530 |
| m | 1,00 | 4,71 | 6,66 | 8,61 | 10,66 | 12,96 | 15,11 | 17,26 |

**HC161 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 14450* | 3010 | 2000 | 1470 | 1150 | 950 | 710 | 530 | 400 |
| m | 1,00 | 4,80 | 6,75 | 8,70 | 10,75 | 12,80 | 15,11 | 17,26 | 19,36 |

**HC161 E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 14030* | 2875 | 1885 | 1360 | 1040 | 845 | 710 | 530 | 400 |
| m | 1,00 | 4,88 | 6,83 | 8,78 | 10,83 | 12,88 | 15,03 | 17,26 | 19,36 |

**HC161 E6**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 13640* | 2750 | 1780 | 1260 | 945 | 745 | 615 | 530 | 400 |
| m | 1,00 | 4,96 | 6,91 | 8,86 | 10,91 | 12,96 | 15,11 | 17,26 | 19,36 |

**HC161 E3J3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 640 | 545 | 485 | 425 | 320 | 270 | | | |
| m | 13,60 | 15,20 | 16,70 | 18,30 | 19,90 | 21,70 | | | |

*) Theoretical lifting capacity

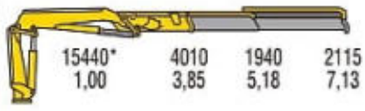
# HC 161

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC161 E2 | 15,3 | 12,2 | 425 | 20 | 4 | 300 | 1740 | 130 | 40 | 2475x2330x825 |
| HC161 E3 | - | 14,4 | 425 | 20 | 4 | 300 | 1870 | 130 | 40 | 2475x2330x825 |
| HC161 E4 | - | 16,5 | 425 | 20 | 4 | 300 | 1990 | 130 | 40 | 2475x2330x825 |
| HC161 E5 | - | 18,7 | 425 | 20 | 4 | 300 | 2100 | 130 | 40 | 2475x2330x905 |
| HC161 E6 | - | 21,0 | 425 | 20 | 4 | 300 | 2195 | 130 | 40 | 2475x2330x905 |
| HC161 E3J3 | - | 21,9 | 425 | 20 | 3 | 315 | 2360 | 130 | 40 | 2475x2615x957 |

# HC 161K

**HC161K E2**



| | | | | |
|---|---|---|---|---|
| kg | 15440* | 4010 | 1940 | 2115 |
| m | 1,00 | 3,85 | 5,18 | 7,13 |

**HC161K E3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 15050* | 3860 | 2805 | 1990 | 1530 |
| m | 1,00 | 3,90 | 5,23 | 7,18 | 9,23 |

*) Theoretical lifting capacity

# HC 161K

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC161K E2 | 15,4 | 10,9 | 425 | 20 | 4 | 300 | 1630 | 130 | 40 | 2455x2330x825 |
| HC161K E3 | - | 12,9 | 425 | 20 | 4 | 300 | 1755 | 130 | 40 | 2455x2330x825 |

# HC 173

**HC173 E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 15720* | 3395 | 2345 | 1810 | 1350 | 1025 | 780 |
| m | 1,00 | 4,63 | 6,58 | 8,53 | 10,91 | 12,96 | 15,11 |

**HC173 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 15260* | 3240 | 2205 | 1670 | 1350 | 1025 | 780 | 585 |
| m | 1,00 | 4,71 | 6,66 | 8,61 | 10,66 | 12,96 | 15,11 | 17,26 |

**HC173 E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 14830* | 3090 | 2075 | 1545 | 1225 | 1025 | 780 | 585 | 450 |
| m | 1,00 | 4,80 | 6,75 | 8,70 | 10,75 | 12,80 | 15,11 | 17,26 | 19,36 |

**HC173 E5**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 14420* | 2955 | 1955 | 1430 | 1110 | 910 | 780 | 585 | 450 |
| m | 1,00 | 4,88 | 6,83 | 8,78 | 10,83 | 12,88 | 15,03 | 17,26 | 19,36 |

**HC173 E6**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 14040* | 2830 | 1845 | 1325 | 1005 | 805 | 675 | 585 | 450 |
| m | 1,00 | 4,96 | 6,91 | 8,86 | 10,91 | 12,96 | 15,11 | 17,26 | 19,36 |

**HC173 E3J3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 700 | 605 | 560 | 475 | 370 | 310 |
| m | 13,60 | 15,20 | 16,70 | 18,30 | 19,90 | 21,70 |

*) Theoretical lifting capacity

# HC 173

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC173 E2 | 15,7 | 12,2 | 425 | 20 | 4 | 310 | 1745 | 130 | 40 | 2475x2330x825 |
| HC173 E3 | - | 14,4 | 425 | 20 | 4 | 310 | 1875 | 130 | 40 | 2475x2330x825 |
| HC173 E4 | - | 16,5 | 425 | 20 | 4 | 310 | 1995 | 130 | 40 | 2475x2330x825 |
| HC173 E5 | - | 18,7 | 425 | 20 | 4 | 310 | 2105 | 130 | 40 | 2475x2330x905 |
| HC173 E6 | - | 21,0 | 425 | 20 | 4 | 310 | 2200 | 130 | 40 | 2475x2330x905 |
| HC173 E3J3 | - | 21,9 | 425 | 20 | 3 | 330 | 2365 | 130 | 40 | 2475x2615x957 |

# HC 183 X

**HC183X E2**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 17290* | 3735 | 2560 | 1955 | 1455 | 1105 | 845 |
| m | 1,00 | 4,63 | 6,58 | 8,53 | 10,91 | 12,96 | 15,11 |

**HC183X E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 16810* | 3570 | 2420 | 1820 | 1455 | 1105 | 845 | 645 |
| m | 1,00 | 4,71 | 6,66 | 8,61 | 10,66 | 12,96 | 15,11 | 17,26 |

**HC183X E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 16390* | 3415 | 2290 | 1700 | 1335 | 1105 | 845 | 645 | 510 |
| m | 1,00 | 4,80 | 6,75 | 8,70 | 10,75 | 12,80 | 15,11 | 17,26 | 19,36 |

**HC183X E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 15980* | 3275 | 2170 | 1585 | 1225 | 995 | 845 | 645 | 510 |
| m | 1,00 | 4,88 | 6,83 | 8,78 | 10,83 | 12,88 | 15,03 | 17,26 | 19,36 |

**HC183X E6**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 15600* | 3145 | 2065 | 1485 | 1125 | 900 | 745 | 645 | 510 |
| m | 1,00 | 4,96 | 6,91 | 8,86 | 10,91 | 12,96 | 15,11 | 17,26 | 19,36 |

**HC183X E3J3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | | | | | | 730 | 645 | 575 | 505 | 400 | 340 |
| m | | | | | | 13,60 | 15,20 | 16,70 | 18,30 | 19,90 | 21,70 |

*) Theoretical lifting capacity

# HC 183 X

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**P-LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC183X E2 | 17,3 | 12,2 | 425 | 20 | 4 | 330 | 1745 | 130 | 60 | 2475x2330x825 |
| HC183X E3 | - | 14,4 | 425 | 20 | 4 | 330 | 1875 | 130 | 60 | 2475x2330x825 |
| HC183X E4 | - | 16,5 | 425 | 20 | 4 | 330 | 1995 | 130 | 60 | 2475x2330x825 |
| HC183X E5 | - | 18,7 | 425 | 20 | 4 | 330 | 2105 | 130 | 60 | 2475x2330x905 |
| HC183X E6 | - | 21,0 | 425 | 20 | 4 | 330 | 2200 | 130 | 60 | 2475x2330x905 |
| HC183X E3J3 | - | 21,9 | 425 | 20 | 3 | 340 | 2365 | 130 | 60 | 2475x2615x957 |

# HC 213

**HC213 E2**

| | | | | |
|---|---|---|---|---|
| kg | 19810* | 4555 | 3075 | 2325 |
| m | 1,00 | 4,35 | 6,32 | 8,29 |

**HC213 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 18745* | 4310 | 2840 | 2120 | 1670 | 1115 | 940 | 725 |
| m | 1,00 | 4,35 | 6,32 | 8,29 | 10,36 | 12,51 | 14,73 | 17,01 |

**HC213 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 18160* | 4100 | 2685 | 1960 | 1525 | 1255 | 940 | 725 | 600 |
| m | 1,00 | 4,43 | 6,40 | 8,37 | 10,44 | 12,51 | 14,72 | 17,01 | 19,11 |

**HC213 E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 17585* | 3900 | 2525 | 1815 | 1385 | 1120 | 945 | 725 | 600 |
| m | 1,00 | 4,51 | 6,48 | 8,45 | 10,52 | 12,59 | 14,72 | 17,01 | 19,11 |

**HC213 E6**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 17225* | 3745 | 2405 | 1810 | 1345 | 1050 | 845 | 730 | 600 |
| m | 1,00 | 4,60 | 6,57 | 8,54 | 10,61 | 12,68 | 14,81 | 17,01 | 19,11 |

**HC213 E3J3**

| | | | | |
|---|---|---|---|---|
| kg | 710 | 600 | 520 | 465 |
| m | 13,36 | 15,06 | 16,81 | 18,56 |

**HC213 E4J3**

| | | | | |
|---|---|---|---|---|
| kg | 575 | 505 | 450 | 410 |
| m | 15,43 | 16,99 | 18,55 | 20,11 |

**HC213 E5J2**

| | | | |
|---|---|---|---|
| kg | 525 | 480 | 445 |
| m | 17,41 | 18,79 | 20,27 |

*) Theoretical lifting capacity

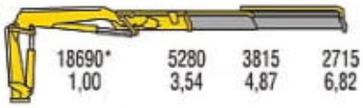
# HC 213

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC213 E2 | 19,8 | 12,0 | 415 | 20 | 4 | 320 | 2210 | 130 | 70 | 2520x2300x930 |
| HC213 E3 | - | 14,1 | 415 | 20 | 4 | 310 | 2360 | 130 | 70 | 2520x2300x930 |
| HC213 E4 | - | 16,2 | 415 | 20 | 4 | 310 | 2510 | 130 | 70 | 2520x2300x930 |
| HC213 E5 | - | 18,4 | 415 | 20 | 4 | 310 | 2630 | 130 | 70 | 2520x2300x930 |
| HC213 E6 | - | 20,7 | 415 | 20 | 4 | 310 | 2725 | 130 | 70 | 2520x2300x930 |
| HC213 E3J3 | - | 22,2 | 415 | 20 | 3 | - | 3020 | 130 | 70 | 2520x2695x1050 |
| HC213 E4J3 | - | 23,8 | 415 | 20 | 3 | - | 3000 | 130 | 70 | 2520x2600x1050 |
| HC213 E5J2 | - | 23,9 | 415 | 20 | 3 | - | 2905 | 130 | 70 | 2520x2550x1050 |

# HC 213K

**HC213K E2**



| | | | | | |
|---|---|---|---|---|---|
| kg | 18690* | 5280 | 3815 | 2715 | |
| m | 1,00 | 3,54 | 4,87 | 6,82 | |

**HC213K E3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 17675* | 4870 | 3380 | 2455 | 1880 | |
| m | 1,00 | 3,63 | 4,96 | 6,91 | 8,96 | |

**HC213K E4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 17315* | 4680 | 3340 | 2320 | 1750 | 1410 |
| m | 1,00 | 3,70 | 5,03 | 6,98 | 9,03 | 11,08 |

*) Theoretical lifting capacity

# HC 213K

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC213K E2 | 18,7 | 10,5 | 415 | 20 | 4 | 300 | 2085 | 130 | 70 | 2520x2300x870 |
| HC213K E3 | - | 12,7 | 415 | 20 | 4 | 300 | 2220 | 130 | 70 | 2520x2300x870 |
| HC213K E4 | - | 14,8 | 415 | 20 | 4 | 300 | 2340 | 130 | 70 | 2520x2300x870 |

# HC 223

**HC223 E2**

| | | | | |
|---|---|---|---|---|
| kg | 20705* | 4760 | 3245 | 2475 |
| m | 1,00 | 4,35 | 6,32 | 8,29 |

**HC223 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 20180* | 4640 | 3110 | 2310 | 1870 | 1240 | 1065 | 725 |
| m | 1,00 | 4,35 | 6,32 | 8,29 | 10,36 | 12,51 | 14,73 | 17,01 |

**HC223 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 19580* | 4420 | 2970 | 2140 | 1700 | 1395 | 1065 | 835 | 600 |
| m | 1,00 | 4,43 | 6,40 | 8,37 | 10,44 | 12,51 | 14,72 | 17,01 | 19,11 |

**HC223 E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 19300* | 4280 | 2730 | 2020 | 1545 | 1250 | 1070 | 840 | 705 |
| m | 1,00 | 4,51 | 6,48 | 8,45 | 10,52 | 12,59 | 14,72 | 17,01 | 19,11 |

**HC223 E6**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 18860* | 4100 | 2615 | 1910 | 1485 | 1180 | 1000 | 840 | 705 |
| m | 1,00 | 4,60 | 6,57 | 8,54 | 10,61 | 12,68 | 14,81 | 17,01 | 19,11 |

**HC223 E3J3**

| | | | | |
|---|---|---|---|---|
| kg | 775 | 660 | 580 | 525 |
| m | 13,36 | 15,06 | 16,81 | 18,56 |

**HC223 E4J3**

| | | | | |
|---|---|---|---|---|
| kg | 635 | 565 | 510 | 470 |
| m | 15,43 | 16,99 | 18,55 | 20,11 |

**HC223 E5J2**

| | | | |
|---|---|---|---|
| kg | 590 | 540 | 510 |
| m | 17,41 | 18,79 | 20,27 |

*) Theoretical lifting capacity

# HC 223

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC223 E2 | 20,7 | 12,0 | 415 | 20 | 4 | 335 | 2210 | 130 | 70 | 2520x2300x930 |
| HC223 E3 | - | 14,1 | 415 | 20 | 4 | 335 | 2360 | 130 | 70 | 2520x2300x930 |
| HC223 E4 | - | 16,2 | 415 | 20 | 4 | 335 | 2510 | 130 | 70 | 2520x2300x930 |
| HC223 E5 | - | 18,4 | 415 | 20 | 4 | 335 | 2630 | 130 | 70 | 2520x2300x930 |
| HC223 E6 | - | 20,7 | 415 | 20 | 4 | 335 | 2725 | 130 | 70 | 2520x2300x930 |
| HC223 E3J3 | - | 22,2 | 415 | 20 | 3 | - | 3020 | 130 | 70 | 2520x2695x1050 |
| HC223 E4J3 | - | 23,8 | 415 | 20 | 3 | - | 3000 | 130 | 70 | 2520x2600x1050 |
| HC223 E5J2 | - | 23,9 | 415 | 20 | 3 | - | 2905 | 130 | 70 | 2520x2550x1050 |

# HC 231 X

**HC231 E2**

| | | | | |
|---|---|---|---|---|
| kg | 21705* | 4990 | 3380 | 2560 |
| m | 1,00 | 4,35 | 6,32 | 8,29 |

**HC231 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 21160* | 4865 | 3245 | 2420 | 1915 | 1460 | 1130 | 725 |
| m | 1,00 | 4,35 | 6,32 | 8,29 | 10,36 | 12,51 | 14,73 | 17,14 |

**HC231 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 20710* | 4675 | 3085 | 2270 | 1770 | 1460 | 1130 | 890 | 600 |
| m | 1,00 | 4,43 | 6,40 | 8,37 | 10,44 | 12,51 | 14,73 | 17,01 | 19,11 |

**HC231 E5**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 20270* | 4495 | 2940 | 2140 | 1640 | 1340 | 1130 | 890 | 755 |
| m | 1,00 | 4,51 | 6,48 | 8,45 | 10,52 | 12,59 | 14,72 | 17,01 | 19,11 |

**HC231 E6**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 19985* | 4345 | 2830 | 2040 | 1550 | 1280 | 1060 | 895 | 755 |
| m | 1,00 | 4,60 | 6,57 | 8,54 | 10,61 | 12,68 | 14,81 | 17,01 | 19,11 |

**HC231 E3J3**

| | | | | |
|---|---|---|---|---|
| kg | 905 | 775 | 675 | 605 |
| m | 13,36 | 15,06 | 16,81 | 18,56 |

**HC231 E4J3**

| | | | | |
|---|---|---|---|---|
| kg | 715 | 635 | 570 | 520 |
| m | 15,43 | 16,99 | 18,55 | 20,11 |

**HC231 E5J2**

| | | | |
|---|---|---|---|
| kg | 675 | 615 | 570 |
| m | 17,41 | 18,79 | 20,27 |

*) Theoretical lifting capacity

# HC 231 X

**EES** Extra Extension Speed
**SDS** Smooth Descent System
**P-LCS** Proportional Lift Control System
**LAS** Liftrod Articulating System

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC231 E2 | 21,7 | 12,0 | 415 | 20 | 4 | 345 | 2210 | 130 | 70 | 2520x2300x930 |
| HC231 E3 | - | 14,1 | 415 | 20 | 4 | 345 | 2360 | 130 | 70 | 2520x2300x930 |
| HC231 E4 | - | 16,2 | 415 | 20 | 4 | 345 | 2510 | 130 | 70 | 2520x2300x930 |
| HC231 E5 | - | 18,4 | 415 | 20 | 4 | 345 | 2630 | 130 | 70 | 2520x2300x930 |
| HC231 E6 | - | 20,7 | 415 | 20 | 4 | 345 | 2725 | 130 | 70 | 2520x2300x930 |
| HC231 E3J3 | - | 22,2 | 415 | 20 | 3 | - | 3020 | 130 | 70 | 2520x2695x1050 |
| HC231 E4J3 | - | 23,8 | 415 | 20 | 3 | - | 3000 | 130 | 70 | 2520x2600x1050 |
| HC231 E5J2 | - | 23,9 | 415 | 20 | 3 | - | 2905 | 130 | 70 | 2520x2550x1050 |

# HC 235e X

**HC235e E2**

| | | | | |
|---|---|---|---|---|
| kg | 21705* | 4990 | 3380 | 2560 |
| m | 1,00 | 4,35 | 6,32 | 8,29 |

**HC235e E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 21160* | 4865 | 3245 | 2420 | 1915 | 1460 | 1130 | 725 |
| m | 1,00 | 4,35 | 6,32 | 8,29 | 10,36 | 12,51 | 14,73 | 17,01 |

**HC235e E4**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 20710* | 4675 | 3085 | 2270 | 1770 | 1460 | 1130 | 890 | 600 |
| m | 1,00 | 4,43 | 6,40 | 8,37 | 10,44 | 12,51 | 14,72 | 17,01 | 19,11 |

**HC235e E5**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 20270* | 4495 | 2940 | 2140 | 1640 | 1340 | 1130 | 890 | 755 |
| m | 1,00 | 4,51 | 6,48 | 8,45 | 10,52 | 12,59 | 14,72 | 17,01 | 19,11 |

**HC235e E6**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 19985* | 4345 | 2830 | 2040 | 1550 | 1280 | 1060 | 895 | 755 |
| m | 1,00 | 4,60 | 6,57 | 8,54 | 10,61 | 12,68 | 14,81 | 17,01 | 19,11 |

**HC235e E3J3**

| | | | | |
|---|---|---|---|---|
| kg | 905 | 775 | 675 | 605 |
| m | 13,36 | 15,06 | 16,81 | 18,56 |

**HC235e E4J3**

| | | | | |
|---|---|---|---|---|
| kg | 715 | 635 | 570 | 520 |
| m | 15,43 | 16,99 | 18,55 | 20,11 |

**HC235e E5J2**

| | | | |
|---|---|---|---|
| kg | 675 | 615 | 570 |
| m | 17,41 | 18,79 | 20,27 |

*) Theoretical lifting capacity

# HC 235e X

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**P-LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC235e E2 | 21,7 | 12,0 | Endless | 30 | 4 | 345 | 2370 | 130 | 70 | 2535x2335x960 |
| HC235e E3 | - | 14,1 | Endless | 30 | 4 | 345 | 2520 | 130 | 70 | 2535x2335x960 |
| HC235e E4 | - | 16,2 | Endless | 30 | 4 | 345 | 2670 | 130 | 70 | 2535x2335x960 |
| HC235e E5 | - | 18,4 | Endless | 30 | 4 | 345 | 2790 | 130 | 70 | 2535x2335x960 |
| HC235e E6 | - | 20,7 | Endless | 30 | 4 | 345 | 2885 | 130 | 70 | 2535x2335x960 |
| HC235e E3J3 | - | 22,2 | Endless | 30 | 3 | - | 3180 | 130 | 70 | 2550x2685x1095 |
| HC235e E4J3 | - | 23,8 | Endless | 30 | 3 | - | 3160 | 130 | 70 | 2550x2590x1095 |
| HC235e E5J2 | - | 23,9 | Endless | 30 | 3 | - | 3065 | 130 | 70 | 2540x2530x1095 |

# HC 243

**HC243 E2**

| | | | | |
|---|---|---|---|---|
| kg | 22534* | 5265 | 3595 | 2730 |
| m | 1,00 | 4,28 | 6,18 | 8,08 |

**HC243 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 22149* | 5175 | 3495 | 2625 | 2080 | 1600 | 1300 | 1000 |
| m | 1,00 | 4,28 | 6,18 | 8,08 | 10,11 | 12,22 | 14,44 | 16,65 |

**HC243 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 21289* | 4885 | 3270 | 2425 | 1895 | 1565 | 1240 | 1000 | 605 |
| m | 1,00 | 4,36 | 6,26 | 8,33 | 10,19 | 12,22 | 14,44 | 16,65 | 18,90 |

**HC243 E5**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 20468* | 4610 | 3055 | 2235 | 1720 | 1400 | 1180 | 900 | 750 | 535 |
| m | 1,00 | 4,44 | 6,34 | 8,24 | 10,27 | 12,30 | 14,43 | 16,65 | 18,90 | 21,18 |

**HC243 E6**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 20067* | 4430 | 2910 | 2105 | 1595 | 1275 | 1055 | 905 | 605 | 535 |
| m | 1,00 | 4,53 | 6,43 | 8,33 | 10,36 | 12,39 | 14,52 | 16,65 | 18,90 | 21,18 |

**HC243 E7**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 19684* | 4270 | 2780 | 1985 | 1480 | 1160 | 940 | 795 | 695 | 570 | 350 |
| m | 1,00 | 4,61 | 6,51 | 8,41 | 10,44 | 12,47 | 14,60 | 16,73 | 18,90 | 21,18 | 23,28 |

**HC243 E8**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 19411* | 4130 | 2670 | 1890 | 1390 | 1070 | 850 | 705 | 605 | 535 | 450 |
| m | 1,00 | 4,70 | 6,60 | 8,50 | 10,53 | 12,56 | 14,69 | 16,82 | 18,98 | 21,18 | 23,28 |

**HC243 E4J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 660 | 570 | 500 | 450 | 375 | 315 |
| m | 15,21 | 16,91 | 18,66 | 20,41 | 22,30 | 24,21 |

**HC243 E5J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 530 | 475 | 430 | 400 | 345 | 300 |
| m | 17,26 | 18,82 | 20,38 | 21,94 | 23,60 | 25,38 |

**HC243 E6J2**

| | | | |
|---|---|---|---|
| kg | 540 | 500 | 460 |
| m | 19,38 | 20,76 | 22,24 |

*) Theoretical lifting capacity

# HC 243

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC243 E2 | 22,5 | 11,7 | 415 | 20 | 4 | 315 | 2315 | 130 | 80 | 2520x2300x935 |
| HC243 E3 | - | 13,8 | 415 | 20 | 4 | 310 | 2455 | 130 | 80 | 2520x2300x935 |
| HC243 E4 | - | 15,9 | 415 | 20 | 4 | 310 | 2595 | 130 | 80 | 2520x2300x935 |
| HC243 E5 | - | 18,1 | 415 | 20 | 4 | 310 | 2720 | 130 | 80 | 2520x2300x935 |
| HC243 E6 | - | 20,3 | 415 | 20 | 4 | 310 | 2825 | 130 | 80 | 2520x2300x935 |
| HC243 E7 | - | 22,5 | 415 | 20 | 4 | 310 | 2945 | 130 | 80 | 2520x2300x1005 |
| HC243 E8 | - | 24,8 | 415 | 20 | 4 | 310 | 3035 | 130 | 80 | 2520x2300x1005 |
| HC243 E4J3 | - | 24,1 | 415 | 20 | 4 | 325 | 3255 | 130 | 80 | 2520x2715x1055 |
| HC243 E5J3 | - | 25,6 | 415 | 20 | 4 | 330 | 3210 | 130 | 80 | 2520x2615x1055 |
| HC243 E6J2 | - | 25,9 | 415 | 20 | 4 | 325 | 3100 | 130 | 80 | 2520x2605x1055 |

# HC 243K

**HC243K E2**

| | | | | |
|---|---|---|---|---|
| kg | 22715* | 6090 | 4455 | 3190 |
| m | 1,00 | 3,72 | 5,06 | 7,03 |

**HC243K E3**

| | | | | | |
|---|---|---|---|---|---|
| kg | 21875* | 5865 | 4255 | 3010 | 2305 |
| m | 1,00 | 3,73 | 5,06 | 7,03 | 9,10 |

**HC243K E4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 21145* | 5550 | 4005 | 2800 | 2115 | 1710 |
| m | 1,00 | 3,81 | 5,14 | 7,11 | 9,18 | 11,25 |

*) Theoretical lifting capacity

# HC 243K

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC243K E2 | 22,7 | 10,7 | 415 | 20 | 4 | 300 | 2245 | 130 | 80 | 2520x2300x930 |
| HC243K E3 | - | 12,8 | 415 | 20 | 4 | 300 | 2385 | 130 | 80 | 2520x2300x930 |
| HC243K E4 | - | 14,9 | 415 | 20 | 4 | 300 | 2525 | 130 | 80 | 2520x2300x930 |

# HC 245

**HC245 E2**

| | | | | |
|---|---|---|---|---|
| kg | 23510* | 5435 | 3770 | 2910 |
| m | 1,00 | 4,28 | 6,18 | 8,08 |

**HC245 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 22855* | 5340 | 3665 | 2795 | 2255 | 1765 | 1455 | 1000 |
| m | 1,00 | 4,28 | 6,18 | 8,08 | 10,11 | 12,22 | 14,44 | 16,65 |

**HC245 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 21995* | 5045 | 3430 | 2585 | 2055 | 1725 | 1390 | 1140 | 605 |
| m | 1,00 | 4,36 | 6,26 | 8,33 | 10,19 | 12,22 | 14,44 | 16,65 | 18,90 |

**HC245 E5**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 21155* | 4765 | 3210 | 2385 | 1870 | 1545 | 1320 | 1025 | 870 | 535 |
| m | 1,00 | 4,44 | 6,34 | 8,24 | 10,27 | 12,30 | 14,43 | 16,65 | 18,90 | 21,18 |

**HC245 E6**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 20770* | 4585 | 3060 | 2250 | 1730 | 1405 | 1180 | 1035 | 700 | 630 |
| m | 1,00 | 4,53 | 6,43 | 8,33 | 10,36 | 12,39 | 14,52 | 16,65 | 18,90 | 21,18 |

**HC245 E7**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 20350* | 4415 | 2920 | 2120 | 1610 | 1280 | 1050 | 905 | 805 | 670 | 420 |
| m | 1,00 | 4,61 | 6,51 | 8,41 | 10,44 | 12,47 | 14,60 | 16,73 | 18,90 | 21,18 | 23,28 |

**HC245 E8**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 20115* | 4280 | 2810 | 2020 | 1510 | 1185 | 960 | 805 | 700 | 630 | 540 |
| m | 1,00 | 4,70 | 6,60 | 8,50 | 10,53 | 12,56 | 14,69 | 16,82 | 18,98 | 21,18 | 23,28 |

**HC245 E4J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 730 | 640 | 565 | 515 | 435 | 370 |
| m | 15,21 | 16,91 | 18,66 | 20,41 | 22,30 | 24,21 |

**HC245 E5J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 600 | 540 | 495 | 465 | 405 | 355 |
| m | 17,26 | 18,82 | 20,38 | 21,94 | 23,60 | 25,38 |

**HC245 E6J2**

| | | | |
|---|---|---|---|
| kg | 570 | 530 | 490 |
| m | 19,38 | 20,76 | 22,24 |

*) Theoretical lifting capacity

# HC 245

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC245 E2 | 23,3 | 11,7 | 415 | 20 | 4 | 330 | 2315 | 130 | 80 | 2520x2300x935 |
| HC245 E3 | - | 13,8 | 415 | 20 | 4 | 330 | 2455 | 130 | 80 | 2520x2300x935 |
| HC245 E4 | - | 15,9 | 415 | 20 | 4 | 330 | 2595 | 130 | 80 | 2520x2300x935 |
| HC245 E5 | - | 18,1 | 415 | 20 | 4 | 330 | 2720 | 130 | 80 | 2520x2300x935 |
| HC245 E6 | - | 20,3 | 415 | 20 | 4 | 330 | 2825 | 130 | 80 | 2520x2300x935 |
| HC245 E7 | - | 22,5 | 415 | 20 | 4 | 330 | 2945 | 130 | 80 | 2520x2300x1005 |
| HC245 E8 | - | 24,8 | 415 | 20 | 4 | 330 | 3035 | 130 | 80 | 2520x2300x1005 |
| HC245 E4J3 | - | 24,1 | 415 | 20 | 4 | 330 | 3255 | 130 | 80 | 2520x2715x1055 |
| HC245 E5J3 | - | 25,6 | 415 | 20 | 4 | 330 | 3210 | 130 | 80 | 2520x2615x1055 |
| HC245 E6J2 | - | 25,9 | 415 | 20 | 4 | 330 | 3100 | 130 | 80 | 2520x2605x1055 |

# HC 261 X

**HC261 E2**

| | | | | |
|---|---|---|---|---|
| kg | 24800* | 5795 | 3965 | 3015 |
| m | 1,00 | 4,28 | 6,18 | 8,08 |

**HC261 E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 24310* | 5680 | 3850 | 2895 | 2300 | 1845 | 1500 | 1000 |
| m | 1,00 | 4,28 | 6,18 | 8,08 | 10,11 | 12,22 | 14,44 | 16,65 |

**HC261 E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 23780* | 5455 | 3670 | 2735 | 2145 | 1775 | 1430 | 1175 | 605 |
| m | 1,00 | 4,36 | 6,26 | 8,33 | 10,19 | 12,22 | 14,44 | 16,65 | 18,90 |

**HC261 E5**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 23350* | 5260 | 3515 | 2595 | 2010 | 1640 | 1385 | 1145 | 960 | 535 |
| m | 1,00 | 4,44 | 6,34 | 8,24 | 10,27 | 12,30 | 14,43 | 16,65 | 18,90 | 21,18 |

**HC261 E6**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22965* | 5070 | 3365 | 2460 | 1880 | 1510 | 1260 | 1085 | 765 | 680 |
| m | 1,00 | 4,53 | 6,43 | 8,33 | 10,36 | 12,39 | 14,52 | 16,65 | 18,90 | 21,18 |

**HC261 E7**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22345* | 4910 | 3240 | 2345 | 1770 | 1405 | 1150 | 980 | 855 | 725 | 630 |
| m | 1,00 | 4,61 | 6,51 | 8,41 | 10,44 | 12,47 | 14,60 | 16,73 | 18,90 | 21,18 | 23,28 |

**HC261 E8**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22345* | 4755 | 3120 | 2240 | 1670 | 1310 | 1060 | 885 | 765 | 680 | 580 |
| m | 1,00 | 4,70 | 6,60 | 8,50 | 10,53 | 12,56 | 14,69 | 16,82 | 18,98 | 21,18 | 23,28 |

**HC261 E4J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 855 | 745 | 660 | 595 | 510 | 435 |
| m | 15,21 | 16,91 | 18,66 | 20,41 | 22,30 | 24,21 |

**HC261 E5J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 695 | 625 | 570 | 525 | 465 | 415 |
| m | 17,26 | 18,82 | 20,38 | 21,94 | 23,60 | 25,38 |

**HC261 E6J2**

| | | | |
|---|---|---|---|
| kg | 650 | 600 | 560 |
| m | 19,38 | 20,76 | 22,24 |

*) Theoretical lifting capacity

# HC 261 X

**EES** Extra Extension Speed
**SDS** Smooth Descent System
**P-LCS** Proportional Lift Control System
**LAS** Liftrod Articulating System

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC261 E2 | 24,8 | 11,7 | 415 | 20 | 4 | 345 | 2315 | 130 | 80 | 2520x2300x935 |
| HC261 E3 | - | 13,8 | 415 | 20 | 4 | 345 | 2455 | 130 | 80 | 2520x2300x935 |
| HC261 E4 | - | 15,9 | 415 | 20 | 4 | 345 | 2595 | 130 | 80 | 2520x2300x935 |
| HC261 E5 | - | 18,1 | 415 | 20 | 4 | 345 | 2720 | 130 | 80 | 2520x2300x935 |
| HC261 E6 | - | 20,3 | 415 | 20 | 4 | 345 | 2825 | 130 | 80 | 2520x2300x935 |
| HC261 E7 | - | 22,5 | 415 | 20 | 4 | 345 | 2945 | 130 | 80 | 2520x2300x1005 |
| HC261 E8 | - | 24,8 | 415 | 20 | 4 | 345 | 3035 | 130 | 80 | 2520x2300x1005 |
| HC261 E4J3 | - | 24,1 | 415 | 20 | 4 | 355 | 3255 | 130 | 80 | 2520x2715x1055 |
| HC261 E5J3 | - | 25,6 | 415 | 20 | 4 | 350 | 3210 | 130 | 80 | 2520x2615x1055 |
| HC261 E6J2 | - | 25,9 | 415 | 20 | 4 | 350 | 3100 | 130 | 80 | 2520x2605x1055 |

# HC 265e X

**HC265e E2**

| | | | | |
|---|---|---|---|---|
| kg | 24800* | 5795 | 3965 | 3015 |
| m | 1,00 | 4,28 | 6,18 | 8,08 |

**HC265e E3**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 24310* | 5680 | 3850 | 2895 | 2300 | 1845 | 1500 | 1000 |
| m | 1,00 | 4,28 | 6,18 | 8,08 | 10,11 | 12,22 | 14,44 | 16,65 |

**HC265e E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 23780* | 5455 | 3670 | 2735 | 2145 | 1775 | 1430 | 1175 | 605 |
| m | 1,00 | 4,36 | 6,26 | 8,33 | 10,19 | 12,22 | 14,44 | 16,65 | 18,90 |

**HC265e E5**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 23350* | 5260 | 3515 | 2595 | 2010 | 1640 | 1385 | 1145 | 960 | 535 |
| m | 1,00 | 4,44 | 6,34 | 8,24 | 10,27 | 12,30 | 14,43 | 16,56 | 18,90 | 21,18 |

**HC265e E6**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22965* | 5070 | 3365 | 2460 | 1880 | 1510 | 1260 | 1085 | 765 | 680 |
| m | 1,00 | 4,53 | 6,43 | 8,33 | 10,36 | 12,39 | 14,52 | 16,65 | 18,90 | 21,18 |

**HC265e E7**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22635* | 4910 | 3240 | 2345 | 1770 | 1405 | 1150 | 980 | 855 | 725 | 630 |
| m | 1,00 | 4,61 | 6,51 | 8,41 | 10,44 | 12,47 | 14,60 | 16,73 | 18,90 | 21,18 | 23,28 |

**HC265e E8**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 22345* | 4755 | 3120 | 2240 | 1670 | 1310 | 1060 | 885 | 765 | 680 | 580 |
| m | 1,00 | 4,70 | 6,60 | 8,50 | 10,53 | 12,56 | 14,69 | 16,82 | 18,98 | 21,18 | 23,28 |

**HC265e E4J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 855 | 745 | 660 | 595 | 510 | 435 |
| m | 15,08 | 16,78 | 18,53 | 20,28 | 22,08 | 24,01 |

**HC265e E5J3**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 695 | 625 | 570 | 525 | 465 | 415 |
| m | 17,26 | 18,82 | 20,38 | 21,94 | 23,60 | 25,38 |

**HC265e E6J2**

| | | | |
|---|---|---|---|
| kg | 650 | 600 | 560 |
| m | 19,38 | 20,76 | 22,24 |

*) Theoretical lifting capacity

# HC 265e X

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**P-LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC265e E2 | 24,8 | 11,7 | Endless | 30 | 4 | 345 | 2460 | 130 | 80 | 2530x2335x980 |
| HC265e E3 | - | 13,8 | Endless | 30 | 4 | 345 | 2600 | 130 | 80 | 2530x2335x980 |
| HC265e E4 | - | 15,9 | Endless | 30 | 4 | 345 | 2740 | 130 | 80 | 2530x2335x980 |
| HC265e E5 | - | 18,1 | Endless | 30 | 4 | 345 | 2865 | 130 | 80 | 2530x2335x980 |
| HC265e E6 | - | 20,3 | Endless | 30 | 4 | 345 | 2970 | 130 | 80 | 2530x2335x980 |
| HC265e E7 | - | 22,5 | Endless | 30 | 4 | 345 | 3090 | 130 | 80 | 2530x2335x1055 |
| HC265e E8 | - | 24,8 | Endless | 30 | 4 | 345 | 3180 | 130 | 80 | 2530x2335x1055 |
| HC265e E4J3 | - | 24,1 | Endless | 30 | 3 | 355 | 3400 | 130 | 80 | 2550x2700x1100 |
| HC265e E5J3 | - | 25,6 | Endless | 30 | 3 | 355 | 3355 | 130 | 80 | 2550x2595x1100 |
| HC265e E6J2 | - | 25,9 | Endless | 30 | 3 | 355 | 3245 | 130 | 80 | 2540x2580x1100 |

# HC 291

**HC291 E2**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 27310* | 11390** | 6000 | 4165 | 3190 | 2415 | 1890 | 1470 |
| m | 1,00 | 2,40 | 4,51 | 6,38 | 8,25 | 10,23 | 12,20 | 14,38 |

**HC291 E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 27090* | 11270** | 5940 | 4035 | 3040 | 2415 | 1890 | 1470 | 1155 |
| m | 1,00 | 2,40 | 4,56 | 6,43 | 8,30 | 10,25 | 12,20 | 14,38 | 16,57 |

**HC291 E4**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 26150* | 10880** | 5735 | 3885 | 2900 | 2285 | 1890 | 1470 | 1155 | 895 |
| m | 1,00 | 2,40 | 4,56 | 6,43 | 8,30 | 10,25 | 12,20 | 14,38 | 16,57 | 18,86 |

**HC291 E5**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 25610* | 10670** | 5515 | 3710 | 2740 | 2125 | 1750 | 1470 | 1155 | 895 | 705 |
| m | 1,00 | 2,40 | 4,64 | 6,51 | 8,38 | 10,33 | 12,28 | 14,38 | 16,57 | 18,86 | 21,14 |

**HC291 E6**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 25260* | 10510** | 5340 | 3570 | 2610 | 2010 | 1620 | 1345 | 1155 | 895 | 705 | 565 |
| m | 1,00 | 2,40 | 4,73 | 6,60 | 8,47 | 10,42 | 12,37 | 14,47 | 16,57 | 18,86 | 21,14 | 23,33 |

**HC291 E7**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 24800* | 10310** | 5145 | 3410 | 2465 | 1880 | 1500 | 1225 | 1035 | 895 | 705 | 565 |
| m | 1,00 | 2,40 | 4,82 | 6,69 | 8,56 | 10,51 | 12,46 | 14,56 | 16,66 | 18,86 | 21,14 | 23,33 |

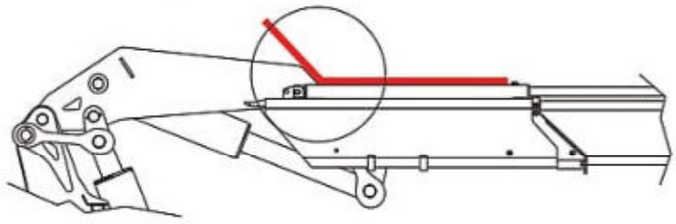
**HC291 E8**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 24340* | 10140** | 4965 | 3275 | 2345 | 1770 | 1390 | 1125 | 935 | 805 | 705 | 565 |
| m | 1,00 | 2,40 | 4,90 | 6,77 | 8,64 | 10,59 | 12,54 | 14,64 | 16,74 | 18,94 | 21,14 | 23,33 |

**HC291 E6J4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 475 | 420 | 375 | 345 | 315 | 245 |
| m | 19,65 | 21,25 | 22,80 | 24,19 | 25,79 | 27,60 |

*) Theoretical lifting capacity
**) Fixed hook capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HC 291

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC291 E2 | 27,3 | 11,9 | 425 | 22 | 4 | 325 | 2635 | 180 | 50 | 2510x2350x1010 |
| HC291 E3 | - | 13,8 | 425 | 22 | 4 | 325 | 2795 | 180 | 50 | 2510x2350x1010 |
| HC291 E4 | - | 15,8 | 425 | 22 | 4 | 325 | 2950 | 180 | 50 | 2510x2350x1010 |
| HC291 E5 | - | 17,9 | 425 | 22 | 4 | 325 | 3090 | 180 | 50 | 2510x2350x1040 |
| HC291 E6 | - | 20,1 | 425 | 22 | 4 | 325 | 3215 | 180 | 50 | 2510x2350x1060 |
| HC291 E7 | - | 22,4 | 425 | 22 | 4 | 325 | 3330 | 180 | 50 | 2510x2350x1160 |
| HC291 E8 | - | 24,7 | 425 | 22 | 4 | 325 | 3430 | 180 | 50 | 2510x2350x1180 |
| HC291 E6J4 | - | 29,1 | 425 | 22 | 4 | 325 | 3790 | 180 | 50 | 2510x2705x1190 |

# HC 331

**HC331 E1**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 31220* | 11930** | 7770 | 5430 | 3900 | 2815 | 2115 |
| m | 1,00 | 2,52 | 3,98 | 5,75 | 7,55 | 9,60 | 11,69 |

**HC331 E2**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 30290* | 11625** | 7610 | 5170 | 3900 | 2815 | 2115 | 1600 |
| m | 1,00 | 2,52 | 3,98 | 5,75 | 7,60 | 9,60 | 11,69 | 13,98 |

**HC331 E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 29600* | 11320** | 7400 | 5015 | 3715 | 2895 | 2115 | 1600 | 1220 |
| m | 1,00 | 2,52 | 4,00 | 5,75 | 7,60 | 9,60 | 11,70 | 14,00 | 16,30 |

**HC331 E4**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 29010* | 11010** | 7075 | 4765 | 3495 | 2680 | 2195 | 1600 | 1220 | 960 |
| m | 1,00 | 2,52 | 4,10 | 5,85 | 7,70 | 9,70 | 11,70 | 14,00 | 16,30 | 18,65 |

**HC331 E5**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 28500* | 10705** | 6785 | 4555 | 3320 | 2510 | 2020 | 1680 | 1220 | 960 | 785 |
| m | 1,00 | 2,52 | 4,20 | 5,95 | 7,80 | 9,80 | 11,80 | 14,00 | 16,30 | 18,65 | 20,75 |

**HC331 E6**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 27800* | 10450** | 6540 | 4335 | 3125 | 2345 | 1860 | 1520 | 1295 | 960 | 785 |
| m | 1,00 | 2,52 | 4,25 | 6,10 | 7,90 | 9,90 | 11,90 | 14,10 | 16,30 | 18,65 | 20,75 |

**HC331 E7**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 27210* | 10195** | 6185 | 4125 | 2970 | 2200 | 1715 | 1375 | 1150 | 1005 | 785 |
| m | 1,00 | 2,52 | 4,40 | 6,20 | 8,10 | 10,10 | 12,10 | 14,30 | 16,50 | 18,65 | 20,75 |

**HC331 E8**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 26780* | 10145** | 5950 | 3920 | 2785 | 2035 | 1585 | 1255 | 1035 | 885 | 785 | 400 |
| m | 1,00 | 2,52 | 4,50 | 6,30 | 8,20 | 10,20 | 12,20 | 14,40 | 16,60 | 18,80 | 20,95 | 23,40 |

**HC331 E4J4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 1090 | 940 | 815 | 695 | 605 | 420 |
| m | 14,60 | 16,30 | 18,10 | 19,80 | 21,60 | 23,40 |

**HC331 E5J4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 705 | 605 | 525 | 460 | 420 | 330 |
| m | 16,80 | 18,50 | 20,20 | 22,00 | 23,80 | 25,70 |

*) Theoretical lifting capacity
**) Fixed hook capacity

# HC 331

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC331 E1 | 31,2 | 9,9 | 397 | 25 | 4 | 300 | 3050 | 160 | 45 | 2540x2355x1170 |
| HC331 E2 | - | 11,8 | 397 | 25 | 4 | 300 | 3280 | 160 | 45 | 2540x2355x1170 |
| HC331 E3 | - | 13,8 | 397 | 25 | 4 | 300 | 3500 | 160 | 45 | 2540x2355x1170 |
| HC331 E4 | - | 15,8 | 397 | 25 | 4 | 300 | 3730 | 160 | 45 | 2540x2355x1170 |
| HC331 E5 | - | 18,1 | 397 | 25 | 4 | 300 | 3900 | 160 | 45 | 2540x2355x1170 |
| HC331 E6 | - | 20,4 | 397 | 25 | 4 | 300 | 4060 | 160 | 45 | 2540x2405x1170 |
| HC331 E7 | - | 22,7 | 397 | 25 | 4 | 300 | 4180 | 160 | 45 | 2540x2490x1300 |
| HC331 E8 | - | 25,0 | 397 | 25 | 4 | 300 | 4300 | 160 | 45 | 2540x2550x1300 |
| HC331 E4J4 | - | 25,7 | 397 | 30 | 4 | 290 | 4570 | 160 | 45 | 2540x2620x1330 |
| HC331 E5J4 | - | 28,0 | 397 | 30 | 4 | 290 | 4740 | 160 | 45 | 2545x2620x1330 |

# HC 361

**HC361 E1**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 32400* | 12340** | 7980 | 5635 | 4085 | 3070 | 2355 |
| m | 1,00 | 2,52 | 3,98 | 5,75 | 7,55 | 9,60 | 11,69 |

**HC361 E2**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 31120* | 11930** | 7820 | 5370 | 4080 | 3070 | 2355 | 1825 |
| m | 1,00 | 2,52 | 3,98 | 5,75 | 7,60 | 9,60 | 11,69 | 13,98 |

**HC361 E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 30400* | 11625** | 7600 | 5200 | 3900 | 3070 | 2355 | 1825 | 1425 |
| m | 1,00 | 2,52 | 4,00 | 5,75 | 7,60 | 9,60 | 11,70 | 14,00 | 16,30 |

**HC361 E4**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 29830* | 11320** | 7275 | 4950 | 3670 | 2845 | 2355 | 1805 | 1425 | 1120 |
| m | 1,00 | 2,52 | 4,10 | 5,85 | 7,70 | 9,70 | 11,70 | 14,00 | 16,30 | 18,65 |

**HC361 E5**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 29300* | 11010** | 6975 | 4730 | 3485 | 2660 | 2175 | 1825 | 1425 | 1120 | 885 |
| m | 1,00 | 2,52 | 4,20 | 5,95 | 7,80 | 9,80 | 11,80 | 14,00 | 16,30 | 18,65 | 20,75 |

**HC361 E6**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 28600* | 10755** | 6730 | 4510 | 3280 | 2485 | 2000 | 1650 | 1425 | 1120 | 885 |
| m | 1,00 | 2,52 | 4,25 | 6,10 | 7,90 | 9,90 | 11,90 | 14,10 | 16,30 | 18,65 | 20,75 |

**HC361 E7**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 28050* | 10500** | 6375 | 4290 | 3125 | 2345 | 1850 | 1500 | 1275 | 1120 | 885 |
| m | 1,00 | 2,52 | 4,40 | 6,20 | 8,10 | 10,10 | 12,10 | 14,30 | 16,50 | 18,65 | 20,75 |

**HC361 E8**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 27590* | 10450** | 6130 | 4085 | 2925 | 2170 | 1705 | 1365 | 1140 | 990 | 885 | 410 |
| m | 1,00 | 2,52 | 4,50 | 6,30 | 8,20 | 10,20 | 12,20 | 14,40 | 16,60 | 18,80 | 20,95 | 23,40 |

**HC361 E4J4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 1175 | 1020 | 895 | 805 | 705 | 490 |
| m | 14,60 | 16,30 | 18,10 | 19,80 | 21,60 | 23,40 |

**HC361 E5J4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 765 | 665 | 585 | 510 | 470 | 360 |
| m | 16,80 | 18,50 | 20,20 | 22,00 | 23,80 | 25,70 |

*) Theoretical lifting capacity
**) Fixed hook capacity

# HC 361

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC361 E1 | 32,4 | 9,9 | 397 | 25 | 4 | 310 | 3050 | 160 | 45 | 2540x2355x1170 |
| HC361 E2 | - | 11,8 | 397 | 25 | 4 | 310 | 3280 | 160 | 45 | 2540x2355x1170 |
| HC361 E3 | - | 13,8 | 397 | 25 | 4 | 310 | 3500 | 160 | 45 | 2540x2355x1170 |
| HC361 E4 | - | 15,8 | 397 | 25 | 4 | 310 | 3730 | 160 | 45 | 2540x2355x1170 |
| HC361 E5 | - | 18,1 | 397 | 25 | 4 | 310 | 3900 | 160 | 45 | 2540x2355x1170 |
| HC361 E6 | - | 20,4 | 397 | 25 | 4 | 310 | 4060 | 160 | 45 | 2540x2405x1170 |
| HC361 E7 | - | 22,7 | 397 | 25 | 4 | 310 | 4180 | 160 | 45 | 2540x2490x1300 |
| HC361 E8 | - | 25,0 | 397 | 25 | 4 | 310 | 4300 | 160 | 45 | 2540x2550x1300 |
| HC361 E4J4 | - | 25,7 | 397 | 30 | 4 | 310 | 4570 | 160 | 45 | 2540x2620x1330 |
| HC361 E5J4 | - | 28,0 | 397 | 30 | 4 | 310 | 4740 | 160 | 45 | 2545x2620x1330 |

# HC 501 X

**HC501X E2**

| | | | | | |
|---|---|---|---|---|---|
| kg | 44990* | 22685* | 10735 | 7580 | 5805 |
| m | 1,00 | 1,95 | 4,12 | 5,90 | 7,75 |

**HC501X E3**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 43440* | 22225* | 10240 | 7240 | 5515 | 4425 | 3460 | 2735 | 2195 |
| m | 1,00 | 1,95 | 4,23 | 6,00 | 7,85 | 9,80 | 11,80 | 13,90 | 16,00 |

**HC501X E4**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 42770* | 21935* | 9830 | 6940 | 5225 | 4160 | 3460 | 2735 | 2195 | 1745 |
| m | 1,00 | 1,95 | 4,35 | 6,10 | 7,95 | 9,90 | 11,80 | 13,90 | 16,00 | 18,20 |

**HC501X E5**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 41910* | 21490* | 9630 | 6710 | 5000 | 3905 | 3210 | 2735 | 2195 | 1745 | 1380 |
| m | 1,00 | 1,95 | 4,35 | 6,10 | 7,95 | 9,90 | 11,80 | 13,90 | 16,00 | 18,20 | 20,40 |

**HC501X E6**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 41040* | 21045* | 9325 | 6450 | 4765 | 3700 | 3015 | 2525 | 2195 | 1745 | 1380 | 1055 |
| m | 1,00 | 1,95 | 4,40 | 6,15 | 8,00 | 9,90 | 11,90 | 13,90 | 16,00 | 18,20 | 20,40 | 22,60 |

**HC501X E7**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 40200* | 20615* | 9125 | 6245 | 4565 | 3485 | 2805 | 2320 | 1990 | 1745 | 1380 | 1055 |
| m | 1,00 | 1,95 | 4,40 | 6,15 | 8,00 | 9,90 | 11,90 | 13,90 | 16,00 | 18,20 | 20,40 | 22,60 |

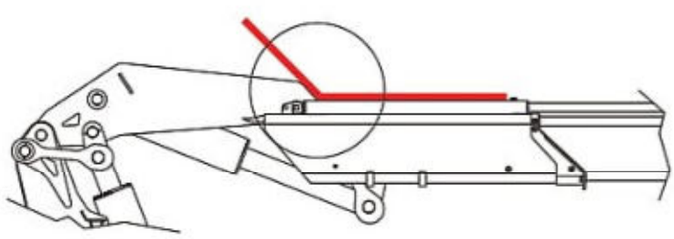
**HC501X E8**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 39500* | 20255* | 8770 | 5985 | 4350 | 3300 | 2610 | 2115 | 1800 | 1555 | 1380 | 1055 |
| m | 1,00 | 1,95 | 4,50 | 6,20 | 8,10 | 10,00 | 12,00 | 14,00 | 16,10 | 18,20 | 20,40 | 22,60 |

**HC501X E6J4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 980 | 855 | 765 | 705 | 655 | 480 |
| m | 18,80 | 20,50 | 22,20 | 24,00 | 25,80 | 27,70 |

*) Theoretical lifting capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HC 501 X

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**TCU** **Total Control Unit**
**LCS** **Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC501X E2 | 45,0 | 12,1 | 400 | 25 | 4 | 315 | 4040 | 210 | 80 | 2505x2460x1275 |
| HC501X E3 | - | 14,1 | 400 | 25 | 4 | 315 | 4290 | 210 | 80 | 2505x2460x1275 |
| HC501X E4 | - | 16,1 | 400 | 25 | 4 | 315 | 4570 | 210 | 80 | 2505x2460x1275 |
| HC501X E5 | - | 18,2 | 400 | 25 | 4 | 315 | 4810 | 210 | 80 | 2505x2460x1285 |
| HC501X E6 | - | 20,3 | 400 | 25 | 4 | 315 | 5010 | 210 | 80 | 2505x2460x1285 |
| HC501X E7 | - | 22,5 | 400 | 25 | 4 | 315 | 5200 | 210 | 80 | 2505x2460x1400 |
| HC501X E8 | - | 24,7 | 400 | 25 | 4 | 315 | 5380 | 210 | 80 | 2510x2480x1400 |
| HC501X E6J4 | - | 30,1 | 400 | 25 | 4 | 315 | 5880 | 210 | 80 | 2515x2725x1470 |

# HC 601e X

**HC601e E2**

| | | | |
|---|---|---|---|
| kg | 13000 | 9240 | 7185 |
| m | 4,35 | 6,15 | 8,00 |

**HC601e E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 12260 | 8625 | 6610 | 5270 | 4400 | 3195 | 2760 | 2045 | 1820 |
| m | 4,46 | 6,26 | 8,06 | 10,00 | 11,96 | 14,08 | 16,18 | 18,52 | 20,70 |

**HC601e E6**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 11590 | 8000 | 6005 | 4685 | 3820 | 3195 | 2760 | 2045 | 1820 | 1500 | 1150 |
| m | 4,48 | 6,28 | 8,10 | 10,05 | 11,98 | 14,08 | 16,18 | 18,52 | 20,70 | 22,85 | 25,00 |

**HC601e E8**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 10860 | 7450 | 5530 | 4240 | 3395 | 2780 | 2350 | 2045 | 1820 | 1500 | 1150 |
| m | 4,67 | 6,47 | 8,30 | 10,25 | 12,20 | 14,30 | 16,40 | 18,52 | 20,70 | 22,85 | 25,00 |

**HC601e E6 J1206**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 1200 | 1060 | 950 | 865 | 795 | 735 | 685 | 500 |
| m | 19,65 | 21,30 | 22,90 | 24,50 | 26,20 | 28,00 | 29,80 | 31,00 |

**HC601e E6 J2006**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 960 | 850 | 755 | 675 | 620 | 570 | 530 | 420 |
| m | 19,65 | 21,30 | 22,90 | 24,50 | 26,20 | 28,00 | 29,80 | 31,00 |

# HC 601e X

**EES** **Extra Extension Speed**
**SDS** **Smooth Descent System**
**LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME (WITH 2 GEARMOTOR) | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC601e E2 | 57,5 | 11,9 | Endless | 40 | 4 | 335 | 4450 | 250 | 100 | 2530x2430x1480 |
| HC601e E4 | - | 15,9 | Endless | 40 | 4 | 335 | 5030 | 250 | 100 | 2530x2430x1480 |
| HC601e E6 | - | 20,3 | Endless | 50 | 4 | 335 | 5570 | 250 | 100 | 2530x2430x1480 |
| HC601e E8 | - | 24,7 | Endless | 50 | 4 | 335 | 6000 | 300 | 100 | 2550x2430x1635 |
| HC601e E6 J1206 | - | 33,8 | Endless | 60 | 3 | - | 6770 | 250/300 | 100 | 2550x2780x1665 |
| HC601e E6 J2006 | - | 33,8 | Endless | 60 | 3 | - | 7070 | 250/300 | 100 | 2550x2740x1665 |

# HC 661e X

**HC661e E2**

| | | | |
|---|---|---|---|
| kg | 14270 | 10170 | 7910 |
| m | 4,35 | 6,15 | 8,00 |

**HC661e E4**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 13500 | 9540 | 7325 | 5860 | 4900 | 3615 | 3130 | 2365 | 2110 |
| m | 4,46 | 6,26 | 8,06 | 10,00 | 11,96 | 14,08 | 16,18 | 18,52 | 20,70 |

**HC661e E6**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 12850 | 8910 | 6720 | 5265 | 4315 | 3615 | 3130 | 2365 | 2110 | 1700 | 1350 |
| m | 4,48 | 6,28 | 8,10 | 10,05 | 11,98 | 14,08 | 16,18 | 18,52 | 20,70 | 22,85 | 25,00 |

**HC661e E8**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 12050 | 8330 | 6230 | 4810 | 3880 | 3195 | 2715 | 2365 | 2110 | 1700 | 1350 |
| m | 4,67 | 6,47 | 8,30 | 10,25 | 12,20 | 14,30 | 16,40 | 18,52 | 20,70 | 22,85 | 25,00 |

**HC661e E6 J1206**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 11490 | 1320 | 1200 | 1100 | 1020 | 940 | 880 | 650 |
| m | 19,65 | 21,30 | 22,90 | 24,50 | 26,20 | 28,00 | 29,80 | 31,00 |

**HC661e E6 J2006**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 1200 | 1070 | 960 | 860 | 790 | 730 | 680 | 520 |
| m | 19,65 | 21,30 | 22,90 | 24,50 | 26,20 | 28,00 | 29,80 | 31,00 |

# HC 661e X

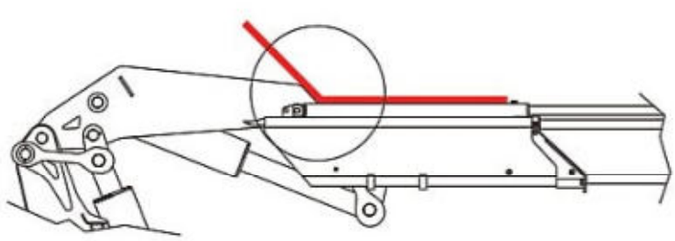
**EES** Extra Extension Speed
**SDS** Smooth Descent System
**P-LCS** Proportional Lift Control System
**LAS** Liftrod Articulating System

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME (WITH 2 GEARMOTOR) | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC661e E2 | 63,2 | 11,9 | Endless | 40 | 4 | 365 | 4450 | 250 | 100 | 2530x2430x1480 |
| HC661e E4 | - | 15,9 | Endless | 40 | 4 | 365 | 5030 | 250 | 100 | 2530x2430x1480 |
| HC661e E6 | - | 20,3 | Endless | 50 | 4 | 365 | 5570 | 250 | 100 | 2530x2430x1480 |
| HC661e E8 | - | 24,7 | Endless | 50 | 4 | 365 | 6000 | 300 | 100 | 2550x2430x1635 |
| HC661e E6 J1206 | - | 33,8 | Endless | 60 | 3 | - | 6770 | 250/300 | 100 | 2550x2780x1665 |
| HC661e E6 J2006 | - | 33,8 | Endless | 60 | 3 | - | 7070 | 250/300 | 100 | 2550x2740x1665 |

# HC 801 X

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HC801X E2** | kg | 24660* | 17940 | 12830 | 9800 | | | | | | | |
| | m | 3,00 | 4,05 | 5,75 | 7,55 | | | | | | | |
| **HC801X E4** | kg | 23430* | 17035 | 12015 | 9050 | 7155 | 5920 | | | | | |
| | m | 3,00 | 4,12 | 5,85 | 7,65 | 9,55 | 11,45 | | | | | |
| **HC801X E6** | kg | 22570* | 15855 | 11160 | 8355 | 6480 | 5285 | 4440 | 3845 | 2920 | 2605 | 1950 |
| | m | 3,00 | 4,27 | 6,00 | 7,77 | 9,70 | 11,60 | 13,60 | 15,60 | 17,60 | 19,60 | 22,00 |
| **HC801X E8** | kg | 21980* | 15440 | 10695 | 7845 | 6020 | 4850 | 3975 | 3360 | 2920 | 2605 | 1950 | 1760 | 1360 |
| | m | 3,00 | 4,27 | 6,00 | 7,77 | 9,70 | 11,60 | 13,60 | 15,60 | 17,60 | 19,60 | 22,00 | 24,15 | 26,50 |
| **HC801X E10** | kg | 21760* | 14350 | 9955 | 7275 | 5505 | 4370 | 3550 | 2955 | 2515 | 2205 | 1950 | 1760 | 1310 |
| | m | 3,00 | 4,55 | 6,25 | 8,05 | 10,00 | 11,85 | 13,85 | 15,85 | 17,85 | 19,85 | 22,00 | 24,15 | 26,50 |
| **HC801X E6J6** | kg | | | | | | | | 1715 | 1510 | 1370 | 1245 | 1135 | 1045 | 925 | 630 |
| | m | | | | | | | | 18,80 | 20,40 | 22,05 | 23,70 | 25,40 | 27,20 | 29,00 | 31,00 |
| **HC801X E8J4** | kg | | | | | | | | | | 960 | 860 | 780 | 715 | 665 | 555 |
| | m | | | | | | | | | | 22,20 | 23,90 | 25,65 | 27,40 | 29,20 | 31,10 |

*) Theoretical lifting capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HC 801 X

**EES** Extra Extension Speed
**SDS** Smooth Descent System
**TCU** Total Control Unit
**LCS** Lift Control System
**LAS** Liftrod Articulating System

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC801X E2 | 74,0 | 12,1 | Endless | 40 | 4 | 315 | 6350 | 280 | 100 | 2530x2450x1610 |
| HC801X E4 | - | 16,0 | Endless | 40 | 4 | 315 | 7000 | 280 | 100 | 2530x2450x1610 |
| HC801X E6 | - | 20,2 | Endless | 50 | 4 | 315 | 7600 | 280 | 100 | 2530x2450x1770 |
| HC801X E8 | - | 24,1 | Endless | 50 | 4 | 315 | 8150 | 280 | 100 | 2530x2505x1795 |
| HC801X E10 | - | 28,7 | Endless | 60 | 4 | 315 | 8550 | 280 | 100 | 2530x2635x1795 |
| HC801X E6J6 | - | 33,6 | Endless | 60 | 4 | 315 | 9100 | 280 | 100 | 2530x2800x1900 |
| HC801X E8J4 | - | 34,0 | Endless | 60 | 4 | 315 | 9000 | 280 | 100 | 2545x2875x1900 |

# HC 951 X

**HC951 E4**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 27060 | 18400 | 13530 | 10700 | 8660 | 7220 |
| m | 2,90 | 4,42 | 5,94 | 7,44 | 9,14 | 10,32 |

**HC951 E5**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 25690 | 17300 | 12900 | 10100 | 8140 | 6770 | 5760 |
| m | 2,90 | 4,60 | 6,10 | 7,70 | 9,40 | 11,15 | 13,1 |

**HC951 E6**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kg | 25380 | 17290 | 12600 | 9910 | 7940 | 6550 | 5520 | 4740 |
| m | 2,90 | 4,60 | 6,11 | 7,61 | 9,31 | 11,09 | 13,0 | 15,02 |

**HC951 E7**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| kg | 24950 | 16150 | 11900 | 9260 | 7400 | 6090 | 5130 | 4390 | 3820 |
| m | 2,90 | 4,80 | 6,30 | 7,90 | 9,60 | 11,4 | 13,3 | 15,3 | 17,45 |

**HC951 E8**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| kg | 25620 | 16190 | 11660 | 9110 | 6850 | 5890 | 4900 | 4150 | 3620 | 3130 |
| m | 2,90 | 4,78 | 6,31 | 7,81 | 10,05 | 11,3 | 13,20 | 15,22 | 17,35 | 19,63 |

**HC951 E9**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kg | 24420 | 15800 | 11370 | 8870 | 7040 | 5720 | 4740 | 4000 | 3440 | 3010 | 2590 |
| m | 2,90 | 4,87 | 6,38 | 7,90 | 9,60 | 11,38 | 13,30 | 15,31 | 17,44 | 19,36 | 21,53 |

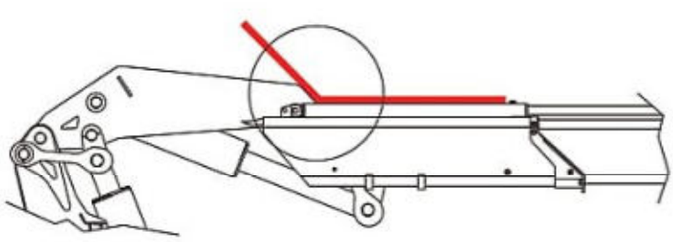
**HC951 E6J4**

| | | | | | |
|---|---|---|---|---|---|
| kg | 3130 | 2820 | 2400 | 1810 | 1440 |
| m | 17,7 | 19,2 | 20,8 | 22,5 | 24,3 |

**HC951 E8J6**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 1670 | 1510 | 1380 | 1265 | 1165 | 960 | 805 |
| m | 22,52 | 24,02 | 25,62 | 27,32 | 29,12 | 31,0 | 32,86 |

*) Theoretical lifting capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HC 951 X

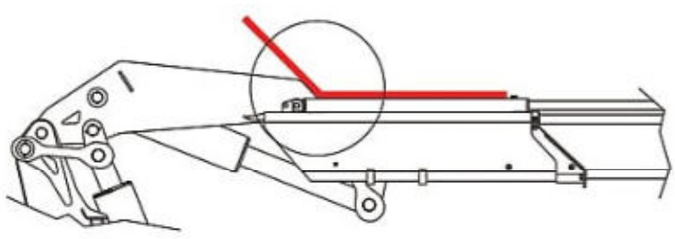
**EES** **Extra Extension Speed**
**LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC951 E4 | 81,3 | 15,3 | Endless | 21 | 5 | 345 | 8300 | 300 | 80 | 2550x2474x2180 |
| HC951 E5 | - | 17,3 | Endless | 21 | 5 | 345 | 8720 | 300 | 80 | 2550x2474x2180 |
| HC951 E6 | - | 19,3 | Endless | 21 | 5 | 345 | 9050 | 300 | 80 | 2550x2474x2180 |
| HC951 E7 | - | 21,6 | Endless | 21 | 5 | 345 | 9360 | 300 | 80 | 2550x2474x2180 |
| HC951 E8 | - | 23,4 | Endless | 21 | 5 | 345 | 9520 | 300 | 80 | 2550x2474x2180 |
| HC951 E9 | - | 25,8 | Endless | 21 | 5 | 345 | 9700 | 300 | 80 | 2550x2474x2180 |
| HC951 E6J4 | - | 27,5 | Endless | 21 | 5 | 345 | 9840 | 300 | 80 | 2550x2474x2180 |
| HC951 E8J6 | - | 36,1 | Endless | 21 | 5 | 345 | 10425 | 300 | 80 | 2550x2474x2180 |

# HC 1151 X

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **HC1151 E4** | kg | 22050 | 16250 | 12500 | 10000 | 8430 | | | | |
| | m | 4,20 | 5,75 | 7,41 | 9,18 | 10,91 | | | | |
| **HC1151 E6** | kg | 20900 | 15200 | 11700 | 9400 | 7800 | 6600 | 5660 | | |
| | m | 4,36 | 5,90 | 7,55 | 9,27 | 11,1 | 12,97 | 15,1 | | |
| **HC1151 E8** | kg | 19400 | 14100 | 10800 | 8500 | 7000 | 5700 | 4900 | 4300 | 3760 |
| | m | 4,52 | 6,10 | 7,72 | 9,47 | 11,22 | 13,28 | 15,2 | 17,15 | 19,52 |
| **HC1151 E10** | kg | 18900 | 13550 | 10250 | 8100 | 6600 | 5250 | 4265 | 3575 | 3050 | 2680 | 2400 |
| | m | 4,60 | 6,20 | 7,80 | 9,55 | 11,3 | 13,35 | 15,3 | 17,25 | 19,6 | 21,7 | 23,8 |
| **HC1151 E8J6** | kg | 1840 | 1670 | 1530 | 1340 | 1050 | 850 | 720 | | | | |
| | m | 22,5 | 23,9 | 25,5 | 27,2 | 29,0 | 30,9 | 32,8 | | | | |

*) Theoretical lifting capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HC 1151 X

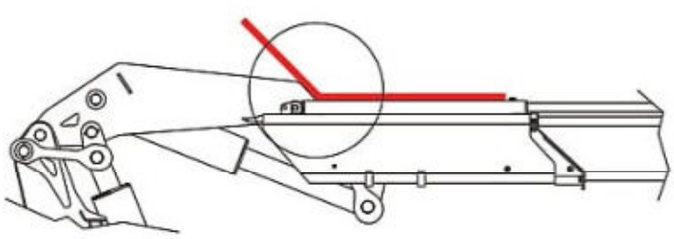
**EES** **Extra Extension Speed**
**LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC1151 E4 | 93,4 | 15,3 | Endless | 34 | 5 | 345 | 8640 | 300 | 120 | 2540x2660x2300 |
| HC1151 E6 | - | 19,5 | Endless | 34 | 5 | 345 | 9300 | 300 | 120 | 2540x2670x2300 |
| HC1151 E8 | - | 23,9 | Endless | 34 | 5 | 335 | 9750 | 300 | 120 | 2550x2670x2300 |
| HC1151 E10 | - | 28,1 | Endless | 34 | 5 | 335 | 10200 | 300 | 120 | 2550x2790x2300 |
| HC1151 E8J6 | - | 36,9 | Endless | 34 | 5 | 335 | 10645 | 300 | 120 | 2560x2670x2300 |

# HC 1651 X

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **HC1651 E4** | kg | 40000 | 26720 | 20140 | 15875 | 13020 | 10940 | | | | |
| | m | 2,80 | 4,40 | 5,90 | 7,50 | 9,15 | 10,9 | | | | |
| **HC1651 E6** | kg | 40000 | 24660 | 18475 | 14430 | 11725 | 9775 | 8320 | 7200 | | |
| | m | 2,76 | 4,55 | 6,00 | 7,60 | 9,30 | 11,1 | 12,9 | 14,8 | | |
| **HC1651 E8** | kg | 40000 | 24270 | 18100 | 14000 | 11260 | 9260 | 7770 | 6640 | 5770 | 5100 |
| | m | 2,72 | 4,70 | 6,15 | 7,75 | 9,40 | 11,15 | 13,0 | 15,0 | 17,0 | 19,1 |
| **HC1651 E9** | kg | 40000 | 23900 | 17650 | 13525 | 10750 | 8750 | 7260 | 6130 | 5270 | 4615 | 4100 |
| | m | 2,68 | 4,65 | 6,15 | 7,70 | 9,40 | 11,15 | 13,0 | 15,0 | 17,0 | 19,1 | 21,2 |
| **HC1651 E8J6** | kg | 2580 | 2350 | 2150 | 1990 | 1530 | 1360 | 1120 | | | |
| | m | 22,5 | 24,05 | 25,7 | 27,4 | 29,15 | 30,9 | 32,7 | | | |
| **HC1651 E8J7** | kg | 3300 | 2850 | 2425 | 2090 | 1960 | 1700 | 1410 | 1200 | | |
| | m | 22,2 | 23,65 | 25,1 | 26,65 | 28,3 | 30,05 | 31,9 | 33,85 | | |
| **HC1651 E9J7** | kg | 2265 | 2000 | 1775 | 1520 | 1110 | 855 | 690 | 575 | | |
| | m | 24,3 | 25,75 | 27,2 | 28,75 | 30,4 | 32,15 | 34,0 | 36,0 | | |

*) Theoretical lifting capacity



Second boom with negative angle in order to simplify operations in difficult access conditions

# HC 1651 X

**EES** **Extra Extension Speed**
**P-LCS** **Proportional Lift Control System**
**LAS** **Liftrod Articulating System**

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HC1651 E4 | 119 | 15,5 | Endless | 70 | 5 | 345 | 12750 | 640 | 100+50 | 2550x2595x3600 |
| HC1651 E6 | - | 19,3 | Endless | 70 | 5 | 345 | 13425 | 640 | 100+50 | 2550x2595x3600 |
| HC1651 E8 | - | 23,0 | Endless | 70 | 5 | 345 | 13975 | 640 | 100+50 | 2550x2595x3600 |
| HC1651 E9 | - | 25,1 | Endless | 70 | 5 | 345 | 14660 | 640 | 100+50 | 2550x2595x3600 |
| HC1651 E8J6 | - | 36,5 | Endless | 70 | 5 | 345 | 16200 | 640 | 100+50 | 2550x2595x3600 |
| HC1651 E8J7 | - | 37,6 | Endless | 70 | 5 | 345 | 16400 | 640 | 100+50 | 2550x2595x3600 |
| HC1651 E9J7 | - | 39,8 | Endless | 70 | 5 | 345 | 16260 | 640 | 100+50 | 2550x2595x3600 |

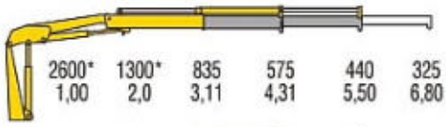
# HV

## HV 27
## HV 47
## HV 77
## HV 107
## HV 147
## HV 197
## HV 227

**When looking for a compact articulated crane, simple to operate, with high lifting capacity, HV line is the perfect solution for cost and performance**

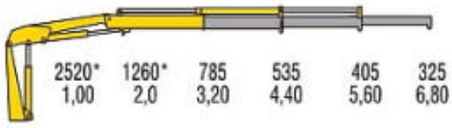
# HV 27

**HV27 E2**



| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 2600* | 1300* | 835 | 575 | 440 | 325 |
| m | 1,00 | 2,0 | 3,11 | 4,31 | 5,50 | 6,80 |

**HV27 E3**



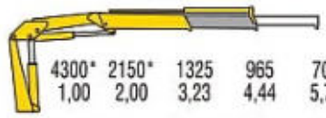
| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 2520* | 1260* | 785 | 535 | 405 | 325 |
| m | 1,00 | 2,0 | 3,20 | 4,40 | 5,60 | 6,80 |

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HV27 E2** | 2,60 | 7,93 | 370 | 13 | 4 | 205 | 330 | 17,5 | 10 | 1900x1635x352 |
| **HV27 E3** | - | 9,19 | 370 | 13 | 4 | 205 | 360 | 17,5 | 10 | 1900x1635x352 |

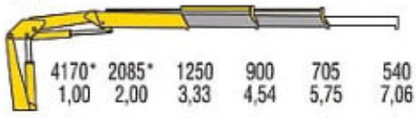
# HV 47

**HV47 E1**



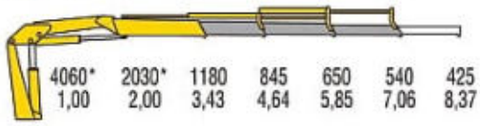
| | | | | | |
|---|---|---|---|---|---|
| kg | 4300* | 2150* | 1325 | 965 | 705 |
| m | 1,00 | 2,00 | 3,23 | 4,44 | 5,75 |

**HV47 E2**



| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 4170* | 2085* | 1250 | 900 | 705 | 540 |
| m | 1,00 | 2,00 | 3,33 | 4,54 | 5,75 | 7,06 |

**HV47 E3**

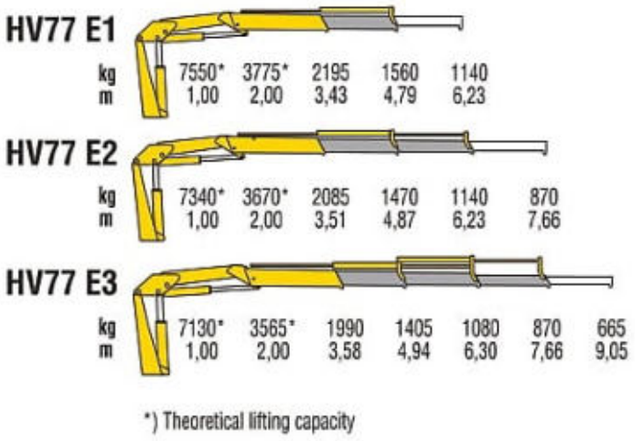


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 4060* | 2030* | 1180 | 845 | 650 | 540 | 425 |
| m | 1,00 | 2,00 | 3,43 | 4,64 | 5,85 | 7,06 | 8,37 |

*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HV47 E1** | 4,30 | 7,22 | 380 | 16 | 4 | 270 | 565 | 48 | 14 | 2155x1955x420 |
| **HV47 E2** | - | 8,51 | 380 | 16 | 4 | 270 | 615 | 48 | 14 | 2155x1955x420 |
| **HV47 E3** | - | 9,81 | 380 | 16 | 4 | 270 | 660 | 48 | 14 | 2155x1955x420 |

# HV 77




*) Theoretical lifting capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HV77 E1** | 7,55 | 7,81 | 380 | 16 | 4 | 250 | 770 | 48 | 16 | 2320x2030x565 |
| **HV77 E2** | - | 9,22 | 380 | 16 | 4 | 250 | 830 | 48 | 16 | 2320x2030x565 |
| **HV77 E3** | - | 10,64 | 380 | 16 | 4 | 250 | 890 | 48 | 16 | 2320x2030x565 |

# HV 107

**HV107 E1**

| | | | | | |
|---|---|---|---|---|---|
| kg | 9560* | 3915** | 2425 | 1720 | 1230 |
| m | 1,00 | 2,42 | 3,91 | 5,56 | 7,35 |

**HV107 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 9180* | 3770** | 2300 | 1605 | 1230 | 895 |
| m | 1,00 | 2,42 | 3,99 | 5,64 | 7,34 | 9,22 |

**HV107 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 8880* | 3670** | 2170 | 1485 | 1120 | 895 | 675 |
| m | 1,00 | 2,42 | 4,08 | 5,73 | 7,43 | 9,22 | 11,17 |

*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HV107 E1** | 9,56 | 9,30 | 380 | 15 | 4 | 275 | 1030 | 100 | 25 | 2490X2320X635 |
| **HV107 E2** | - | 11,08 | 380 | 15 | 4 | 275 | 1130 | 100 | 25 | 2490X2320X635 |
| **HV107 E3** | - | 12,95 | 380 | 15 | 4 | 275 | 1220 | 100 | 25 | 2490X2320X690 |

# HV 147

**HV147 E1**

| | | | | | |
|---|---|---|---|---|---|
| kg | 13870* | 5820** | 3455 | 2485 | 1815 |
| m | 1,00 | 2,34 | 3,93 | 5,58 | 7,36 |

**HV147 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 13360* | 5655** | 3295 | 2355 | 1815 | 1380 |
| m | 1,00 | 2,34 | 4,01 | 5,66 | 7,36 | 9,23 |

**HV147 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 12930* | 5525** | 3160 | 2250 | 1715 | 1380 | 1015 |
| m | 1,00 | 2,34 | 4,08 | 5,73 | 7,43 | 9,23 | 11,14 |

*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| HV147 E1 | 13,9 | 9,54 | 380 | 15 | 4 | 285 | 1375 | 100 | 25 | 2500X2455X820 |
| HV147 E2 | - | 11,3 | 380 | 15 | 4 | 285 | 1490 | 100 | 25 | 2500X2455X820 |
| HV147 E3 | - | 13,1 | 380 | 15 | 4 | 285 | 1595 | 100 | 25 | 2500X2455X820 |

# HV 197

**HV197 E1**

| | | | | | |
|---|---|---|---|---|---|
| kg | 19110* | 7965** | 4715 | 3395 | 2510 |
| m | 1,00 | 2,33 | 3,98 | 5,63 | 7,41 |

**HV197 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 18600* | 7765** | 4520 | 3240 | 2510 | 1915 |
| m | 1,00 | 2,33 | 4,06 | 5,71 | 7,41 | 9,28 |

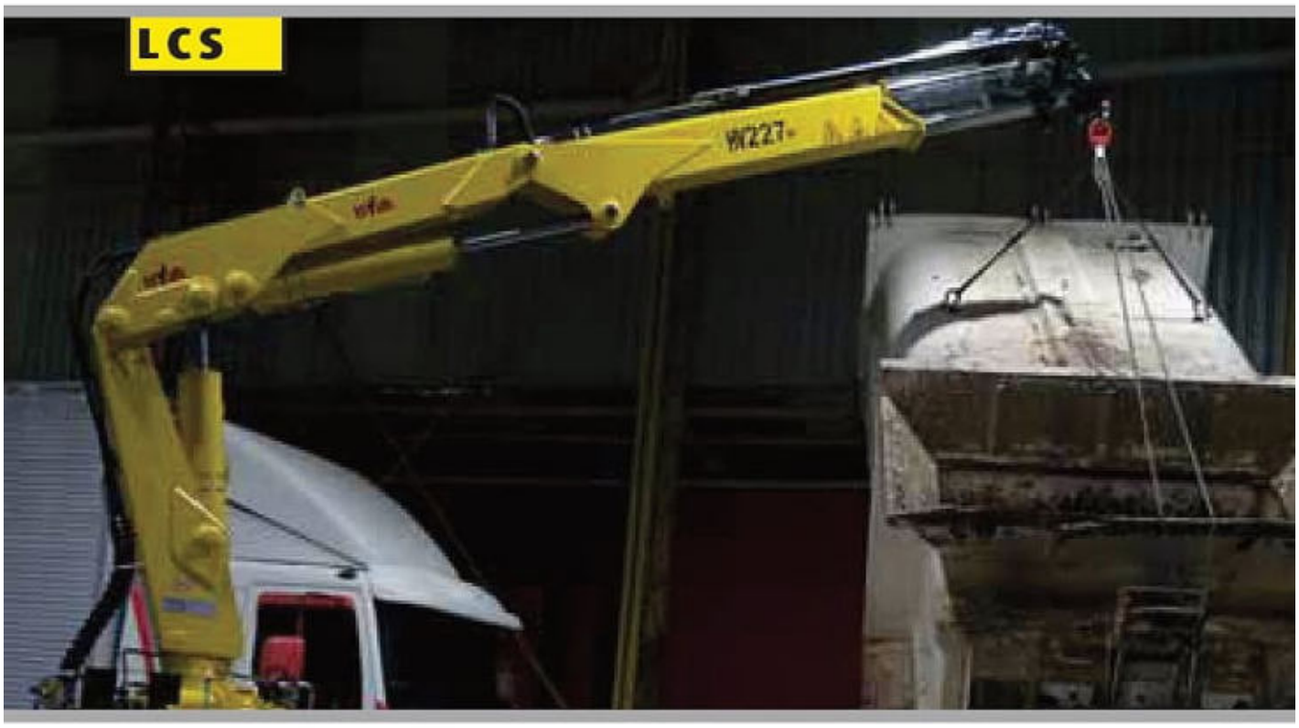
**HV197 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 17940* | 7610** | 4345 | 3100 | 2380 | 1915 | 1510 |
| m | 1,00 | 2,33 | 4,13 | 5,78 | 7,48 | 9,28 | 11,15 |

*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HV197 E1** | 19,1 | 9,35 | 380 | 15 | 4 | 295 | 1715 | 150 | 40 | 2500X2475X920 |
| **HV197 E2** | - | 11,0 | 380 | 15 | 4 | 295 | 1850 | 150 | 40 | 2500X2475X920 |
| **HV197 E3** | - | 12,8 | 380 | 15 | 4 | 295 | 1975 | 150 | 40 | 2500X2475X920 |

# HV 227




**HV227 E1**

| | | | | | |
|---|---|---|---|---|---|
| kg | 20520* | 8490** | 5035 | 3645 | 2710 |
| m | 1,00 | 2,33 | 3,98 | 5,63 | 7,41 |

**HV227 E2**

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 20080* | 8460** | 4835 | 3485 | 2710 | 2075 |
| m | 1,00 | 2,33 | 4,06 | 5,71 | 7,41 | 9,28 |

**HV227 E3**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 19370* | 8315** | 4670 | 3330 | 2570 | 2075 | 1640 |
| m | 1,00 | 2,33 | 4,13 | 5,78 | 7,48 | 9,28 | 11,15 |

*) Theoretical lifting capacity
**) Fixed hook capacity

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT STABILIZERS | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HV227 E1** | 20,5 | 9,35 | 380 | 15 | 4 | 315 | 1745 | 150 | 40 | 2500X2475X945 |
| **HV227 E2** | - | 11,05 | 380 | 15 | 4 | 315 | 1880 | 150 | 40 | 2500X2475X945 |
| **HV227 E3** | - | 12,84 | 380 | 15 | 4 | 315 | 2005 | 150 | 40 | 2500X2475X945 |

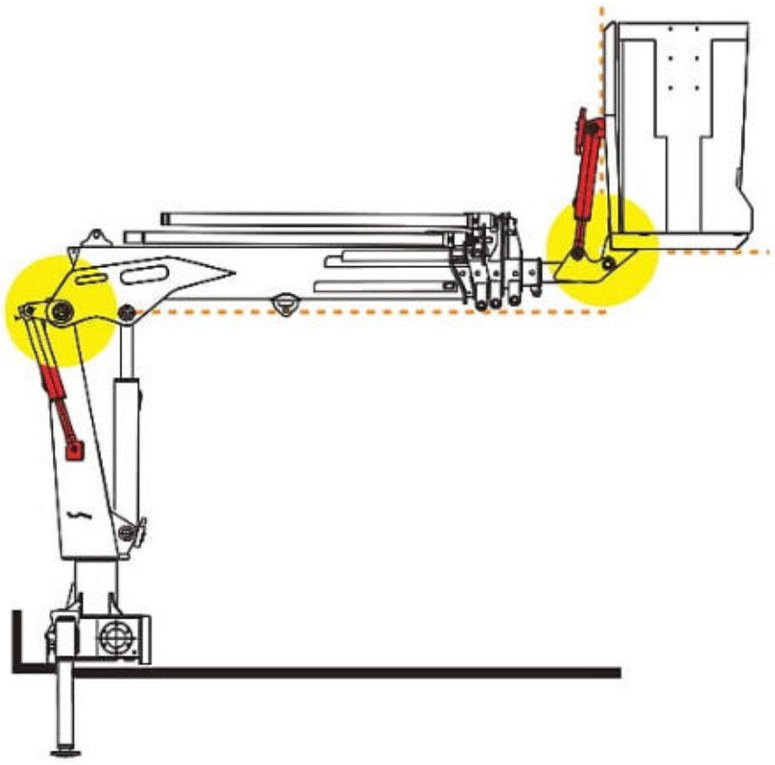
# MAN BASKET

## HA50 MB
## HA70 MB

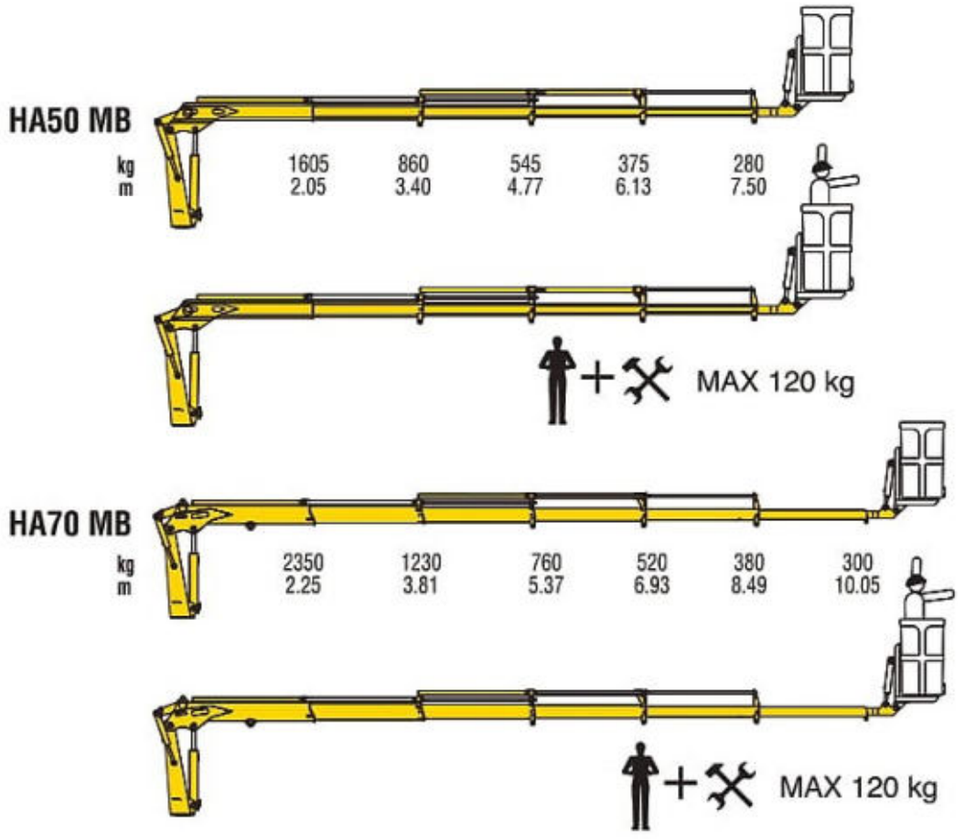
**Telescopic cranes with self-aligning basket**

# MAN BASKET

Thanks to the special "self-aligning" balancing system, the position of the basket is always horizontal without any intervention from the user.



# MAN BASKET




| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT (STAB. STANDARD) | OIL TANK CAPACITY | OIL FLOW | DIMENSIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | mm B x h x S |
| **HA50 MB** | 3,29 | 13,30 | 380 | - | 4 | 220 | 940 | 35 | 15 | 3305x1940x850 |
| **HA70 MB** | 5,29 | 16,00 | 387 | - | 4 | 220 | 1260 | 35 | 18 | 3765x2080x850 |

# FFB

## HB 10S FFB
## HB 11 FFB
## HB 16 FFB
## HB 50S FFB
## HB 50 FFB

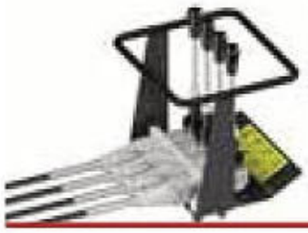
### SPECIALIZED CRANES FOR AGRICULTURAL TRACTORS

Uniquely engineered to support advanced applications in the agricultural industry, the FFB line boosts the productivity and efficiency while enhancing the speeds and safety of harvesting activities.

## Easy and Safe

### Easy to use and maintain

All the greasing point are in a easy to access position.



### Cable controls

Connection by cable controls allow an easy installation and a higher safety for the driver.

### 4 functions control valve by Walvoil

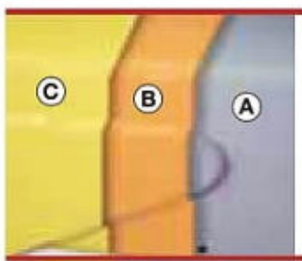
### 7 functions control valve by Hidrocontrol

## Strong and reliable

### Structural design in accordance with: EN12999

### Quality ISO9001: 2008 certified

Production from the raw metal to the crane ready to be installed is controlled by quality procedures certified by Lloyd's register according to ISO9001.




### Long life painting

Painting process is made to allow the best quality possible and ensure a long crane life in all the applications and environments.

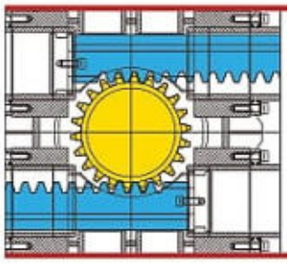
**A - Iron grid sandblasting**
**B - Cathodic electrodeposition paint**
**C - Yellow polyester powder paint**

### Hexagonal boom

The use of this technology brings superior performance, reduced maintenance, and less adjustment.

## Strong and reliable

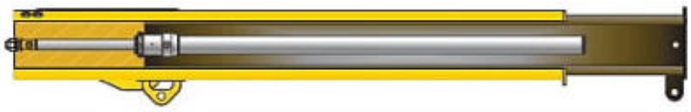
### Rack and Pinion heavy duty slewing



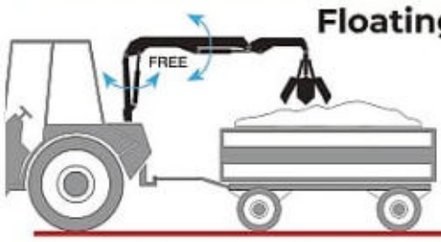
### Double rack and pinion heavy duty slewing

The use of two racks spread the force across twice as many teeth on the pinion. Slewing has more strength for difficult situations.

### Internal extension cylinder



### Floating device




## Full packages

### 3 Jaws grab

Self weight: 35 kg
Capacity: 50 dm³

### 4 jaws grab

Self weight: 75 kg
Capacity: 100 dm³

### box grab

Special attachment for bulk material

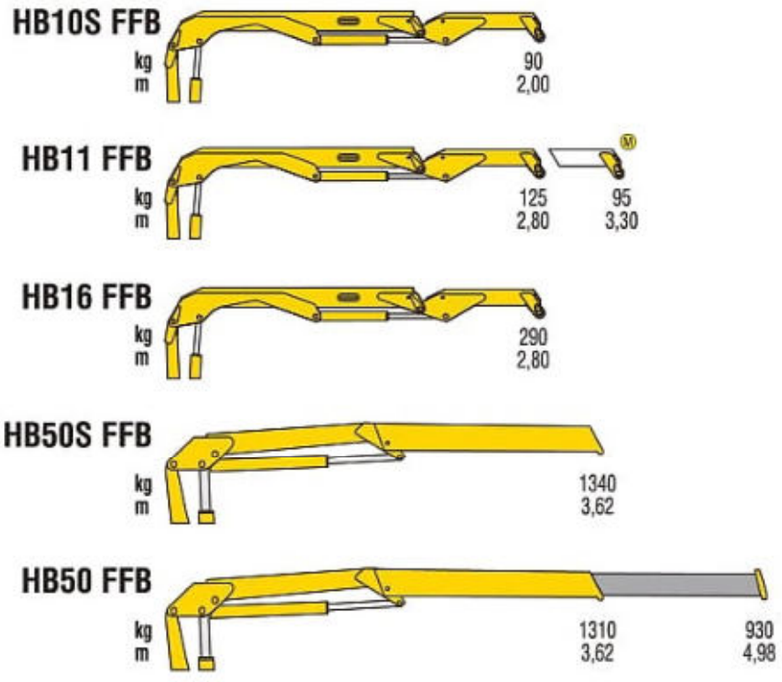
### Oil tank

Steel oil tank made to be installed on the back of the tractor including oil filter and level indicators.

HB16FFB

HB16FFB

# FFB




Ⓜ Manual extension (weight kg 10)

| MODELS | LIFTING MOMENT | MAX VERTICAL REACH (HYDR) | SLEWING ANGLE | SLEWING TIME | MAX WORKING HEEL | WORKING PRESSURE | CRANE WEIGHT WITHOUT MANUAL EXTENSION | OIL TANK CAPACITY | OIL FLOW | RACOMMENDED TRACTOR |
|---|---|---|---|---|---|---|---|---|---|---|
| | tm | m | ° | s/180° | ° | bar | kg | l | l/min | hp |
| **HB10S FFB** | - | 3,1 | 330 | 45 | 10 | 70 | 148 | 25 | 12 | - |
| **HB11 FFB** | 0,5 | 3,7 | 330 | 4 | 10 | 90 | 166 | 25 | 12 | 25 - 65 |
| **HB16 FFB** | 1,0 | 3,7 | 330 | 4 | 10 | 160 | 166 | 46 | 12 | 25 - 65 |
| **HB50S FFB** | - | 5,7 | 380 | 36 | 4 | 275 | 625 | 35 | 15 | 80 |
| **HB50 FFB** | 4,8 | 6,7 | 330 | 10 | 4 | 275 | 675 | 35 | 15 | - |

# HZ

# HZR L
# HZR Z
# HZT L
# HZT Z

## HZR

## SPECIALIZED CRANES FOR RECYCLING APPLICATIONS

Designed specifically to meet the needs of recycling applications, the HZR is available in foldable (Z) and non-foldable (L) versions.
With a wide range of models and versions, these cranes are the perfect solution for scrap and container handling from 8 to 25 tm. Offering high-speed performance, itís perfect one-stop solution when combined with Hyva hookloaders and attachments.

## HZT

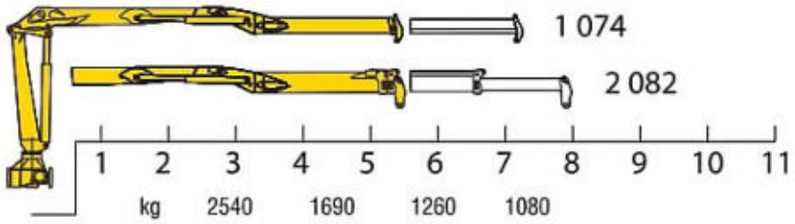
## SPECIALIZED CRANES FOR TIMBER APPLICATION

Designed specifically to meet the needs of timber applications, the HZT offers exceptional performance, high flexibility and a wide choice of accessories. With a wide range of models and versions, these cranes are the perfect solution for wood transport from 4 to 27 tm.
Foldable (Z) and non-foldable (L) versions are available.

HYVA

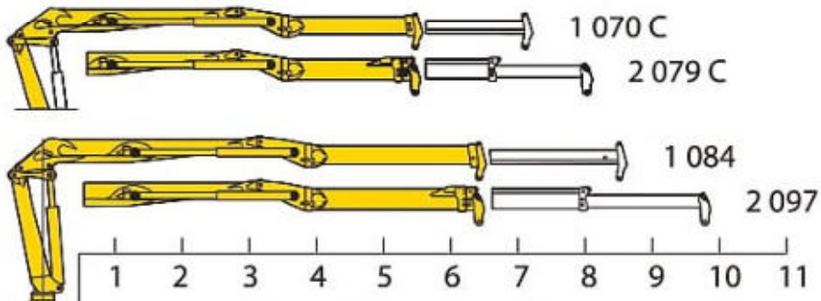
# HZR Z0

## HZR080 Z0



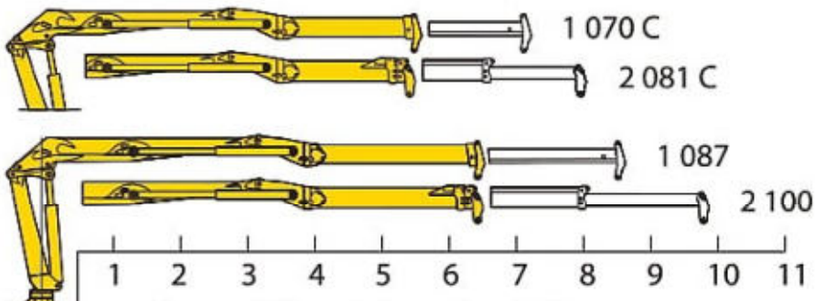

| | | | | | |
|---|---|---|---|---|---|
| 0 m | kg | 2540 | 1690 | 1260 | 1080 |
| | kg | 2480 | 1650 | 1230 | 1050 |

## HZR100 Z0



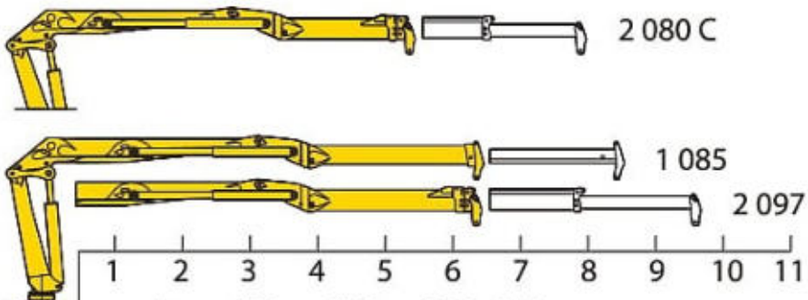

| | | | | | | |
|---|---|---|---|---|---|---|
| 0 m | kg | 3340 | 2210 | 1650 | 1400 | |
| | kg | 3280 | 2170 | 1620 | 1380 | |
| | kg | 3300 | 2190 | 1630 | 1390 | 1210 |
| | kg | 3190 | 2110 | 1570 | 1340 | 1170 1040 |

## HZR120 Z0




| | | | | | | |
|---|---|---|---|---|---|---|
| 0 m | kg | 4000 | 2650 | 1970 | 1680 | |
| | kg | 3930 | 2600 | 1940 | 1650 | |
| | kg | 3950 | 2620 | 1950 | 1660 | 1450 |
| | kg | 3840 | 2540 | 1890 | 1610 | 1410 1250 |

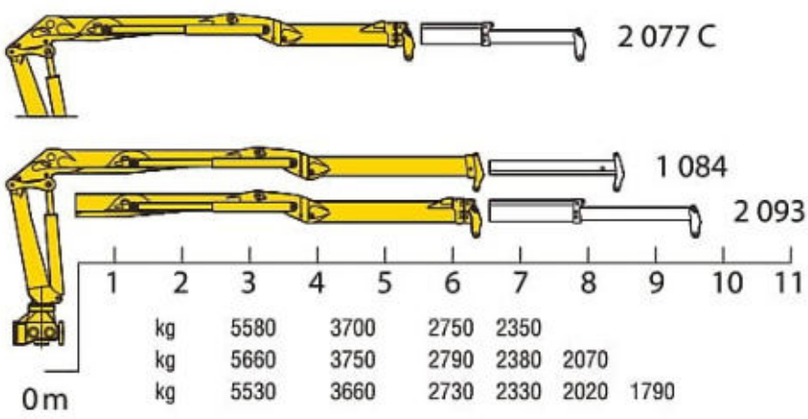
## HZR150 Z0



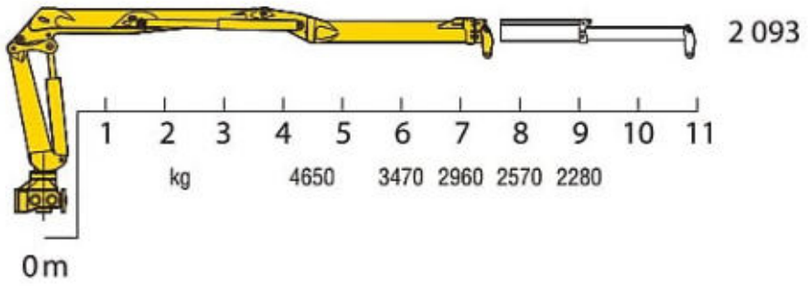

| | | | | | | |
|---|---|---|---|---|---|---|
| 0 m | kg | 4780 | 3170 | 2360 | 2010 | |
| | kg | 4800 | 3180 | 2370 | 2020 | 1760 |
| | kg | 4680 | 3100 | 2310 | 1970 | 1710 1520 |

# HZR Z0

### HZR170 Z0



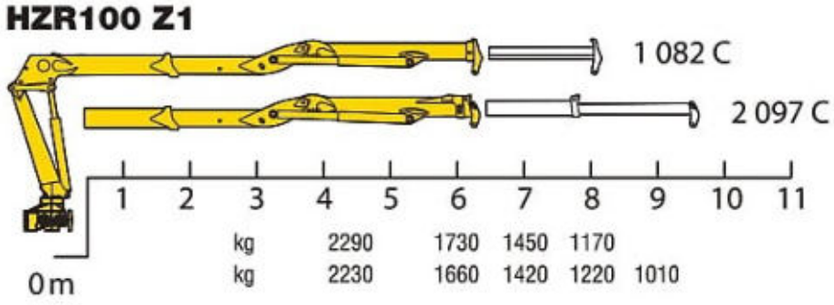

### HZR210 Z0




| Models | lifting moment (kNm) | Slewing torque (kNm) | Slewing angle (°) | Slewing speed (rpm) | Working pressure (MPa) | Oil flow (l/min) | Crane weight kg |
|---|---|---|---|---|---|---|---|
| **HZR080 Z0** | | | | | | | |
| **1 074** | 78 | 18 | 420 | 6 | 260 | 70 2x60 | 1730 |
| **2 082** | 76 | 18 | 420 | 6 | 260 | 70 2x60 | 1820 |
| **HZR100 Z0** | | | | | | | |
| **1 070 C** | 100 | 22 | 435 | 6 | 240 | 80 2x70 | 2250 |
| **2 079 C** | 99 | 22 | 435 | 6 | 240 | 80 2x70 | 2310 |
| **1 084** | 99 | 22 | 435 | 6 | 240 | 80 2x70 | 2300 |
| **2 097** | 96 | 22 | 435 | 6 | 240 | 80 2x70 | 2370 |
| **HZR120 Z0** | | | | | | | |
| **1 070 C** | 120 | 25 | 435 | 6 | 240 | 80 2x70 | 2360 |
| **2 081 C** | 118 | 25 | 435 | 6 | 240 | 80 2x70 | 2450 |
| **1 087** | 119 | 25 | 435 | 6 | 240 | 80 2x70 | 2440 |
| **2 100** | 116 | 25 | 435 | 6 | 240 | 80 2x70 | 2560 |
| **HZR150 Z0** | | | | | | | |
| **2 080 C** | 144 | 30 | 435 | 6 | 245 | 90 2x80 | 2550 |
| **1 085** | 144 | 30 | 435 | 6 | 245 | 90 2x80 | 2540 |
| **2 097** | 141 | 30 | 435 | 6 | 245 | 90 2x80 | 2660 |
| **HZR170 Z0** | | | | | | | |
| **2 077 C** | 168 | 35 | 435 | 6 | 250 | 2x90 | 3040 |
| **1 084** | 170 | 35 | 435 | 6 | 250 | 2x90 | 3030 |
| **2 093** | 166 | 35 | 435 | 6 | 250 | 2x90 | 3150 |
| **HZR210 Z0** | | | | | | | |
| **2 093** | 210 | 38 | 390 | 6 | 220 | 2x90 | 3210 |

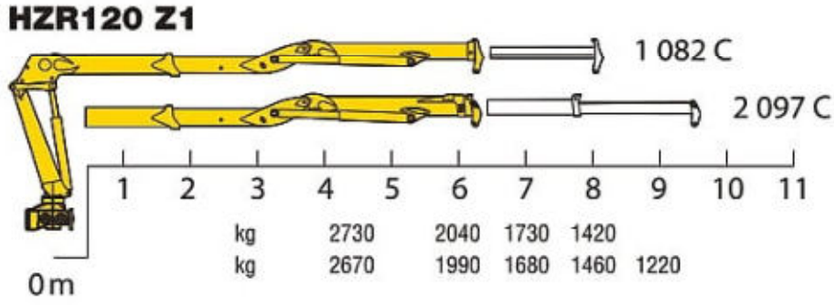
# HZR Z1

## HZR100 Z1



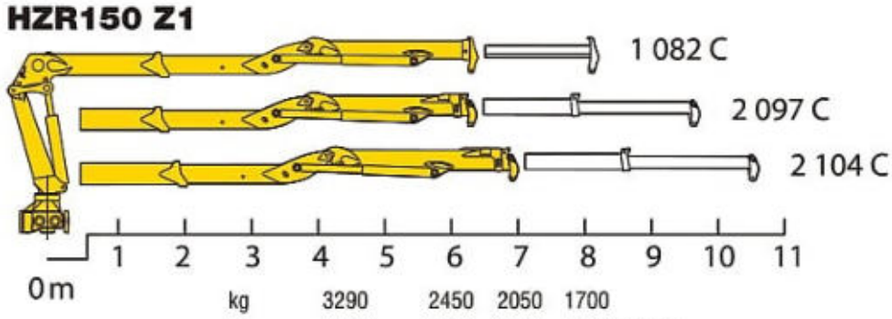

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 2290 | 1730 | 1450 | 1170 | | |
| kg | 2230 | 1660 | 1420 | 1220 | 1010 | |

## HZR120 Z1



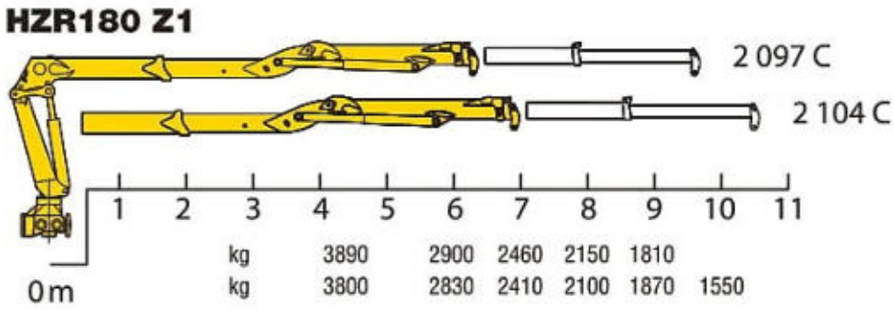

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 2730 | 2040 | 1730 | 1420 | | |
| kg | 2670 | 1990 | 1680 | 1460 | 1220 | |

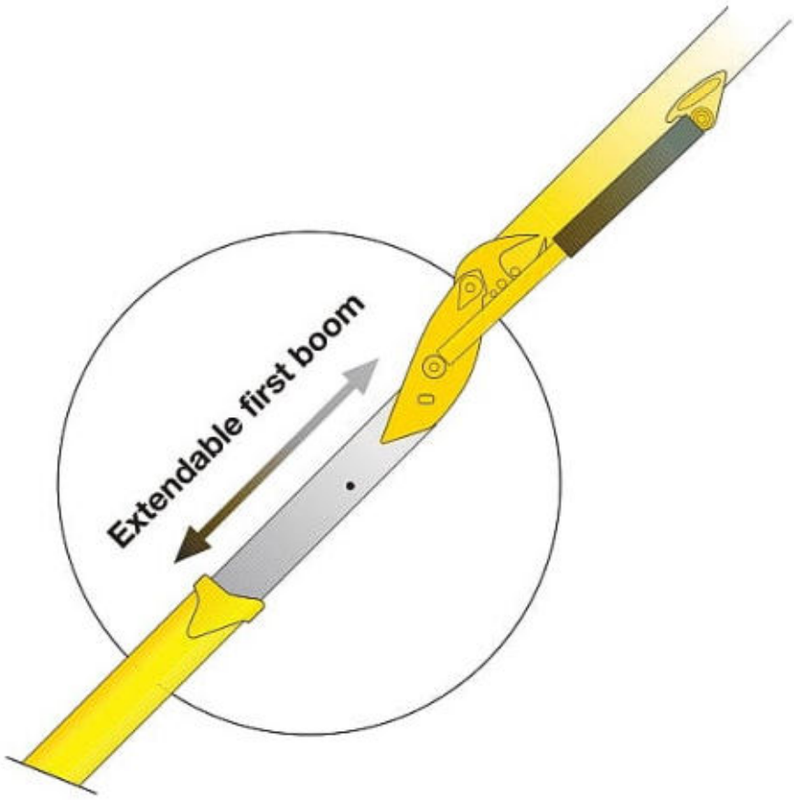
## HZR150 Z1




| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 3290 | 2450 | 2050 | 1700 | | |
| kg | 3220 | 2400 | 2040 | 1780 | 1510 | |
| kg | 3150 | 2350 | 2000 | 1740 | 1550 | 1290 |

# HZR Z1

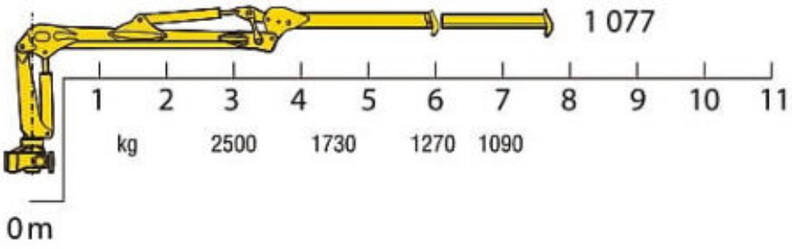


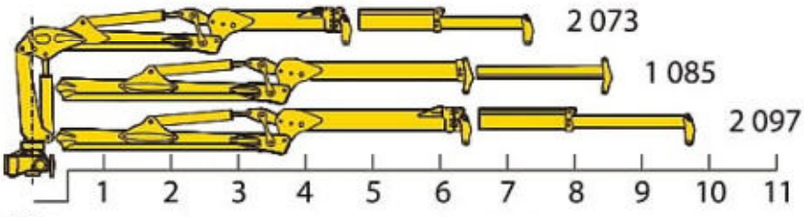

| Models | lifting moment (kNm) | Slewing torque (kNm) | Slewing angle (°) | Slewing speed (rpm) | Working pressure (MPa) | Oil flow (l/min) | Crane weight kg |
|---|---|---|---|---|---|---|---|
| **HZR100 Z1** | | | | | | | |
| **1 082 C** | 104 | 28 | 435 | 6 | 235 | 80 2x70 | 2350 |
| **2 097 C** | 100 | 28 | 435 | 6 | 235 | 80 2x70 | 2440 |
| **HZR120 Z1** | | | | | | | |
| **1 082 C** | 123 | 30 | 435 | 6 | 255 | 80 2x70 | 2390 |
| **2 097 C** | 120 | 30 | 435 | 6 | 255 | 80 2x70 | 2480 |
| **HZR150 Z1** | | | | | | | |
| **1 082 C** | 148 | 32 | 435 | 6 | 245 | 90 2x80 | 2690 |
| **2 097 C** | 145 | 32 | 435 | 6 | 245 | 90 2x80 | 2780 |
| **2 104 C** | 142 | 32 | 435 | 6 | 245 | 90 2x80 | 2950 |
| **HZR180 Z1** | | | | | | | |
| **2 097 C** | 175 | 34 | 435 | 6 | 265 | 90 2x90 | 2860 |
| **2 104 C** | 171 | 34 | 435 | 6 | 265 | 90 2x90 | 3030 |

# HZR L0

## HZR080 L0

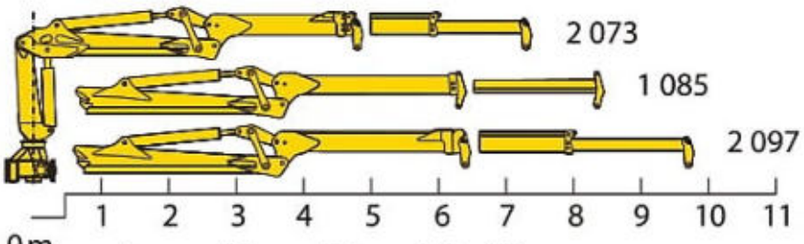



## HZR100 L0



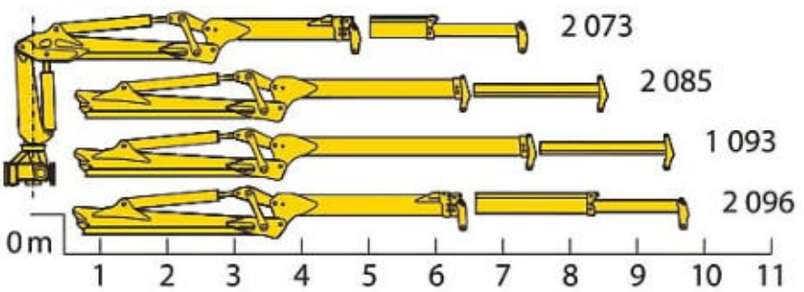

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 3400 | 2250 | 1670 | 1430 | | |
| kg | 3340 | 2200 | 1630 | 1400 | 1210 | |
| kg | 3290 | 2160 | 1600 | 1370 | 1190 | 1050 |

## HZR120 L0




| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 4010 | 2650 | 1970 | 1690 | | |
| kg | 3950 | 2600 | 1930 | 1660 | 1440 | |
| kg | 3890 | 2550 | 1880 | 1620 | 1410 | 1240 |

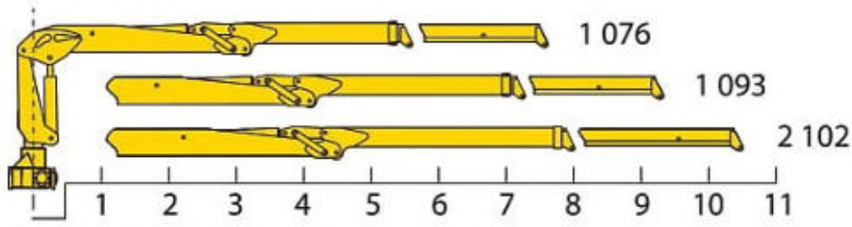
## HZR140 L0




| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 4720 | 3140 | 2340 | 2000 | | |
| kg | 4660 | 3090 | 2310 | 1960 | 1700 | |
| kg | 4650 | 3080 | 2300 | 1970 | 1710 | |
| kg | 4570 | 3010 | 2240 | 1920 | 1660 | 1460 |

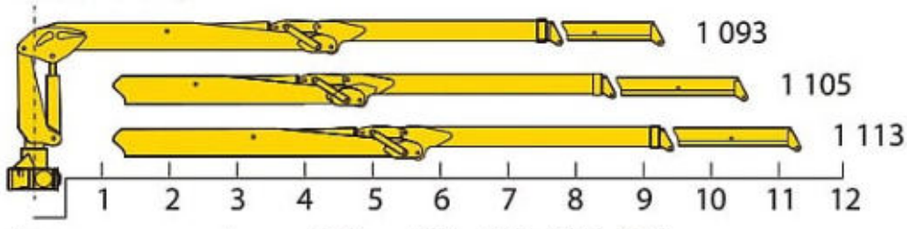
# HZR L0

## HZR160 L0




| 0 m | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 5130 | 3540 | 2610 | 2220 | | | |
| kg | 4850 | 3330 | 2460 | 2100 | 1810 | 1620 | |
| kg | 4780 | 3180 | 2370 | 2000 | 1770 | 1470 | 1370 |

## HZR250 L0

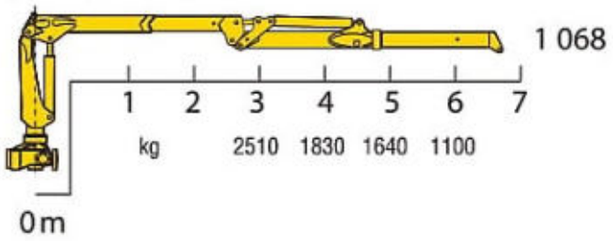



| 0 m | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 5600 | 4210 | 3580 | 3110 | 2740 | | |
| kg | 5450 | 4080 | 3460 | 3000 | 2640 | 2370 | |
| kg | 5300 | 3970 | 3340 | 2900 | 2550 | 2290 | 2060 |

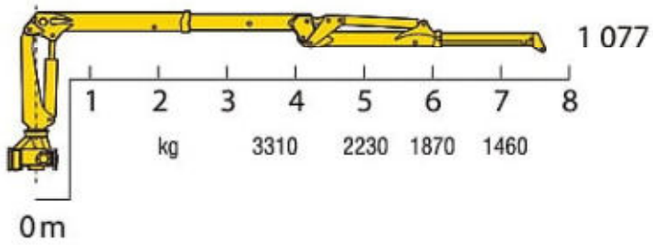
| Models | lifting moment (kNm) | Slewing torque (kNm) | Slewing angle (°) | Slewing speed (rpm) | Working pressure (MPa) | Oil flow (l/min) | Crane weight kg |
|---|---|---|---|---|---|---|---|
| **HZR080 L0** | | | | | | | |
| **1 077** | 79 | 18 | 430 | 5 | 230 | 70 | 1550 |
| **HZR100 L0** | | | | | | | |
| **2 073** | 102 | 22 | 435 | 5 | 220 | 80 2x70 | 1950 |
| **1 085** | 100 | 22 | 435 | 5 | 220 | 80 2x70 | 2000 |
| **2 097** | 96 | 22 | 435 | 5 | 220 | 80 2x70 | 2090 |
| **HZR120 L0** | | | | | | | |
| **2 073** | 122 | 25 | 435 | 5 | 240 | 80 2x70 | 2080 |
| **1 085** | 120 | 25 | 435 | 5 | 240 | 80 2x70 | 2150 |
| **2 097** | 116 | 25 | 435 | 5 | 240 | 80 2x70 | 2220 |
| **HZR140 L0** | | | | | | | |
| **2 073** | 142 | 30 | 435 | 5 | 240 | 90 2x80 | 2430 |
| **2 085** | 140 | 30 | 435 | 5 | 240 | 90 2x80 | 2460 |
| **1 093** | 139 | 30 | 435 | 5 | 240 | 90 2x80 | 2520 |
| **2 096** | 135 | 30 | 435 | 5 | 240 | 90 2x80 | 2600 |
| **HZR160 L0** | | | | | | | |
| **1 076** | 161 | 35 | 435 | 5 | 230 | 2x90 | 2580 |
| **1 093** | 151 | 35 | 435 | 5 | 230 | 2x90 | 2800 |
| **2 102** | 136 | 35 | 435 | 5 | 230 | 2x90 | 2860 |
| **HZR250 L0** | | | | | | | |
| **1 093** | 256 | 38 | 435 | 5 | 230 | 2x90 | 3120 |
| **1 105** | 244 | 38 | 435 | 5 | 230 | 2x90 | 3280 |
| **1 113** | 241 | 38 | 435 | 5 | 230 | 2x90 | 3370 |

# HZR L1

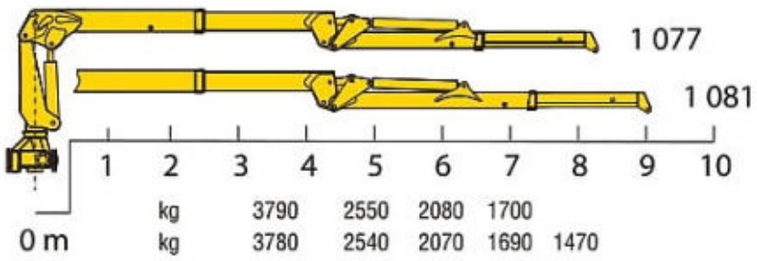
### HZR080 L1




### HZR100 L1

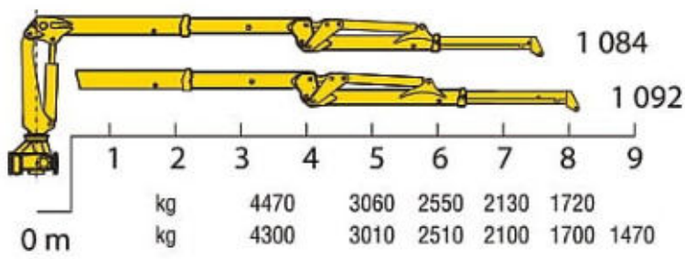


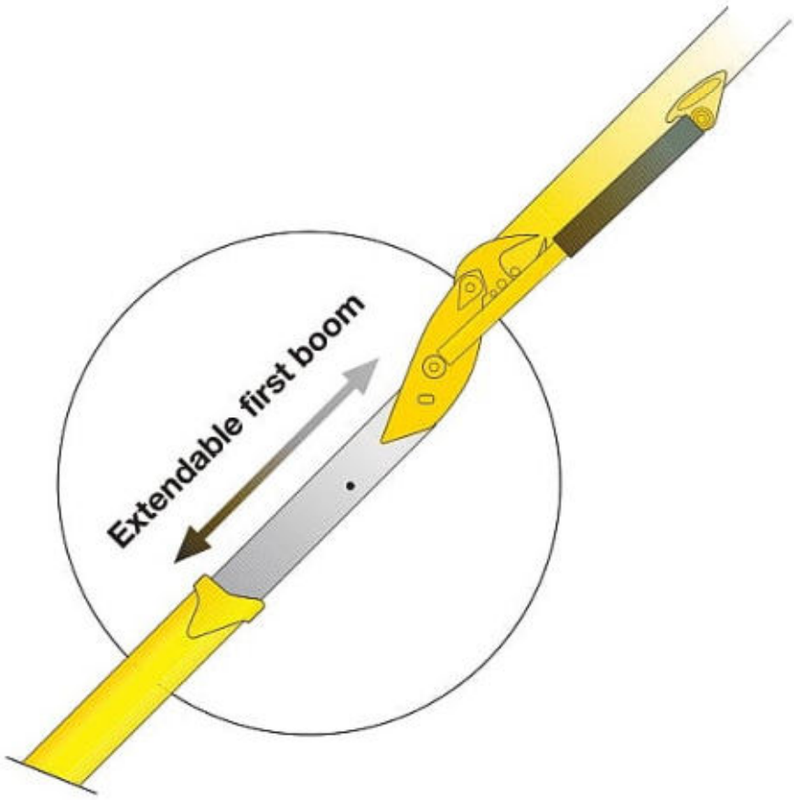

### HZR120 L1



# HZR L1

**HZR150 L1**

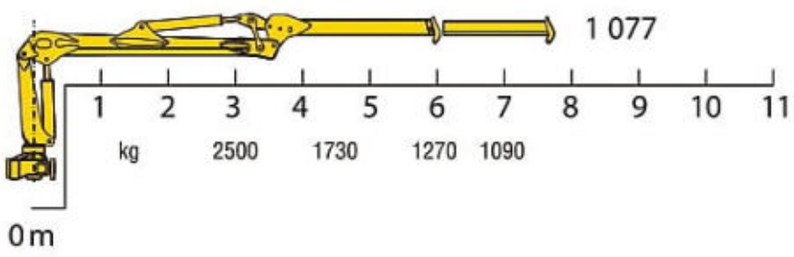


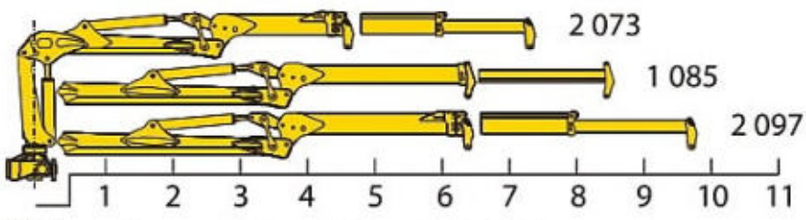

| Models | lifting moment (kNm) | Slewing torque (kNm) | Slewing angle (°) | Slewing speed (rpm) | Working pressure (MPa) | Oil flow (l/min) | Crane weight kg |
|---|---|---|---|---|---|---|---|
| **HZR080 L1** | | | | | | | |
| **1 068** | 75 | 18 | 430 | 5 | 220 | 70 | 1800 |
| **HZR100 L1** | | | | | | | |
| **1 077** | 115 | 22 | 435 | 5 | 240 | 80 2x70 | 2420 |
| **HZR120 L1** | | | | | | | |
| **1 077** | 132 | 25 | 435 | 5 | 250 | 80 2x70 | 2480 |
| **1 081** | 132 | 25 | 435 | 5 | 250 | 80 2x70 | 2520 |
| **HZR150 L1** | | | | | | | |
| **1 084** | 156 | 25 | 435 | 5 | 250 | 90 2x80 | 2980 |
| **1 092** | 155 | 25 | 435 | 5 | 250 | 90 2x80 | 3130 |

# HZT L0

## HZT080 L0

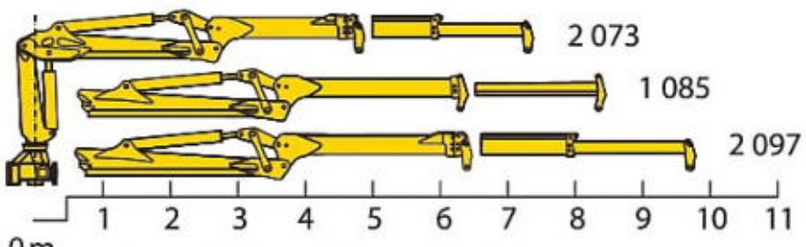



## HZT100 L0



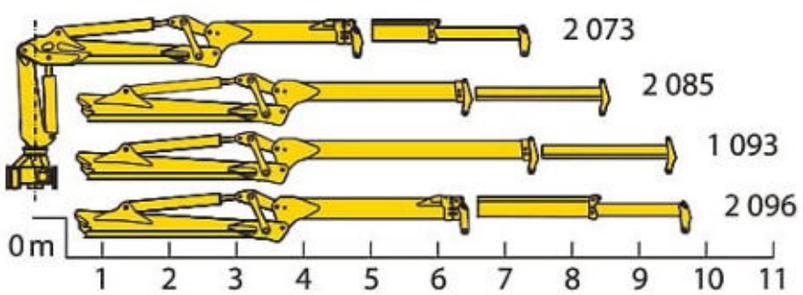

| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 3400 | 2250 | 1670 | 1430 | | |
| kg | 3340 | 2200 | 1630 | 1400 | 1210 | |
| kg | 3290 | 2160 | 1600 | 1370 | 1190 | 1050 |

## HZT120 L0




| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 4010 | 2650 | 1970 | 1690 | | |
| kg | 3950 | 2600 | 1930 | 1660 | 1440 | |
| kg | 3890 | 2550 | 1880 | 1620 | 1410 | 1240 |

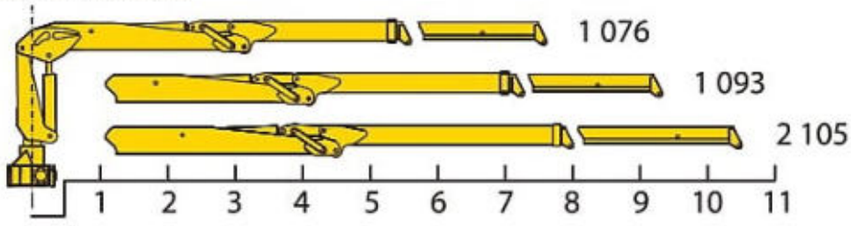
## HZT140 L0




| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 4720 | 3140 | 2340 | 2000 | | |
| kg | 4660 | 3090 | 2310 | 1960 | 1700 | |
| kg | 4650 | 3080 | 2300 | 1970 | 1710 | |
| kg | 4570 | 3010 | 2240 | 1920 | 1660 | 1460 |

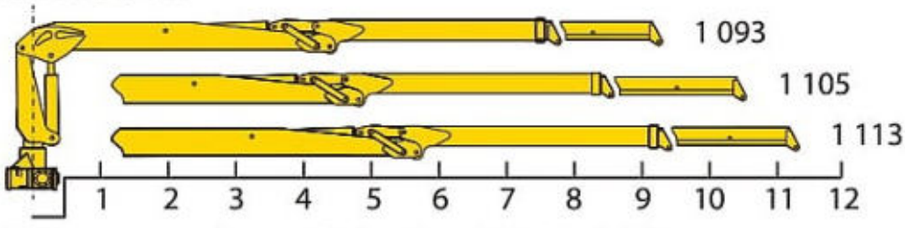
# HZT L0

## HZT160 L0




| 0 m | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 5130 | 3540 | 2610 | 2220 | | | |
| kg | 4850 | 3330 | 2460 | 2100 | 1810 | 1620 | |
| kg | 4780 | 3180 | 2370 | 2000 | 1770 | 1470 | 1370 |

## HZT250 L0

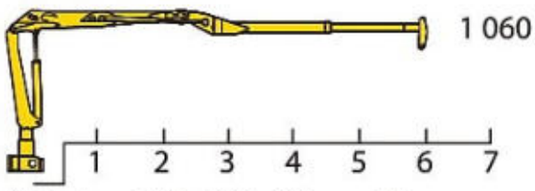



| 0 m | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 5600 | 4210 | 3580 | 3110 | 2740 | | |
| kg | 5450 | 4080 | 3460 | 3000 | 2640 | 2370 | |
| kg | 5300 | 3970 | 3340 | 2900 | 2550 | 2290 | 2060 |

| Models | lifting moment (kNm) | Slewing torque (kNm) | Slewing angle (°) | Slewing speed (rpm) | Working pressure (MPa) | Oil flow (l/min) | Crane weight kg |
|---|---|---|---|---|---|---|---|
| **HZT080 L0** | | | | | | | |
| **1 077** | 79 | 18 | 430 | 5 | 230 | 70 | 1550 |
| **HZT100 L0** | | | | | | | |
| **2 073** | 102 | 22 | 435 | 5 | 220 | 80 2x70 | 1950 |
| **1 085** | 100 | 22 | 435 | 5 | 220 | 80 2x70 | 2000 |
| **2 097** | 96 | 22 | 435 | 5 | 220 | 80 2x70 | 2090 |
| **HZT120 L0** | | | | | | | |
| **2 073** | 122 | 25 | 435 | 5 | 240 | 80 2x70 | 2080 |
| **1 085** | 120 | 25 | 435 | 5 | 240 | 80 2x70 | 2150 |
| **2 097** | 116 | 25 | 435 | 5 | 240 | 80 2x70 | 2220 |
| **HZT140 L0** | | | | | | | |
| **2 073** | 142 | 30 | 435 | 5 | 240 | 90 2x80 | 2430 |
| **2 085** | 140 | 30 | 435 | 5 | 240 | 90 2x80 | 2460 |
| **1 093** | 139 | 30 | 435 | 5 | 240 | 90 2x80 | 2520 |
| **2 096** | 135 | 30 | 435 | 5 | 240 | 90 2x80 | 2600 |
| **HZT160 L0** | | | | | | | |
| **1 076** | 161 | 35 | 435 | 5 | 230 | 2x90 | 2580 |
| **1 093** | 151 | 35 | 435 | 5 | 230 | 2x90 | 2800 |
| **2 105** | 136 | 35 | 435 | 5 | 230 | 2x90 | 2860 |
| **HZT250 L0** | | | | | | | |
| **1 093** | 256 | 38 | 435 | 5 | 230 | 2x90 | 3120 |
| **1 105** | 244 | 38 | 435 | 5 | 230 | 2x90 | 3280 |
| **1 113** | 241 | 38 | 435 | 5 | 230 | 2x90 | 3370 |

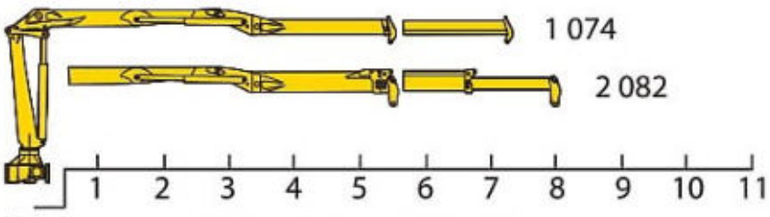
# HZT Z0

## HZT040 Z0



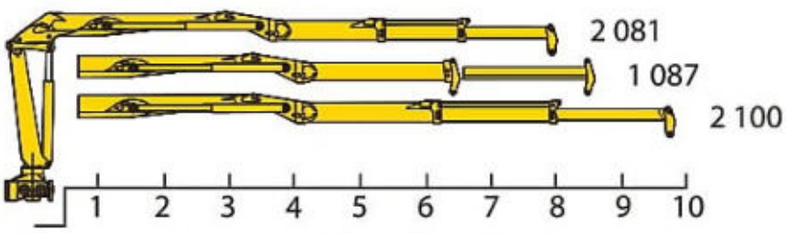

| | | | | | | |
|---|---|---|---|---|---|---|
| 0 m | kg | 1800 | 1300 | 990 | 710 | |

## HZT080 Z0



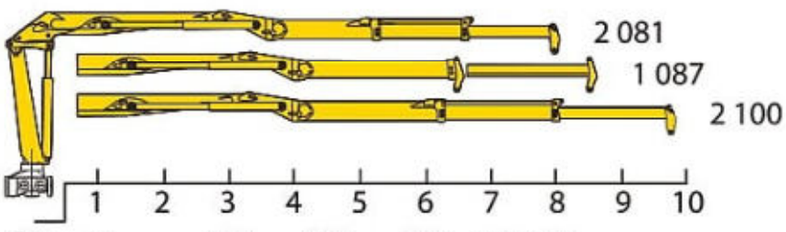

| | | | | | | |
|---|---|---|---|---|---|---|
| 0 m | kg | 2750 | 1830 | 1350 | 1150 | |
| | kg | 2700 | 1790 | 1340 | 1150 | |

## HZT110 Z0



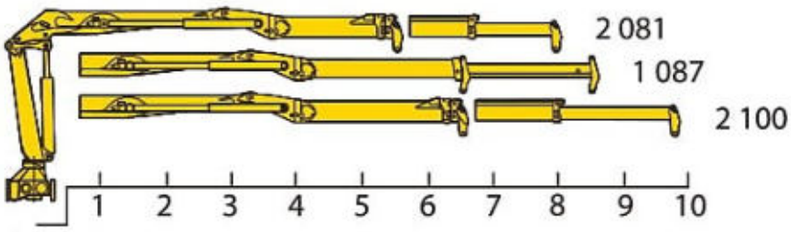

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0 m | kg | 3350 | 2240 | 1660 | 1410 | 1210 | |
| | kg | 3390 | 2260 | 1670 | 1420 | 1240 | |
| | kg | 3280 | 2170 | 1610 | 1360 | 1180 | 1030 |

## HZT130 Z0




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0 m | kg | 4070 | 2710 | 2010 | 1720 | 1480 | |
| | kg | 4110 | 2740 | 2040 | 1740 | 1500 | |
| | kg | 3990 | 2650 | 1970 | 1670 | 1440 | 1260 |

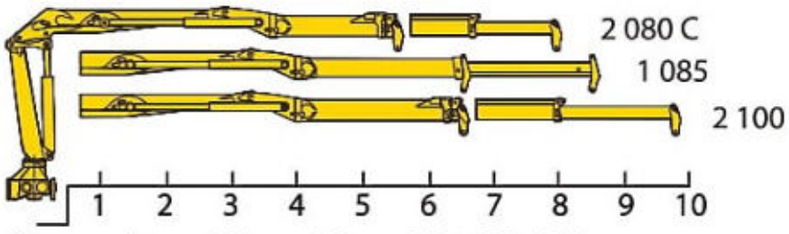
## HZT150 Z0




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0 m | kg | 4860 | 3250 | 2410 | 2040 | 1760 | |
| | kg | 4920 | 3300 | 2450 | 2070 | 1790 | |
| | kg | 4760 | 3160 | 2340 | 1980 | 1710 | 1500 |

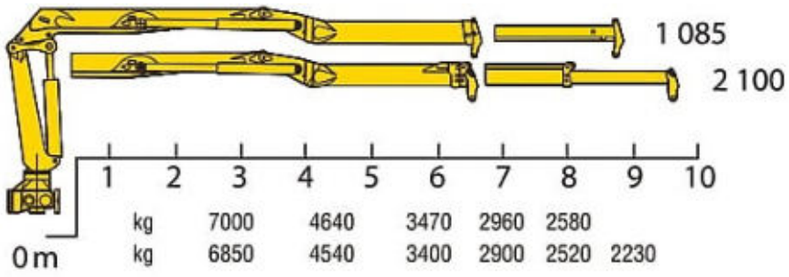
# HZT Z0

## HZT180 Z0



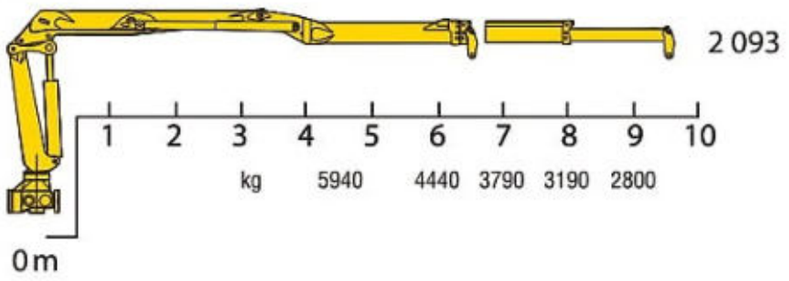

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| kg | 5930 | 3950 | 2930 | 2580 | 2140 | | |
| kg | 6000 | 4010 | 2990 | 2530 | 2180 | | |
| kg | 5880 | 3910 | 2900 | 2460 | 2130 | 1850 | |

## HZT210 Z0




| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 7000 | 4640 | 3470 | 2960 | 2580 | |
| kg | 6850 | 4540 | 3400 | 2900 | 2520 | 2230 |

## HZT270 Z0




| | | | | | | |
|---|---|---|---|---|---|---|
| kg | 5940 | 4440 | 3790 | 3190 | 2800 | |

# HZT ZO

| Models | lifting moment (kNm) | Slewing torque (kNm) | Slewing angle (°) | Slewing speed (rpm) | Working pressure (MPa) | Oil flow (l/min) | Crane weight kg |
|---|---|---|---|---|---|---|---|
| **HZT040 ZO** | | | | | | | |
| **1 060** | 39 | 11 | 400 | 6 | 210 | 30 | 950 |
| **HZT080 ZO** | | | | | | | |
| **1 074** | 83 | 18 | 425 | 6 | 245 | 70 2x60 | 1800 |
| **2 082** | 81 | 18 | 425 | 6 | 245 | 70 2x60 | 1940 |
| **HZT110 ZO** | | | | | | | |
| **2 081** | 101 | 28 | 435 | 6 | 240 | 70 2x60 | 2020 |
| **1 087** | 102 | 28 | 435 | 6 | 240 | 70 2x60 | 2040 |
| **2 100** | 99 | 28 | 435 | 6 | 240 | 70 2x60 | 2100 |
| **HZT130 ZO** | | | | | | | |
| **2 081** | 122 | 30 | 435 | 6 | 260 | 80 2x70 | 2310 |
| **1 087** | 124 | 30 | 435 | 6 | 260 | 80 2x70 | 2300 |
| **2 100** | 120 | 30 | 435 | 6 | 260 | 80 2x70 | 2370 |
| **HZT150 ZO** | | | | | | | |
| **2 081** | 146 | 33 | 435 | 6 | 260 | 90 2x80 | 2450 |
| **1 087** | 148 | 33 | 435 | 6 | 260 | 90 2x80 | 2540 |
| **2 100** | 143 | 33 | 435 | 6 | 260 | 90 2x80 | 2560 |
| **HZT180 ZO** | | | | | | | |
| **2 080C** | 178 | 35 | 435 | 6 | 250 | 90 2x80 | 2550 |
| **1 085** | 180 | 35 | 435 | 6 | 250 | 90 2x80 | 2540 |
| **2 100** | 175 | 35 | 435 | 6 | 250 | 90 2x80 | 2680 |
| **HZT210 ZO** | | | | | | | |
| **2 085** | 210 | 38 | 435 | 5 | 260 | 2x90 | 3030 |
| **2 100** | 206 | 38 | 435 | 5 | 260 | 2x90 | 3150 |
| **HZT270 ZO** | | | | | | | |
| **2 093** | 267 | 42 | ENDLESS | 5 | 230 | 2x100 | 3210 |

KENNIS
16R

# KENNIS

## CRANES BY HYVA®

# 13 - RL
# 14 - R
# 16 - R
# R - 24
# R - 30
# R - 40

**The Kennis concept maximizes the haulage payload and increases your productivity.**

**Fast Operation**

**Longer Useful Life**

**Efficient, Simpler & Safer For Users.**

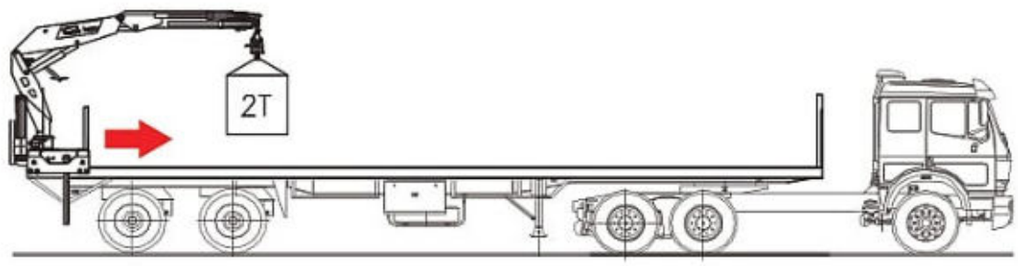
**Improved Driving Condition**

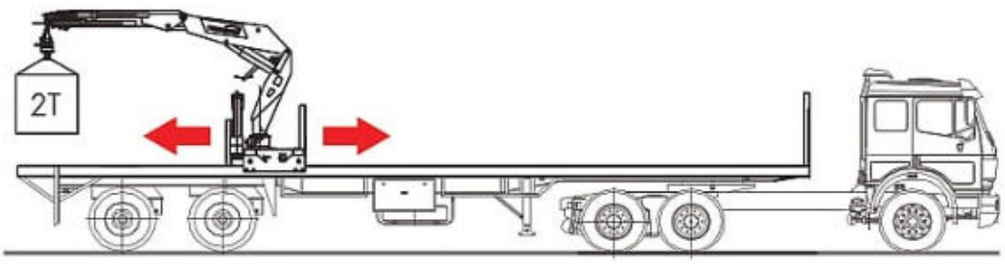
**Maximum Payload**

KENNIS
CRANES BY HYVA

## HIGH LIFTING CAPACITY AND LOW TARE

The complete Kennis Rolloader concept is the combination of a light crane, light attachment and equally important a light trailer. Kennis Rolloader Cranes are made to perform many cycles at high speed and with exceptional precision. With a lightweight, compact design and a short boom, Kennis cranes can do the same heavy job with a lower load moment (capacity) than a heavy rear mounted crane which will require a long boom. The steel structures of crane and crane equipment have been engineered to perform and endure tough heavy duty load cycles making the crane fast, extremely robust and durable while still very safe to operate.




## UNRESTRICTED VIEW FROM ITS ERGONOMIC CONTROL

- **Better visibility so as to view loading and unloading operations.**
- **Simple, safe intuitive control.**
- **Precise and advanced top seat control with levers or four-axis joystick control and foot pedals.**
- **Ergonomically designed topseat and crane control joysticks improves comfort leading to efficiency, and also increases safety.**

## RADIO REMOTE CONTROL

Multifunction radio remote control allows the operator to move 2-3-4 or more functions of the crane simultaneously, and to move freely around the trailer and keep control of the load position.

## ENVIRONMENTALLY FRIENDLY

- Lower total tare weight so maximum payload is transported.
- Self-propelled crane with its own high performance fuel efficient power unit.
- Variable displacement pump using optimum power resulting in less fuel consumption.

## EFFICIENCY

- Faster loading cycle speeds.
- Load/ Unload independently without the use of any other handling equipment on site.
- The crane operation is closer to the load with a shorter boom maximizing the load capacity.
- Self-propelled powered base eliminates the necessity of moving your truck while loading, saving valuable time.
- A precise control of the crane's movement and for accurate placing of the load.
- Easily offload the crane from the trailer.

## LONGER USEFUL LIFE

A Kennis crane mounted on the trailer outlasts the useful life far longer than the tractor head truck. Different fleet of tractor heads can also be used for multiple other applications making the operations more flexible as it does not need to have specially fitted hydraulic kits to power the crane.

- Continuous slewing
- Hexagonal boom sections
- Twin high performance lift cylinders

# E POWER

E-Power helps to meet increasingly demanding environmental regulations, with direct tax benefits for the customers in certain countries.

## BATTERY PACK AND MOTOR

Electric motors used, feature Kennis integrated electric motors (IEM) and batteries with a new generation of power semiconductors, to achieve best in class efficiency.

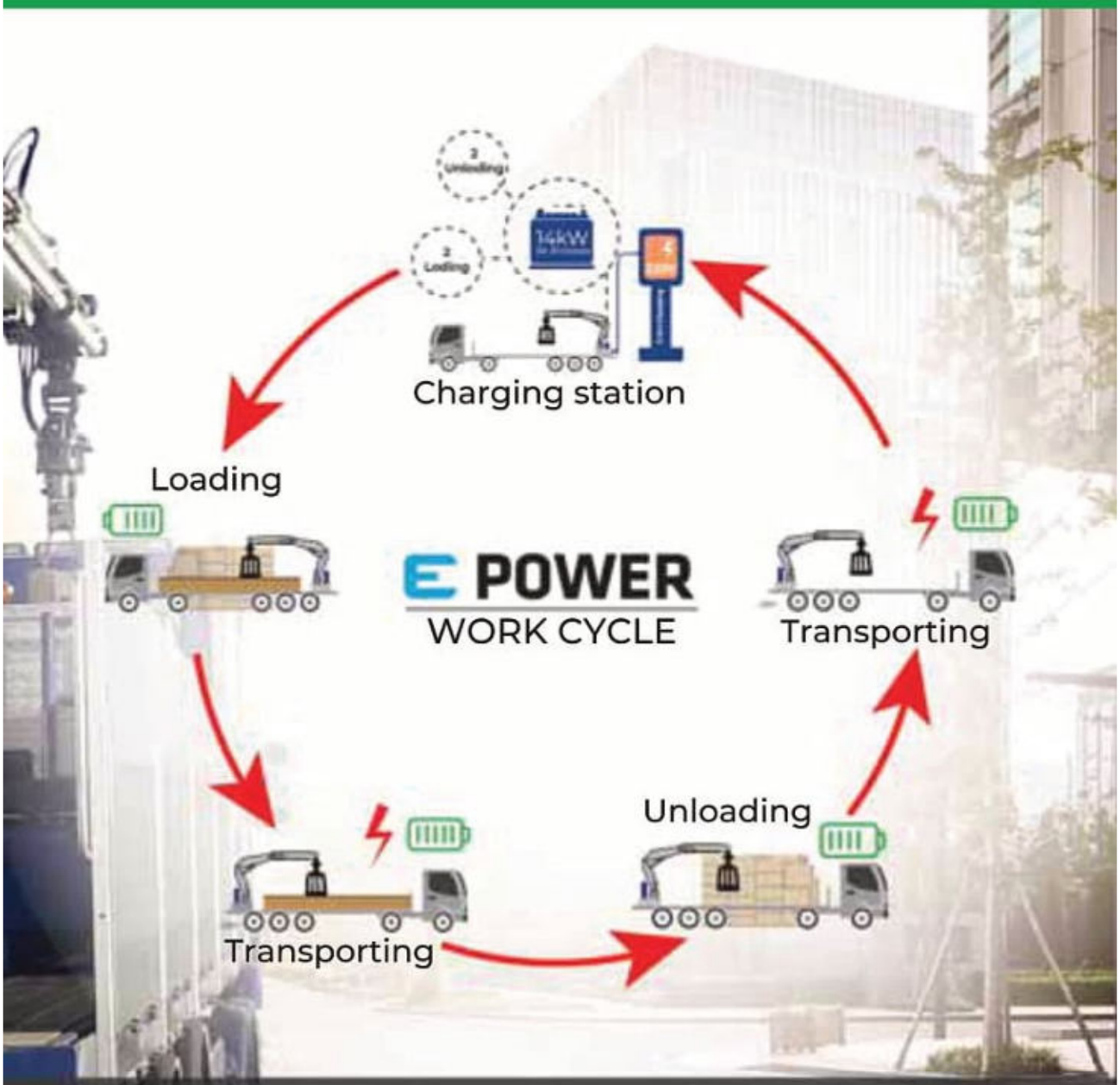
## CONSTANT TORQUE

Kennis electric motors matches robustness and power by providing the correct torque and constant angular speed to drive the hydraulic pump.

## URBAN USE

The electric crane solution is ideal for urban areas and can be operated when the truck engine is switched off.

Kennis e-power cranes lead a pioneering role in the field of electrification and are the latest high-performance innovations, maintaining the best advantages in service and payload.




## GOING THE EXTRA MILE

Kennis ORRS (On-Road Recharging System). provides energy to recharge service battery from traction battery energy.

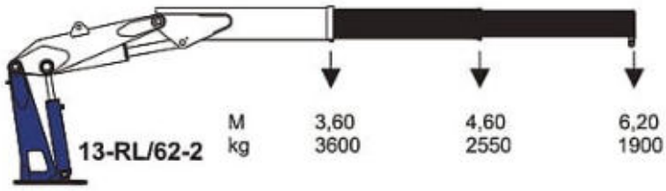
## FAST RECHARGE

High capacity battery pack, built to deliver maximum energy, without compromising power performances. Battery Management System (BMS) guarantee efficient thermal management, high battery performance and safety.

## EFFICIENT ENERGY DISTRIBUTION

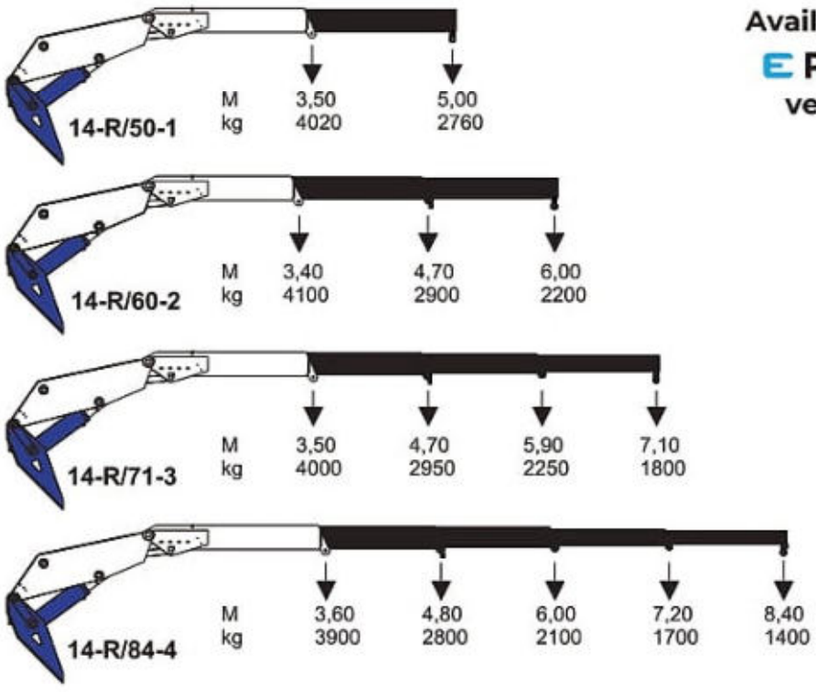
High voltage power connection provides for the use of shielded cable with high efficient inner core cross section area.

# 13-RL



| | | | | |
|---|---|---|---|---|
| 13-RL/62-2 | M | 3,60 | 4,60 | 6,20 |
| | kg | 3600 | 2550 | 1900 |

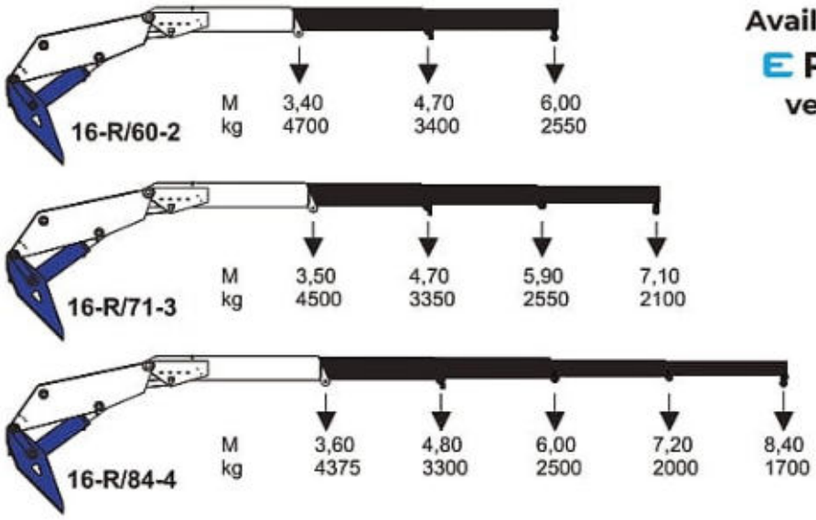
# 14-R



| | | | | | | |
|---|---|---|---|---|---|---|
| 14-R/50-1 | M | 3,50 | 5,00 | | | |
| | kg | 4020 | 2760 | | | |
| 14-R/60-2 | M | 3,40 | 4,70 | 6,00 | | |
| | kg | 4100 | 2900 | 2200 | | |
| 14-R/71-3 | M | 3,50 | 4,70 | 5,90 | 7,10 | |
| | kg | 4000 | 2950 | 2250 | 1800 | |
| 14-R/84-4 | M | 3,60 | 4,80 | 6,00 | 7,20 | 8,40 |
| | kg | 3900 | 2800 | 2100 | 1700 | 1400 |

**Available also**
**E POWER**
**versions**

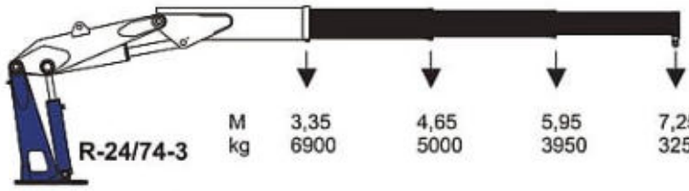
# 16-R



| | | | | | | |
|---|---|---|---|---|---|---|
| 16-R/60-2 | M | 3,40 | 4,70 | 6,00 | | |
| | kg | 4700 | 3400 | 2550 | | |
| 16-R/71-3 | M | 3,50 | 4,70 | 5,90 | 7,10 | |
| | kg | 4500 | 3350 | 2550 | 2100 | |
| 16-R/84-4 | M | 3,60 | 4,80 | 6,00 | 7,20 | 8,40 |
| | kg | 4375 | 3300 | 2500 | 2000 | 1700 |

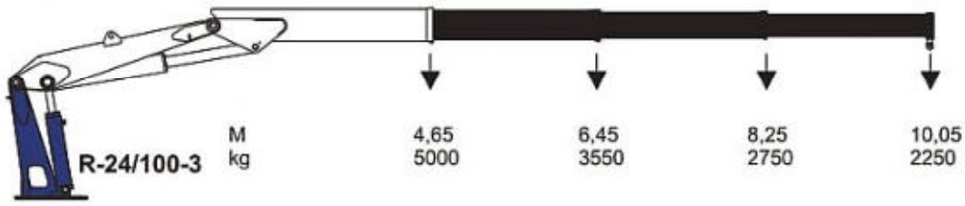
**Available also**
**E POWER**
**versions**

# R-24



| | | | | | |
|---|---|---|---|---|---|
| R-24/74-3 | M | 3,35 | 4,65 | 5,95 | 7,25 |
| | kg | 6900 | 5000 | 3950 | 3250 |

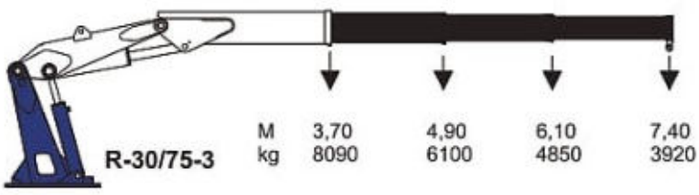
| | | | | | | |
|---|---|---|---|---|---|---|
| R-24/87-4 | M | 3,50 | 4,80 | 6,10 | 7,40 | 8,70 |
| | kg | 6800 | 4900 | 3800 | 3100 | 2600 |



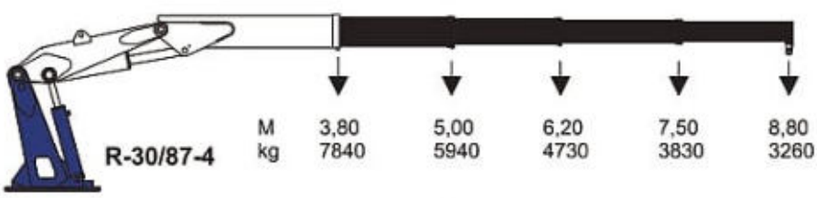
| | | | | | |
|---|---|---|---|---|---|
| R-24/100-3 | M | 4,65 | 6,45 | 8,25 | 10,05 |
| | kg | 5000 | 3550 | 2750 | 2250 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R-24/100-5 | M | 3,60 | 4,90 | 6,20 | 7,50 | 8,80 | 10,10 |
| | kg | 6550 | 4730 | 3670 | 3000 | 2500 | 2150 |

# R-30

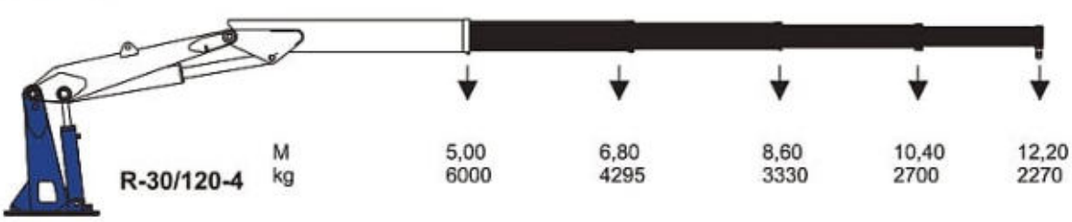


| | | | | | |
|---|---|---|---|---|---|
| R-30/75-3 | M | 3,70 | 4,90 | 6,10 | 7,40 |
| | kg | 8090 | 6100 | 4850 | 3920 |



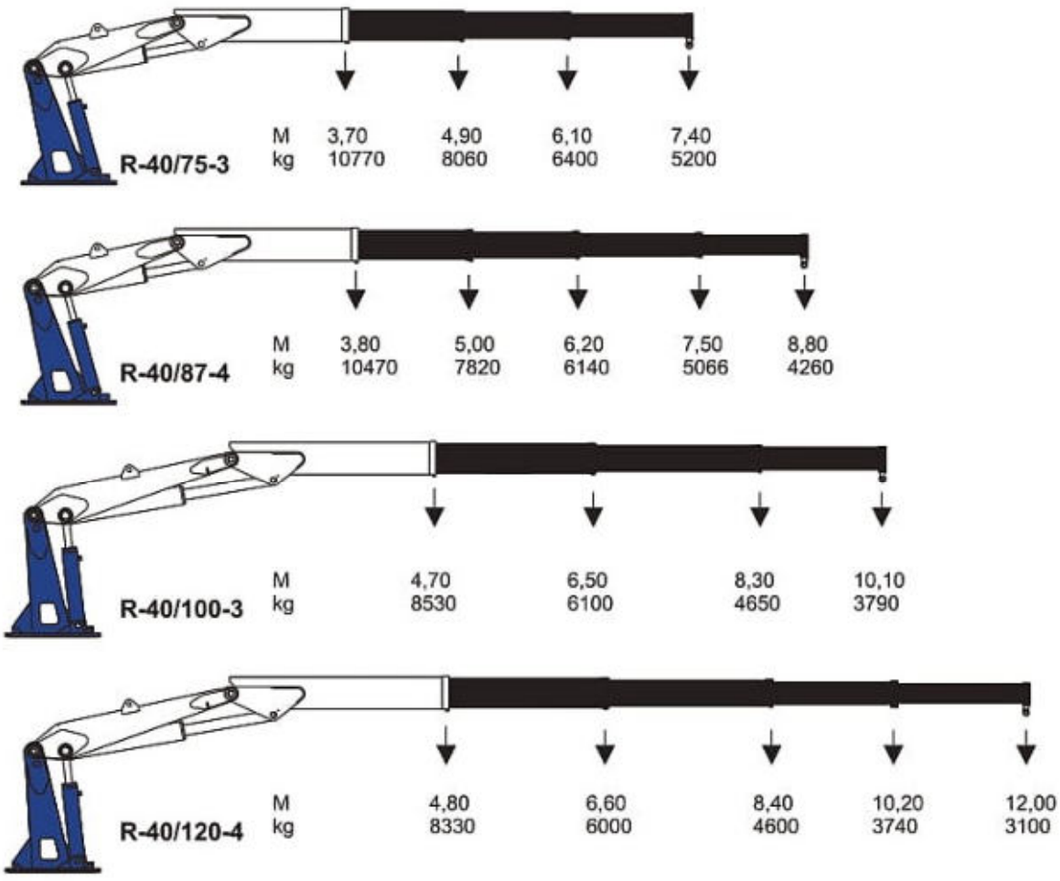
| | | | | | | |
|---|---|---|---|---|---|---|
| R-30/87-4 | M | 3,80 | 5,00 | 6,20 | 7,50 | 8,80 |
| | kg | 7840 | 5940 | 4730 | 3830 | 3260 |

| | | | | | |
|---|---|---|---|---|---|
| R-30/100-3 | M | 4,90 | 6,70 | 8,50 | 10,30 |
| | kg | 6110 | 4390 | 3435 | 2825 |



| | | | | | | |
|---|---|---|---|---|---|---|
| R-30/120-4 | M | 5,00 | 6,80 | 8,60 | 10,40 | 12,20 |
| | kg | 6000 | 4295 | 3330 | 2700 | 2270 |

# R-40




| MODELS | LIFTING MOMENT | MAX HYDRAULIC REACH | FOLDABLE | SLEWING ANGLE | HEIGHT | WIDTH | CRANE WEIGHT | LENGTH FOLDED CRANE |
|---|---|---|---|---|---|---|---|---|
| | tm | m | | ° | mm | mm | kg | mm |
| 13-R/62-2 | 13 | 6,2 | Yes | 405 | 2392 | 2408 | 2000 | 1000 |
| 14-R/50-1 | 14 | 5,0 | Yes | 400 | 2530 | 2550 | 2900 | 1082 |
| 14-R/60-2 | 14 | 6,0 | Yes | 400 | 2440 | 2550 | 3000 | 1082 |
| 14-R/71-3 | 14 | 7,1 | Yes | 400 | 2530 | 2550 | 3100 | 1082 |
| 14-R/84-4 | 14 | 8,4 | Yes | 400 | 2570 | 2550 | 3200 | 1082 |
| 16-R/60-2 | 16 | 6,0 | Yes | 400 | 2440 | 2550 | 3100 | 1082 |
| 16-R/71-3 | 16 | 7,1 | Yes | 400 | 2530 | 2550 | 3200 | 1082 |
| 16-R/84-4 | 16 | 8,4 | Yes | 400 | 2570 | 2550 | 3300 | 1082 |
| R-24/74-3 | 24 | 7,3 | Yes | 'BO | 2470 | 2515 | 4290 | 1370 |
| R-24/87-4 | 24 | 8,7 | Yes | 'BO | 2550 | 2515 | 4450 | 1370 |
| R-24/100-3 | 24 | 10,0 | No | 'BO | 2250 | 2515 | 4500 | - |
| R-24/100-5 | 24 | 10,1 | Yes | 'BO | 2550 | 2515 | 4620 | 1370 |
| R-30/75-3 | 30 | 7,5 | Yes | 'BO | 2470 | 2515 | 5400 | 1590 |
| R-30/87-4 | 30 | 8,7 | Yes | 'BO | 2550 | 2515 | 5550 | 1590 |
| R-30/100-3 | 30 | 10,3 | No | 'BO | 2300 | 2515 | 5750 | - |
| R-30/120-4 | 30 | 12,2 | No | 'BO | 2300 | 2515 | 6000 | - |
| R-40/75-3 | 40 | 8,2 | Yes | 'BO | 2470 | 2525 | 6140 | 1590 |
| R-40/87-4 | 40 | 8,8 | Yes | 'BO | 2550 | 2525 | 6300 | 1590 |
| R-40/100-3 | 40 | 10,1 | No | 'BO | 2360 | 2525 | 6500 | - |
| R-40/120-4 | 40 | 12,0 | No | 'BO | 2360 | 2525 | 6800 | - |

KENNIS
24R

# Stability control systems (CE)

| Models | HS | HM | HML | OPTIONAL HL | HXL | H2XL | H2XL+ | H3XL | OPTIONAL H4XL |
|---|---|---|---|---|---|---|---|---|---|
| HA14 | | | | | | | | | |
| HA10 | | | | | | | | | |
| HA15 | ● | | ⊗ | ⊗ | | | | | |
| HA21 | | | | | | | | | |
| HA22 | ● | ● | ⊗ | ⊗ | | | | | |
| HA27 | | | | | | | | | |
| HA28 | ● | | ⊗ | ⊗ | | | | | |
| HA33 | ● | | ⊗ | ⊗ | | | | | |
| HA50 | | ● | ⊗ | ⊗ | | | | | |
| HA70 | | | ⊗ | ⊗ | ● | | | | |
| HT92 | | | | | | | | | |
| HT112 | | | | | | | | | |
| HT130 | | | | | | | | ● | ⊗ |
| HT162 | | | | | | | | ● | ⊗ |
| HT212 | | | | | | | | | |
| HT240 | | | | | | | | | |
| HB 31 | | | | | | | | | |
| HB38 | | | | | | | | | |
| HB40 | | | | | | | | | |
| HB50 | | ● | ⊗ | ⊗ | | | | | |
| HB60 | | | ⊗ | ⊗ | ● | | | | |
| HB70 | | | ⊗ | ⊗ | ● | | | | |
| HB80 | | | | | ● | ⊗ | | | |
| HB90 | | | | | | | | ● | ⊗ |
| HB 100 | | | | | ● | ⊗ | | | |
| HB112 | | | | | | | | ● | ⊗ |
| HB120 | | | | | ● | ⊗ | | | |
| HB130 | | | | | | | | ● | ⊗ |
| HB150 | | | | | ● | ⊗ | | | |
| HB160 | | | | | | | | ● | ⊗ |
| HB170 | | | | | ● | ⊗ | | | |
| HB200 | | | | | ● | ⊗ | | | |
| HB210 | | | | | | | | ● | ⊗ |
| HB230 | | | | | ● | ⊗ | | | |
| HB240 | | | | | | | | ● | ⊗ |
| HB250 | | | | | ● | ⊗ | | | |
| HB280 | | | | | ● | ⊗ | | | |
| HB460 | | | | | | | | | |
| HB700 | | | | | | | | | |
| HB330R | | | | | | | | | |
| HB350R | | | | | | | | | |
| HB430R | | | | | | | | | |
| HB450R | | | | | | | | | |
| HB600R | | | | | | | | | |
| HB660R | | | | | | | | | |

● Standard ⊗ Radio Version

# Stability control systems (CE)

| Models | HS | HM | HML | OPTIONAL HL | HXL | H2XL | H2XL+ | H3XL | OPTIONAL H4XL |
|---|---|---|---|---|---|---|---|---|---|
| HC91 | | | | | | | | ● | ⊗ |
| HC91K | | | | | | | | ● | ⊗ |
| HC95 | | | | | | | | ● | ⊗ |
| HC103 | | | | | | | | ● | ⊗ |
| HC111 | | | | | | | | ● | ⊗ |
| HC111K | | | | | | | | ● | ⊗ |
| HC121 | | | | | | | | ● | ⊗ |
| HC125 | | | | | | | | ● | ⊗ |
| HC131 | | | | | | | | ● | ⊗ |
| HC131K | | | | | | | | ● | ⊗ |
| HC143 | | | | | | | | ● | ⊗ |
| HC153X | | | | | | | | ● | ⊗ |
| HC161 | | | | | | | | ● | ⊗ |
| HC161K | | | | | | | | ● | ⊗ |
| HC173 | | | | | | | | ● | ⊗ |
| HC183X | | | | | | | | ● | ⊗ |
| HC213 | | | | | | | | ● | ⊗ |
| HC213K | | | | | | | | ● | ⊗ |
| HC223 | | | | | | | | ● | ⊗ |
| HC231 | | | | | | | | ● | ⊗ |
| HC235e | | | | | | | | ● | ⊗ |
| HC243 | | | | | | | | ● | ⊗ |
| HC243K | | | | | | | | ● | ⊗ |
| HC245 | | | | | | | | ● | ⊗ |
| HC261 | | | | | | | | ● | ⊗ |
| HC265e | | | | | | | | ● | ⊗ |
| HC291 | | | | | | ● | | | |
| HC331 | | | | | | ● | | | |
| HC361 | | | | | | ● | | | |
| HC501X | | | | | | ● | | | |
| HC601e | | | | | | | | ⊗ | ⊗ |
| HC661e | | | | | | | | ⊗ | ⊗ |
| HC801X | | | | | | ● | | | |
| HC951 | | | | | | | ⊗ | | |
| HC1151 | | | | | | | ⊗ | | |
| HC1651 | | | | | | | | | |
| HV27 | | | | | | | | | |
| HV47 | | ● | | | | | | | |
| HV77 | | ● | | | | | | | |
| HV107 | | ● | | | | | | | |
| HV147 | | ● | | | | | | | |
| HV197 | | ● | | | | | | | |
| HV227 | | ● | | | | | | | |

● Standard ⊗ Radio Version

# Notes

# Notes

# Notes

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info@hyva.com
www.hyva.com

Franchini service

**Michele Franchini 393/9019605**

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