TRUCK MOUNTED CRANES

HYVA® CRANE

www.hyva.com

HYVA MOVES YOUR WORLD

HA

From 1 to 18 tm class
Compact telescopic cranes

Page 12 to page 23

HV

From 3 to 22 tm class
Cost and Performance perfect solutions

Page 24 to page 33

HB

From 3 to 70 tm class
User-friendly articulated cranes

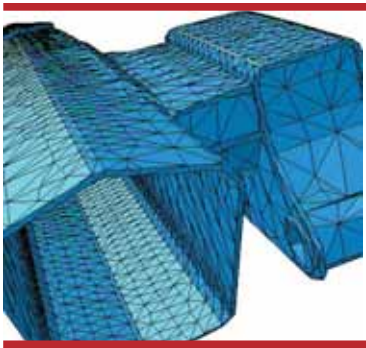
Page 34 to page 59

HC

From 10 to 80 tm class
Best in class articulated cranes

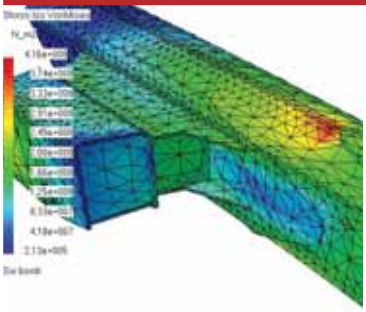
Page 60 to page 81

From product development...



Crane Design

Our technical department follows a series of proven procedures and uses the latest technology when designing new products.



Structural verifications

By software analysis, we check every point of the crane for stress to ensure each component is adequate. We also send our data to an outside engineering company for independent verification of our calculations.

Prototype development

Each prototype is assembled in an area dedicated and equipped specifically for this. Our prototype team works under the direct supervision of our design engineers. Each step in the assembly is documented, with photographs, for precisely tuning the assembly process once it goes to production.

Fatigue test

Fatigue tests are performed to reveal any weaknesses in the design, and draw attention to corrections we must make. In total each prototype will be subjected to up to 600.000 cycles of loading.

...to production

Parts Controls

An essential part of our quality system is verification of components sent to us by suppliers. Components that fail to meet our standards at any point in testing are rejected and do not enter into production.

Traceability

Structural components are uniquely numbered.
This information is recorded by the production department against the crane's serial number.

Surface preparation

Great care is taken in the surface preparation because it contributes to the crane's longevity.

Painting process

To maximize the life of the crane and preserve its appearance, we employ a high-quality painting process.

From production...

Crane test

A variety of tests and verifications are established for the crane in order to pass our quality standards.
100% of the cranes are load tested before the shipment.

Just in Time monitoring

Every crane made by HYVA CRANE is produced to meet a specific customer order.
An in-line electronic system controls the entire process.

Crane transport packaging

Proper packaging helps ensure that the crane arrives in the same condition as when it left our workshop.

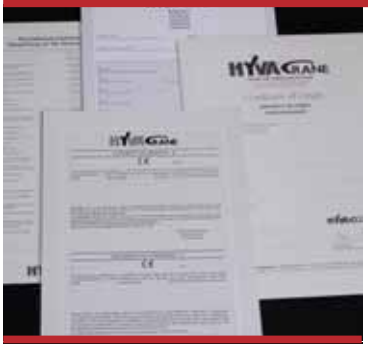
Quality control at all stages

All company procedures UNI EN ISO 9001-2000 certified by LLOYD'S REGISTER.

...to the customer

Spare Parts

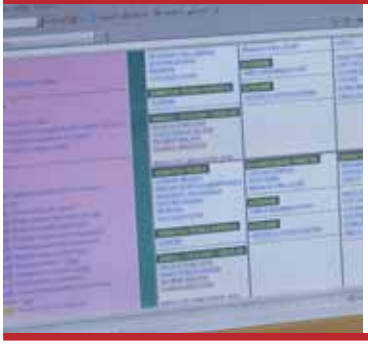
Our spare parts stock and our production are in the same location, so we always have a large parts stock available.



The complete package

Each crane is delivered with each of these items that apply to it.

- **Certificate of origin**
- **CE declaration of conformity**
- **Spare parts CD**
- **Use and Maintenance manual**
- **Warranty certificate**
- **Pre-inspection document**

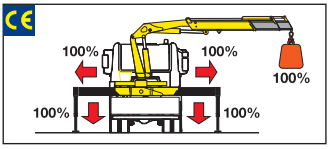


Life monitoring

The entire life of the crane is recorded, in order to ensure the highest quality, prompt service, reliability, and highest possible resale value.

Stability control systems (CE)

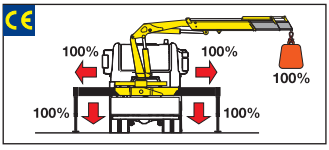
HS System



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

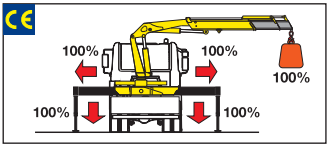
HM System



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

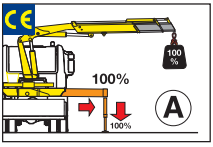
HML System



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.

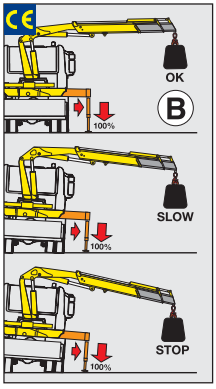
Control display

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.

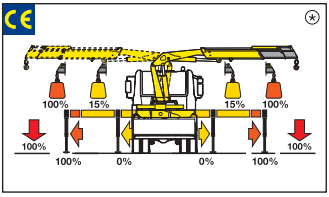


In **mode A**: the load limiting device stops the crane when the crane reaches 100% of the nominal capacity.
In **mode B**: a dedicated sensor monitors the truck's inclination. The load limiting device stops the crane before it reaches an inclination angle dangerous for stability, or when the crane reaches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

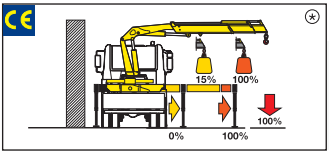
Control display

Stability control systems (CE)

HXL System



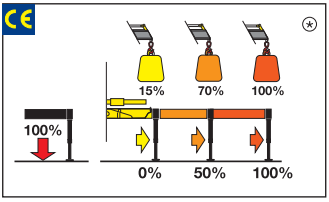
The TCU checks the positions of the stabilizers beams, monitoring for two possible positions: beam fully open, beam not fully open. Depending on the position of the beams and the stabilizers, the crane's lifting capacity changes according to the setting made by the installer. This allows the operator 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.

For more info see page 82

Radio Remote Control

Single hand proportional system

Pressure compensated inlet section: BOSCH

- *Compact dimensions and reduced weight*
- *Proportional speed control of any single movement*
- *Stabilizer control by radio*

Multifunction radio control

(No CE)*

CAN-BUS (CE)*

The operator can control the crane with high precision proportional levers in every position and, doing so, can supervise the loading and unloading operations. That means a great time saving and a higher safety.

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

Pressure compensated control valve: HAWE PLS2

Pressure compensated control valve: SAUER DANFOSS PVG32

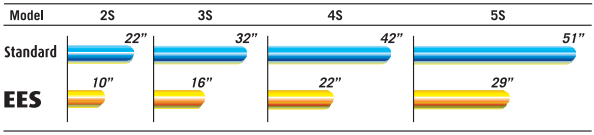
*) Only the model HC801X is standard equipped with CANBUS radio remote control on both CE and NO CE versions.

Technical features

EES Extra Extension Speed

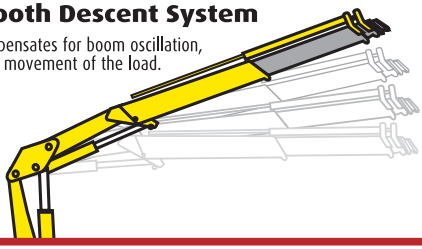
A special regenerative valve re-uses oil during extension, ensuring an incredibly high speed without compromising the safe operation of the crane.

Extensions speed comparison



SDS Smooth Descent System

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

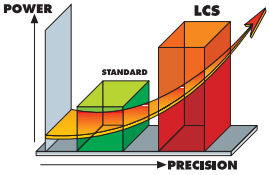


TCU Total Control Unit

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.

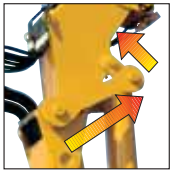
LCS Lift Control System

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.



LAS Liftrod Articulating System

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



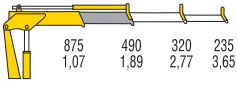
HA

HA 10
HA 15
HA 22
HA 28
HA 33
HA 70
HA 100
HA 110
HA 160
HA 180

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

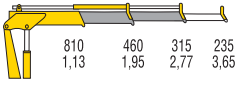
HA 10

HA10 E1



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

HA10 E2

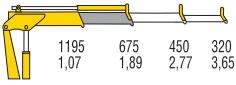


kg	810	460	315	235
m	1,13	1,95	2,77	3,65

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

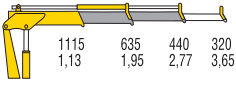
HA 15

HA15 E1



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

HA15 E2

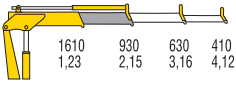


kg	1115	635	440	320
m	1,13	1,95	2,77	3,65

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

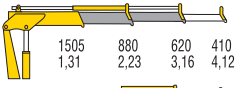
HA 22

HA22 E1



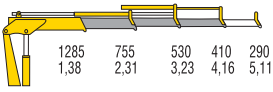
kg	1610	930	630	410
m	1,23	2,15	3,16	4,12

HA22 E2



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

HA22 E3

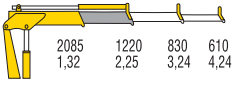


kg	1285	755	530	410	290
m	1,38	2,31	3,23	4,16	5,11

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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	3,57	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

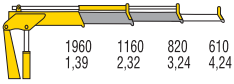
HA 28

HA28 E1



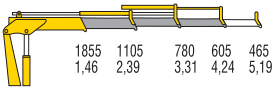
kg	2085	1220	830	610
m	1,32	2,25	3,24	4,24

HA28 E2



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

HA28 E3

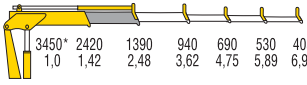


kg	1855	1105	780	605	465
m	1,46	2,39	3,31	4,24	5,19

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

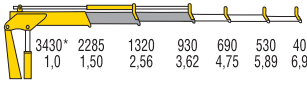
HA 33

HA33 E1



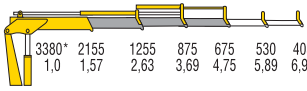
kg	3450*	2420	1390	940	690	530	405
m	1,0	1,42	2,48	3,62	4,75	5,89	6,99

HA33 E2



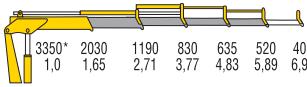
kg	3430*	2285	1320	930	690	530	405
m	1,0	1,50	2,56	3,62	4,75	5,89	6,99

HA33 E3



kg	3380*	2155	1255	875	675	530	405
m	1,0	1,57	2,63	3,69	4,75	5,89	6,99

HA33 E4



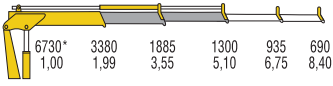
kg	3350*	2030	1190	830	635	520	405
m	1,0	1,65	2,71	3,77	4,83	5,89	6,99

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

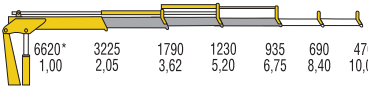
HA 70

HA70 E2



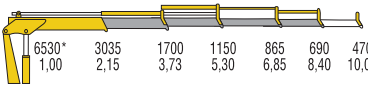
kg	6730*	3380	1885	1300	935	690
m	1,00	1,99	3,55	5,10	6,75	8,40

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

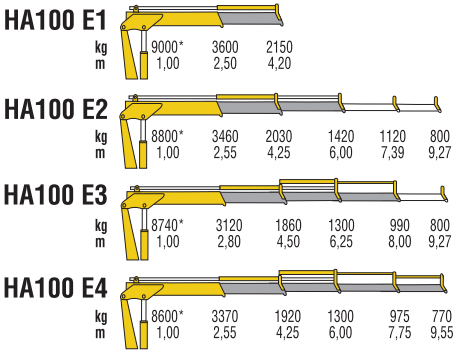


kg	6530*	3035	1700	1150	865	690	470
m	1,00	2,15	3,73	5,30	6,85	8,40	10,00

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

HA 100



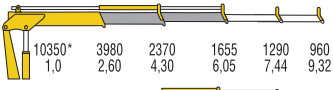
*) Theoretical lifting capacity

Most recommended for vehicle rescue trucks

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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
HA100 E1	9,00	7,60	395	17	4	260	900	60	20	2350x2290x585
HA100 E2	-	9,46	395	17	4	260	1000	60	20	2350x2290x585
HA100 E3	-	11,45	395	17	4	260	1080	60	20	2350x2290x585
HA100 E4	-	13,00	395	17	4	260	1145	60	20	2350x2290x585

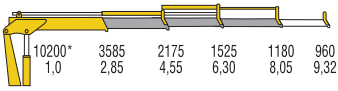
HA 110

HA110 E2



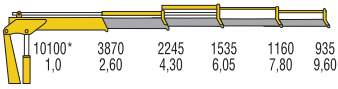
kg	10350*	3980	2370	1655	1290	960
m	1,0	2,60	4,30	6,05	7,44	9,32

HA110 E3



kg	10200*	3585	2175	1525	1180	960
m	1,0	2,85	4,55	6,30	8,05	9,32

HA110 E4



kg	10100*	3870	2245	1535	1160	935
m	1,0	2,60	4,30	6,05	7,80	9,60

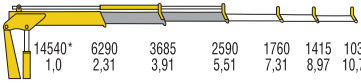
*) Theoretical lifting capacity

Most recommended for vehicle rescue trucks

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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
HA110 E2	10,3	9,46	395	17	4	295	1000	60	20	2350x2290x585
HA110 E3	-	11,45	395	17	4	295	1080	60	20	2350x2290x585
HA110 E4	-	13,00	395	17	4	295	1145	60	20	2350x2290x585

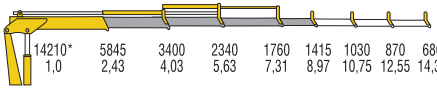
HA 160

HA160 E2



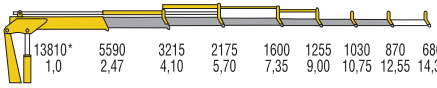
kg	14540*	6290	3685	2590	1760	1415	1030
m	1,0	2,31	3,91	5,51	7,31	8,97	10,75

HA160 E4



kg	14210*	5845	3400	2340	1760	1415	1030	870	680
m	1,0	2,43	4,03	5,63	7,31	8,97	10,75	12,55	14,35

HA160 E6



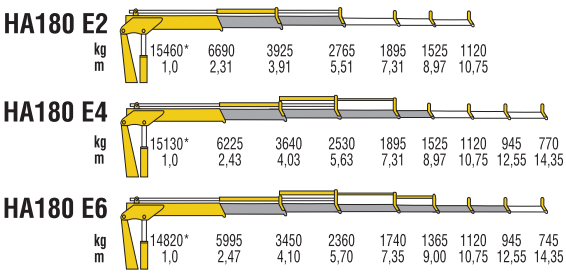
kg	13810*	5590	3215	2175	1600	1255	1030	870	680
m	1,0	2,47	4,10	5,70	7,35	9,00	10,75	12,55	14,35

*) Theoretical lifting capacity

Most recommended for vehicle rescue trucks

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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
HA160 E2	14,5	9,00	380	20	4	280	1360	100	30	2480x2380x700
HA160 E4	-	12,30	380	20	4	280	1580	100	30	2480x2380x850
HA160 E6	-	15,80	380	20	4	280	1740	100	30	2480x2380x880

HA 180



*) Theoretical lifting capacity

Most recommended for vehicle rescue trucks

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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
HA180 E2	15,5	9,00	380	20	4	290	1380	100	30	2480x2380x700
HA180 E4	-	12,30	380	20	4	290	1600	100	30	2480x2380x850
HA180 E6	-	15,80	380	20	4	290	1760	100	30	2480x2380x880


HV227

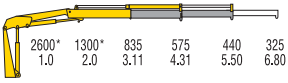
HV

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 costs and performances

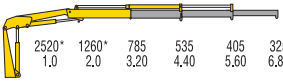
HV 27

HV27 E2



kg	2600*	1300*	835	575	440	325
m	1.0	2.0	3.11	4.31	5.50	6.80

HV27 E3



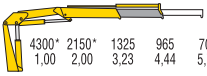
kg	2520*	1260*	785	535	405	325
m	1.0	2.0	3.20	4.40	5.60	6.80

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

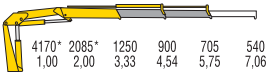
HV 47

HV47 E1



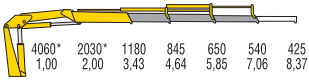
kg	4300*	2150*	1325	965	705
m	1,00	2,00	3,23	4,44	5,75

HV47 E2



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

HV47 E3

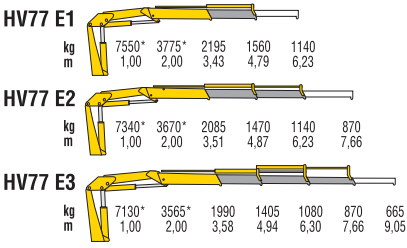


kg	4060*	2030*	1180	845	650	540	425
m	1,00	2,00	3,43	4,64	5,85	7,06	8,37

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

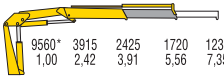


*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

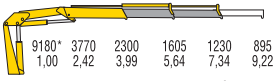
HV 107

HV107 E1



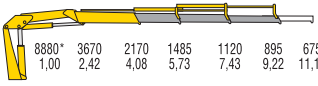
kg	9560*	3915	2425	1720	1230
m	1,00	2,42	3,91	5,56	7,35

HV107 E2



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

HV107 E3



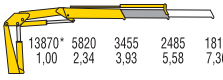
kg	8880*	3670	2170	1485	1120	895	675
m	1,00	2,42	4,08	5,73	7,43	9,22	11,17

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

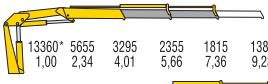
HV 147

HV147 E1



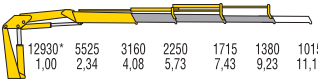
kg	13870*	5820	3455	2485	1815	
m	1,00	2,34	3,93	5,58	7,36	

HV147 E2



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

HV147 E3



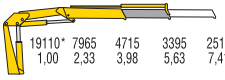
kg	12930*	5525	3160	2250	1715	1380	1015
m	1,00	2,34	4,08	5,73	7,43	9,23	11,14

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HV147 E1	13,9	9,54	11,31	380	15	4	285	1375	100	25	2500X2455X820
HV147 E2	-	11,31	13,17	380	15	4	285	1490	100	25	2500X2455X820
HV147 E3	-	13,17	15,06	380	15	4	285	1595	100	25	2500X2455X820

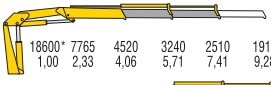
HV 197

HV197 E1



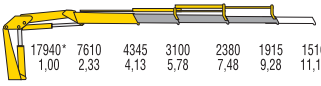
kg	19110*	7965	4715	3395	2510
m	1,00	2,33	3,98	5,63	7,41

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

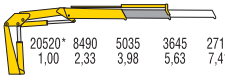
*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HV197 E1	19,1	9,35	11,05	380	15	4	295	1715	150	40	2500X2475X920
HV197 E2	-	11,05	12,84	380	15	4	295	1850	150	40	2500X2475X920
HV197 E3	-	12,84	14,62	380	15	4	295	1975	150	40	2500X2475X920

HV 227

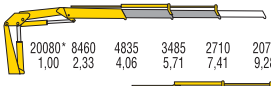
LCS

HV227 E1



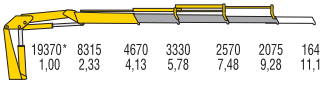
kg	20520*	8490	5035	3645	2710
m	1,00	2,33	3,98	5,63	7,41

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

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HV227 E1	20,5	9,35	11,05	380	15	4	315	1745	150	40	2500X2475X945
HV227 E2	-	11,05	12,84	380	15	4	315	1880	150	40	2500X2475X945
HV227 E3	-	12,84	14,62	380	15	4	315	2005	150	40	2500X2475X945


HV107

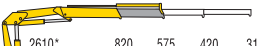
HB

HB 31
HB 40
HB 50
HB 60
HB 70
HB 80
HB 100
HB 120
HB 150
HB 170
HB 200
HB 230
HB 250
HB 280
HB 460
HB 700

The Most versatile and User-Friendly crane, Simple, Efficient and Robust

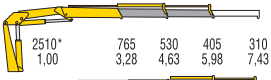
HB 31

HB31 E1



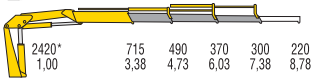
kg	2610*	820	575	420	310
m	1,00	3,18	4,53	5,98	7,43

HB31 E2



kg	2510*	765	530	405	310
m	1,00	3,28	4,63	5,98	7,43

HB31 E3

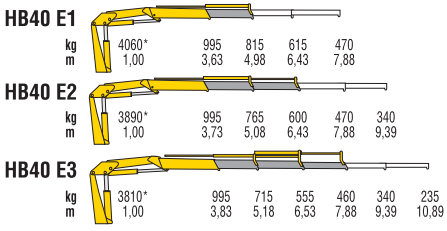


kg	2420*	715	490	370	300	220
m	1,00	3,38	4,73	6,03	7,38	8,78

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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 40

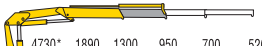


*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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	550	30	16	1966x1780x500
HB40 E3	-	10,51	370	15	3	215	600	30	16	2300x1780x560

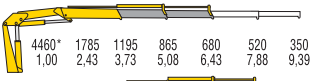
HB 50

HB50 E1



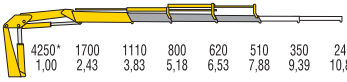
kg	4730*	1890	1300	950	700	520
m	1,00	2,43	3,63	4,98	6,43	7,88

HB50 E2



kg	4460*	1785	1195	865	680	520	350
m	1,00	2,43	3,73	5,08	6,43	7,88	9,39

HB50 E3



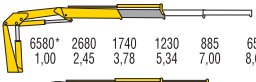
kg	4250*	1700	1110	800	620	510	350	240
m	1,00	2,43	3,83	5,18	6,53	7,88	9,39	10,89

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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	13	3	250	515	30	16	1966x1780x500
HB50 E2	-	9,14	370	13	3	250	558	30	16	1966x1780x500
HB50 E3	-	10,51	370	13	3	250	599	30	16	2300x1780x560

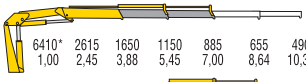
HB 60

HB60 E1



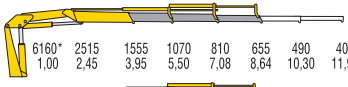
kg	6580*	2680	1740	1230	885	655
m	1,00	2,45	3,78	5,34	7,00	8,64

HB60 E2



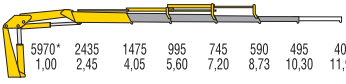
kg	6410*	2615	1650	1150	885	655	490
m	1,00	2,45	3,88	5,45	7,00	8,64	10,30

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



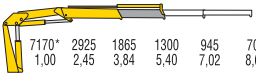
kg	5970*	2435	1475	995	745	590	495	400
m	1,00	2,45	4,05	5,60	7,20	8,73	10,30	11,90

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

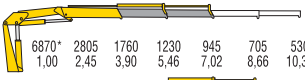
HB 70

HB70 E1



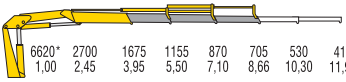
kg	7170*	2925	1865	1300	945	705
m	1,00	2,45	3,84	5,40	7,02	8,66

HB70 E2



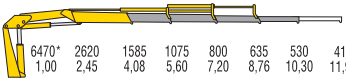
kg	6870*	2805	1760	1230	945	705	530
m	1,00	2,45	3,90	5,46	7,02	8,66	10,30

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



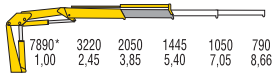
kg	6470*	2620	1585	1075	800	635	530	415
m	1,00	2,45	4,08	5,60	7,20	8,76	10,30	11,90

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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

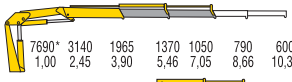
HB 80

HB80 E1



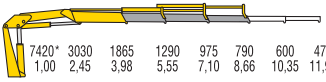
kg	7890*	3220	2050	1445	1050	790
m	1,00	2,45	3,85	5,40	7,05	8,66

HB80 E2



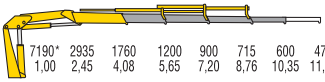
kg	7690*	3140	1965	1370	1050	790	600
m	1,00	2,45	3,90	5,46	7,05	8,66	10,35

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



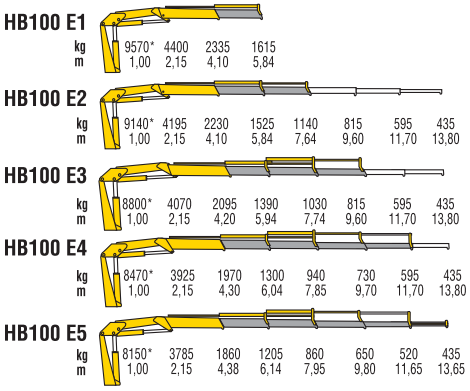
kg	7190*	2935	1760	1200	900	715	600	470
m	1,00	2,45	4,08	5,65	7,20	8,76	10,35	11,95

*) Theoretical lifting capacity

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	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	7,90	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 100

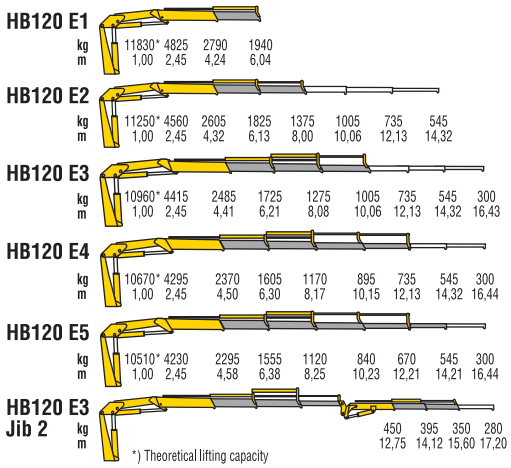
EES



*) Theoretical lifting capacity

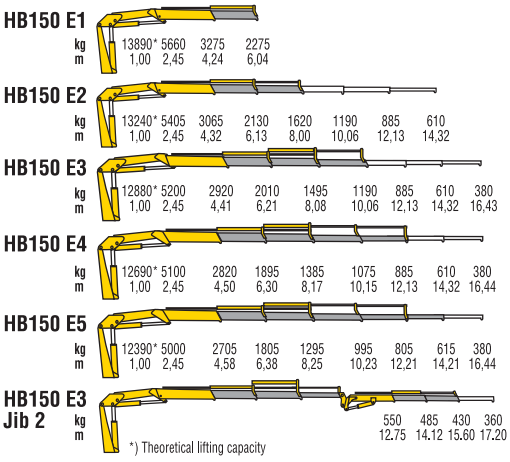
MODELS	LIFTING MOMENT	MAX VERTICAL REACH	SLEWING ANGLE	SLEWING TIME	MAX WORKING HEEL	WORKING PRESSURE	CRANE WEIGHT WITHOUT STABILIZERS	OIL TANK CAPACITY	OIL FLOW	DIMENSIONS
	tm	m	°	s/180°	°	bar	kg	l	l/min	mm B x h x S
HB100 E1	9,57	9,45	395	17	4	290	1080	60	25	2480x2170x640
HB100 E2	-	11,30	395	17	4	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 120



MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HB120 E1	11,9	9,6	-	380	17	4	310	1285	100	25	2460x2340x885
HB120 E2	-	11,5	17,6	380	17	4	310	1415	100	25	2460x2340x885
HB120 E3	-	13,5	19,6	380	17	4	310	1535	100	25	2470x2340x885
HB120 E4	-	15,5	19,6	380	17	4	310	1635	100	25	2485x2340x885
HB120 E5	-	17,6	19,6	380	17	4	310	1705	100	25	2500x2340x940
HB120 E3 J2	-	18,8	20,4	380	17	4	290	1835	100	25	2490x2340x1030

HB 150

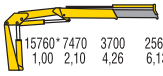


MODELS	LIFTING MOMENT	MAX VERTICAL REACH		SLEWING ANGLE	SLEWING TIME	MAX WORKING HEEL	WORKING PRESSURE	CRANE WEIGHT WITHOUT STABILIZERS	OIL TANK CAPACITY	OIL FLOW	DIMENSIONS
	tm	m		°	s/180°	°	bar	kg	l	l/min	mm B x h x S
		HYD.	MAN.								
HB150 E1	13,9	9,6	-	380	17	4	290	1470	100	25	2460x2340x885
HB150 E2	-	11,5	17,6	380	17	4	290	1600	100	25	2460x2340x885
HB150 E3	-	13,5	19,6	380	17	4	290	1720	100	25	2470x2340x885
HB150 E4	-	15,5	19,6	380	17	4	290	1820	100	25	2485x2340x885
HB150 E5	-	17,6	19,6	380	17	4	290	1900	100	25	2500x2340x940
HB150 E3 J2	-	18,8	20,4	380	17	4	270	2030	100	25	2490x2340x1030

HB 170

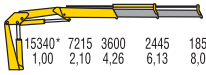
EES
SDS

HB170 E1



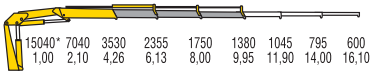
kg	15760*	7470	3700	2560	
m	1,00	2,10	4,26	6,13	

HB170 E2



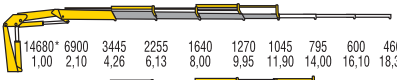
kg	15340*	7215	3600	2445	1850
m	1,00	2,10	4,26	6,13	8,00

HB170 E3



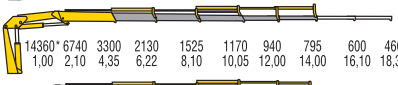
kg	15040*	7040	3530	2355	1750	1380	1045	795	600
m	1,00	2,10	4,26	6,13	8,00	9,95	11,90	14,00	16,10

HB170 E4



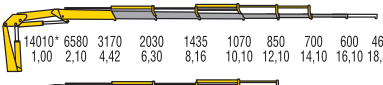
kg	14680*	6900	3445	2255	1640	1270	1045	795	600	460
m	1,00	2,10	4,26	6,13	8,00	9,95	11,90	14,00	16,10	18,30

HB170 E5



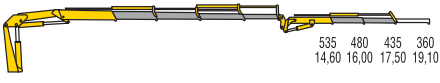
kg	14360*	6740	3300	2130	1525	1170	940	795	600	460
m	1,00	2,10	4,35	6,22	8,10	10,05	12,00	14,00	16,10	18,30

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 E4 Jib 2



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

*) Theoretical lifting capacity

HB 170

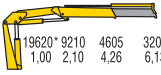
EES **Extra Extension Speed**
SDS **Smooth Descent System**

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
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	19,8	387	17	4	310	2030	130	32	2480x2295x1000
HB170 E4	-	15,7	22,0	387	17	4	310	2150	130	32	2480x2295x1000
HB170 E5	-	17,8	22,0	387	17	4	310	2260	130	32	2480x2295x1000
HB170 E6	-	19,8	22,0	387	17	4	310	2340	130	32	2495x2295x1000
HB170 E4 J2	-	21,2	22,8	387	17	4	310	2460	130	32	2480x2295x1120

HB 200

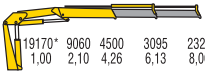
EES
SDS

HB200 E1



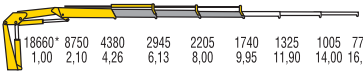
kg	19620*	9210	4605	3200	
m	1,00	2,10	4,26	6,13	

HB200 E2



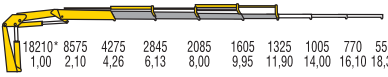
kg	19170*	9060	4500	3095	2325
m	1,00	2,10	4,26	6,13	8,00

HB200 E3



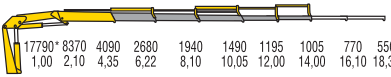
kg	18660*	8750	4380	2945	2205	1740	1325	1005	770
m	1,00	2,10	4,26	6,13	8,00	9,95	11,90	14,00	16,10

HB200 E4



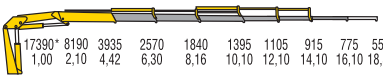
kg	18210*	8575	4275	2845	2085	1605	1325	1005	770	550
m	1,00	2,10	4,26	6,13	8,00	9,95	11,90	14,00	16,10	18,30

HB200 E5



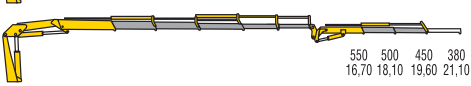
kg	17790*	8370	4090	2680	1940	1490	1195	1005	770	550
m	1,00	2,10	4,35	6,22	8,10	10,05	12,00	14,00	16,10	18,30

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 E5 Jib 2



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

*) Theoretical lifting capacity

HB 200

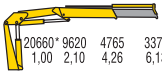
EES **Extra Extension Speed**
SDS **Smooth Descent System**

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
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	19,8	387	17	4	300	2150	130	40	2480x2295x1000
HB200 E4	-	15,7	22,0	387	17	4	300	2280	130	40	2480x2295x1000
HB200 E5	-	17,8	22,0	387	17	4	300	2380	130	40	2480x2295x1000
HB200 E6	-	19,8	22,0	387	17	4	300	2480	130	40	2495x2295x1000
HB200 E5 J2	-	23,3	24,8	387	17	4	300	2715	130	40	2480x2300x1120

HB 230

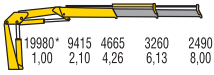
EES
SDS
LCS

HB230 E1



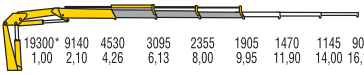
kg	20660*	9620	4765	3370	
m	1,00	2,10	4,26	6,13	

HB230 E2



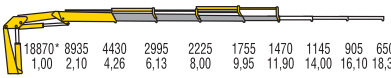
kg	19980*	9415	4665	3260	2490	
m	1,00	2,10	4,26	6,13	8,00	

HB230 E3



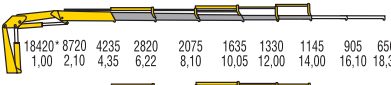
kg	19300*	9140	4530	3095	2355	1905	1470	1145	905
m	1,00	2,10	4,26	6,13	8,00	9,95	11,90	14,00	16,10

HB230 E4



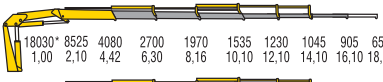
kg	18870*	8935	4430	2995	2225	1755	1470	1145	905	650
m	1,00	2,10	4,26	6,13	8,00	9,95	11,90	14,00	16,10	18,30

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 E5 Jib 2

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

*) Theoretical lifting capacity

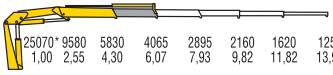
HB 230

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

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
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	19,8	387	17	4	315	2180	130	40	2480x2295x1000
HB230 E4	-	15,7	22,0	387	17	4	315	2310	130	40	2480x2295x1000
HB230 E5	-	17,8	22,0	387	17	4	315	2410	130	40	2480x2295x1000
HB230 E6	-	19,8	22,0	387	17	4	315	2510	130	40	2495x2295x1000
HB230 E5 J2	-	23,3	24,8	387	17	4	315	2745	130	40	2480x2300x1120

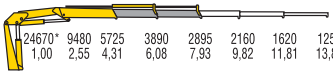
HB 250

HB250 E1



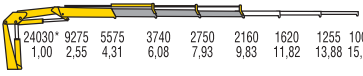
kg	25070*	9580	5830	4065	2895	2160	1620	1255
m	1,00	2,55	4,30	6,07	7,93	9,82	11,82	13,90

HB250 E2



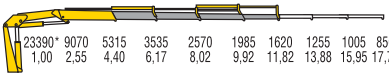
kg	24670*	9480	5725	3890	2895	2160	1620	1255
m	1,00	2,55	4,31	6,08	7,93	9,82	11,81	13,87

HB250 E3



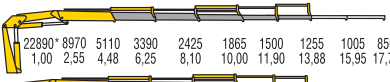
kg	24030*	9275	5575	3740	2750	2160	1620	1255	1005
m	1,00	2,55	4,31	6,08	7,93	9,83	11,82	13,88	15,95

HB250 E4



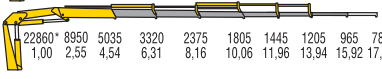
kg	23390*	9070	5315	3535	2570	1985	1620	1255	1005	850
m	1,00	2,55	4,40	6,17	8,02	9,92	11,82	13,88	15,95	17,75

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 E3 Jib 3

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

HB250 E4 Jib 3

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

*) Theoretical lifting capacity

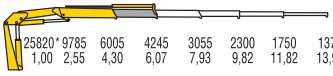
HB 250

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HB250 E1	25,1	9,8	17,1	400	20	4	290	2580	160	50	2500x2320x1115
HB250 E2	-	11,6	17,1	400	20	4	290	2760	160	50	2500x2320x1115
HB250 E3	-	13,4	19,1	400	20	4	290	2900	160	50	2500x2320x1115
HB250 E4	-	15,3	20,8	400	20	4	290	3060	160	50	2500x2320x1115
HB250 E5	-	17,3	20,8	400	20	4	290	3200	160	50	2500x2320x1115
HB250 E6	-	19,3	20,8	400	20	4	290	3295	160	50	2540x2320x1200
HB250 E3 J3	-	20,2	21,9	400	25	4	290	3450	160	50	2500x2430x1300
HB250 E4 J3	-	22,1	23,8	400	25	4	295	3600	160	50	2500x2445x1300

HB 280

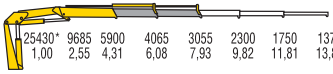
LCS

HB280 E1



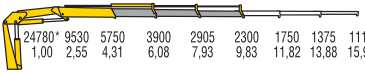
kg	25820*	9785	6005	4245	3055	2300	1750	1375
m	1,00	2,55	4,30	6,07	7,93	9,82	11,82	13,90

HB280 E2



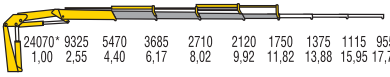
kg	25430*	9685	5900	4065	3055	2300	1750	1375
m	1,00	2,55	4,31	6,08	7,93	9,82	11,81	13,87

HB280 E3



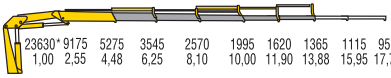
kg	24780*	9530	5750	3900	2905	2300	1750	1375	1115
m	1,00	2,55	4,31	6,08	7,93	9,83	11,82	13,88	15,95

HB280 E4



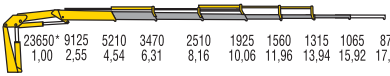
kg	24070*	9325	5470	3685	2710	2120	1750	1375	1115	955
m	1,00	2,55	4,40	6,17	8,02	9,92	11,82	13,88	15,95	17,75

HB280 E5



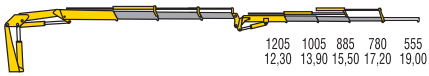
kg	23630*	9175	5275	3545	2570	1995	1620	1365	1115	955
m	1,00	2,55	4,48	6,25	8,10	10,00	11,90	13,88	15,95	17,75

HB280 E6



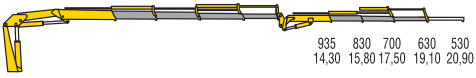
kg	23650*	9125	5210	3470	2510	1925	1560	1315	1065	870
m	1,00	2,55	4,54	6,31	8,16	10,06	11,96	13,94	15,92	17,81

HB280 E3 Jib 3



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

HB280 E4 Jib 3



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

*) Theoretical lifting capacity

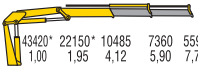
HB 280

LCS Lift Control System

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HB280 E1	25,8	9,8	17,1	400	20	4	305	2630	160	50	2500x2320x1115
HB280 E2	-	11,6	17,1	400	20	4	305	2810	160	50	2500x2320x1115
HB280 E3	-	13,4	19,1	400	20	4	305	2950	160	50	2500x2320x1115
HB280 E4	-	15,3	20,8	400	20	4	305	3110	160	50	2500x2320x1115
HB280 E5	-	17,3	20,8	400	20	4	305	3250	160	50	2500x2320x1115
HB280 E6	-	19,3	20,8	400	20	4	305	3345	160	50	2540x2320x1200
HB280 E3 J3	-	20,2	21,9	400	25	4	295	3500	160	50	2500x2430x1300
HB280 E4 J3	-	22,1	23,8	400	25	4	295	3650	160	50	2500x2445x1300

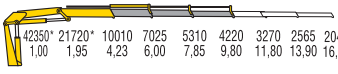
HB 460

HB460 E2



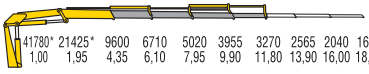
kg	43420*	22150*	10485	7360	5590
m	1,00	1,95	4,12	5,90	7,75

HB460 E3



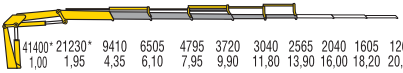
kg	42350*	21720*	10010	7025	5310	4220	3270	2565	2040
m	1,00	1,95	4,23	6,00	7,85	9,80	11,80	13,90	16,00

HB460 E4



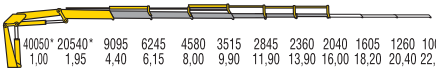
kg	41780*	21425*	9600	6710	5020	3955	3270	2565	2040	1605
m	1,00	1,95	4,35	6,10	7,95	9,90	11,80	13,90	16,00	18,20

HB460 E5



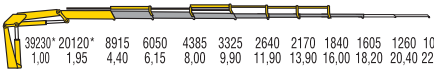
kg	41400*	21230*	9410	6505	4795	3720	3040	2565	2040	1605	1260
m	1,00	1,95	4,35	6,10	7,95	9,90	11,80	13,90	16,00	18,20	20,40

HB460 E6



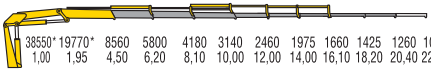
kg	40050*	20540*	9095	6245	4580	3515	2845	2360	2040	1605	1260	1005
m	1,00	1,95	4,40	6,15	8,00	9,90	11,90	13,90	16,00	18,20	20,40	22,60

HB460 E7



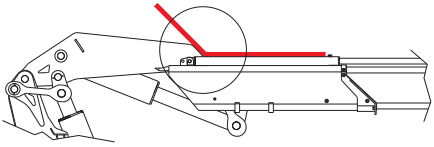
kg	39230*	20120*	8915	6050	4385	3325	2640	2170	1840	1605	1260	1005
m	1,00	1,95	4,40	6,15	8,00	9,90	11,90	13,90	16,00	18,20	20,40	22,60

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

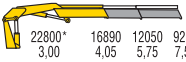
For non - CE markets only

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HB460 E2	43,4	12,1	-	400	22	4	305	4040	210	50	2505x2460x1275
HB460 E3	-	14,1	20,3	400	22	4	305	4290	210	50	2505x2460x1275
HB460 E4	-	16,1	22,5	400	22	4	305	4570	210	50	2505x2460x1275
HB460 E5	-	18,2	24,7	400	22	4	305	4810	210	50	2505x2460x1285
HB460 E6	-	20,3	27,0	400	22	4	305	5010	210	50	2505x2460x1285
HB460 E7	-	22,5	27,0	400	22	4	305	5200	210	50	2505x2460x1400
HB460 E8	-	24,7	27,0	400	22	4	305	5380	210	50	2510x2480x1400

HB 700

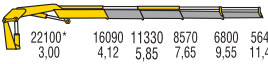
EES
SDS
LAS

HB700 E2



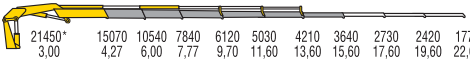
kg	22800*	16890	12050	9250
m	3,00	4,05	5,75	7,55

HB700 E4



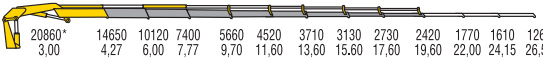
kg	22100*	16090	11330	8570	6800	5640
m	3,00	4,12	5,85	7,65	9,55	11,45

HB700 E6



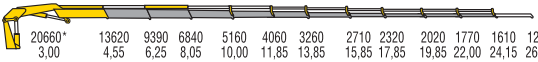
kg	21450*	15070	10540	7840	6120	5030	4210	3640	2730	2420	1770
m	3,00	4,27	6,00	7,77	9,70	11,60	13,60	15,60	17,60	19,60	22,00

HB700 E8



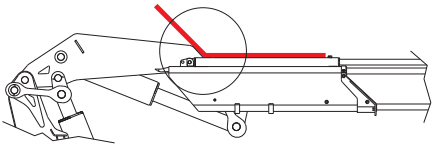
kg	20860*	14650	10120	7400	5660	4520	3710	3130	2730	2420	1770	1610	1265
m	3,00	4,27	6,00	7,77	9,70	11,60	13,60	15,60	17,60	19,60	22,00	24,15	26,50

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		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
		HYD.	MAN.								
HB700 E2	69,8	12,1	-	420	45	4	280	7450	280	80	2530x2450x1950
HB700 E4	-	16,0	-	420	45	4	280	8100	280	80	2530x2450x1950
HB700 E6	-	20,2	26,5	420	45	4	280	8700	280	80	2530x2450x2110
HB700 E8	-	24,1	31,0	420	45	4	280	9250	280	80	2530x2505x2135
HB700 E10	-	28,7	31,0	420	45	4	280	9650	280	80	2530x2635x2135

HC

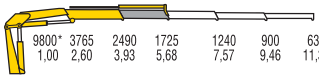
HC 101
HC 151
HC 181 X
HC 221 X
HC 241
HC 331
HC 361
HC 501 X
HC 801 X

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

HC 101

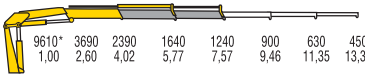
LAS

HC101 E1



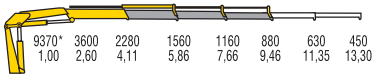
kg	9800*	3765	2490	1725	1240	900	630
m	1,00	2,60	3,93	5,68	7,57	9,46	11,35

HC101 E2



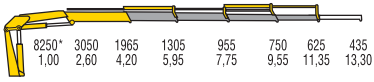
kg	9610*	3690	2390	1640	1240	900	630	450
m	1,00	2,60	4,02	5,77	7,57	9,46	11,35	13,30

HC101 E3



kg	9370*	3600	2280	1560	1160	880	630	450
m	1,00	2,60	4,11	5,86	7,66	9,46	11,35	13,30

HC101 E4



kg	8250*	3050	1965	1305	955	750	625	435
m	1,00	2,60	4,20	5,95	7,75	9,55	11,35	13,30

HC101 E3 Jib 2

kg	515	425	350	260
m	11,70	13,03	14,36	15,75

*) Theoretical lifting capacity

HC 101

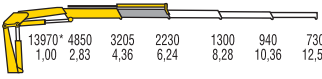
LAS Liftrod Articulating System

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HC101 E1	9,8	9,2	14,8	403	15	3	250	1195	70	30	2290X2230X670
HC101 E2	-	11,1	16,8	403	15	3	250	1290	70	30	2290X2230X670
HC101 E3	-	13,0	16,8	403	15	3	250	1380	70	30	2300X2230X670
HC101 E4	-	14,8	16,8	403	15	3	235	1470	70	30	2300X2230X750
HC101 E3 J2	-	17,8	19,2	403	15	3	245	1600	70	30	2300X2230X820

HC 151

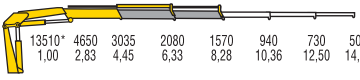
EES
LCS
LAS

HC151 E1



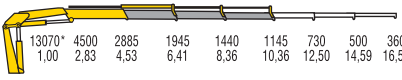
kg	13970*	4850	3205	2230	1300	940	730
m	1,00	2,83	4,36	6,24	8,28	10,36	12,50

HC151 E2



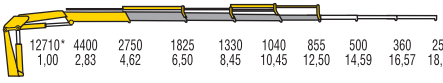
kg	13510*	4650	3035	2080	1570	940	730	500
m	1,00	2,83	4,45	6,33	8,28	10,36	12,50	14,59

HC151 E3



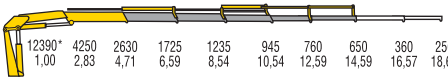
kg	13070*	4500	2885	1945	1440	1145	730	500	360
m	1,00	2,83	4,53	6,41	8,36	10,36	12,50	14,59	16,57

HC151 E4



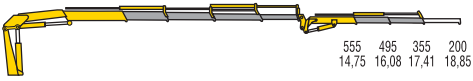
kg	12710*	4400	2750	1825	1330	1040	855	500	360	250
m	1,00	2,83	4,62	6,50	8,45	10,45	12,50	14,59	16,57	18,66

HC151 E5



kg	12390*	4250	2630	1725	1235	945	760	650	360	250
m	1,00	2,83	4,71	6,59	8,54	10,54	12,59	14,59	16,57	18,66

HC151 E4 Jib 2



kg	555	495	355	200
m	14,75	16,08	17,41	18,85

*) Theoretical lifting capacity

HC 151

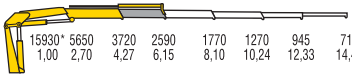
EES **Extra Extension Speed**
LCS **Lift Control System**
LAS **Liftrod Articulating System**

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HC151 E1	14,0	9,7	15,9	403	22	3	295	1405	70	35	2490X2280X750
HC151 E2	-	11,7	18,0	403	22	3	295	1545	70	35	2490X2280X750
HC151 E3	-	13,8	20,0	403	22	3	295	1660	70	35	2490X2280X750
HC151 E4	-	15,9	22,0	403	22	3	295	1775	70	35	2490X2280X750
HC151 E5	-	18,0	22,0	403	22	3	305	1860	70	35	2490X2280X835
HC151 E4 J2	-	20,7	22,1	403	22	3	305	2005	70	35	2490X2300X940

HC 181 X

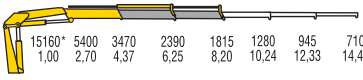
EES
TCU
LCS
LAS

HC181X E1



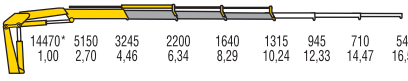
kg	15930*	5650	3720	2590	1770	1270	945	710
m	1,00	2,70	4,27	6,15	8,10	10,24	12,33	14,47

HC181X E2



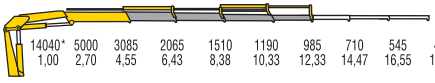
kg	15160*	5400	3470	2390	1815	1280	945	710
m	1,00	2,70	4,37	6,25	8,20	10,24	12,33	14,47

HC181X E3



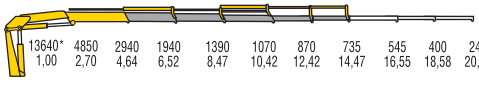
kg	14470*	5150	3245	2200	1640	1315	945	710	545
m	1,00	2,70	4,46	6,34	8,29	10,24	12,33	14,47	16,55

HC181X E4



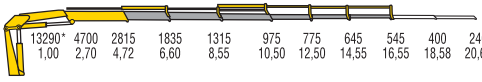
kg	14040*	5000	3085	2065	1510	1190	985	710	545	400
m	1,00	2,70	4,55	6,43	8,38	10,33	12,33	14,47	16,55	18,58

HC181X E5



kg	13640*	4850	2940	1940	1390	1070	870	735	545	400	240
m	1,00	2,70	4,64	6,52	8,47	10,42	12,42	14,47	16,55	18,58	20,66

HC181X E6

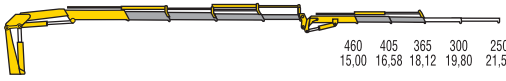


kg	13290*	4700	2815	1835	1315	975	775	645	545	400	240
m	1,00	2,70	4,72	6,60	8,55	10,50	12,50	14,55	16,55	18,58	20,66

HC181X E3 Jib 3

kg	645	555	495	445	290
m	13,00	14,58	16,12	17,70	19,38

HC181X E4 Jib 2



kg	460	405	365	300	250
m	15,00	16,58	18,12	19,80	21,53

HC181X E4 Jib 3

kg	405	350	310	280	230
m	15,10	16,68	18,22	19,80	21,53

*) Theoretical lifting capacity

HC 181 X

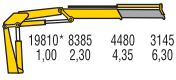
EES Extra Extension Speed
TCU Total Control Unit
LCS Lift Control System
LAS Liftrod Articulating System

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HC181X E1	16,0	10,1	18,3	400	22	3	310	1755	100	25	2500X2300X915
HC181X E2	-	12,1	18,3	400	22	3	310	1900	100	25	2500X2300X915
HC181X E3	-	14,1	20,2	400	22	3	310	2040	100	25	2500X2300X915
HC181X E4	-	16,2	22,3	400	22	3	310	2160	100	25	2500X2300X915
HC181X E5	-	18,3	24,3	400	22	3	310	2270	100	25	2500X2300X1020
HC181X E6	-	20,2	24,3	400	22	3	310	2365	100	25	2500X2300X1020
HC181X E3 J3	-	21,5	23,0	400	22	3	310	2510	100	25	2500X2400X1100
HC181X E4 J2	-	21,9	25,3	400	22	3	310	2575	100	25	2510X2450X1100
HC181X E4 J3	-	23,6	25,3	400	22	3	310	2630	100	25	2510X2450X1100

HC 221X

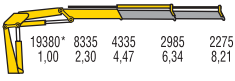
EES
SDS
TCU
LCS
LAS

HC221X E1



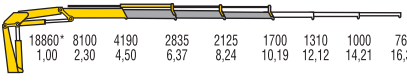
kg	19810*	8385	4480	3145
m	1,00	2,30	4,35	6,30

HC221X E2



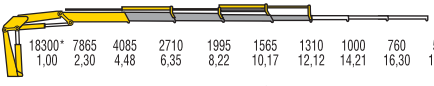
kg	19380*	8335	4335	2985	2275
m	1,00	2,30	4,47	6,34	8,21

HC221X E3



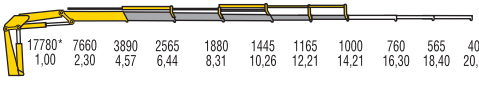
kg	18860*	8100	4190	2835	2125	1700	1310	1000	760
m	1,00	2,30	4,50	6,37	8,24	10,19	12,12	14,21	16,30

HC221X E4



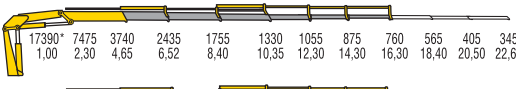
kg	18300*	7865	4085	2710	1995	1565	1310	1000	760	565
m	1,00	2,30	4,48	6,35	8,22	10,17	12,12	14,21	16,30	18,40

HC221X E5



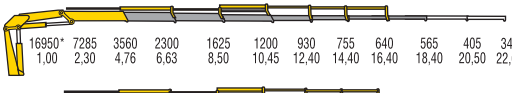
kg	17780*	7660	3890	2565	1880	1445	1165	1000	760	565	405
m	1,00	2,30	4,57	6,44	8,31	10,26	12,21	14,21	16,30	18,40	20,50

HC221X E6



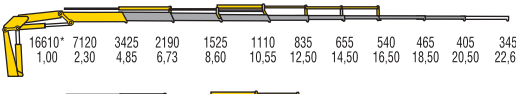
kg	17390*	7475	3740	2435	1755	1330	1055	875	760	565	405	345
m	1,00	2,30	4,65	6,52	8,40	10,35	12,30	14,30	16,30	18,40	20,50	22,60

HC221X E7



kg	16950*	7285	3560	2300	1625	1200	930	755	640	565	405	345
m	1,00	2,30	4,76	6,63	8,50	10,45	12,40	14,40	16,40	18,40	20,50	22,60

HC221X E8

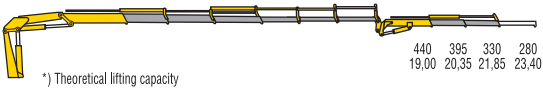


kg	16610*	7120	3425	2190	1525	1110	835	655	540	465	405	345
m	1,00	2,30	4,85	6,73	8,60	10,55	12,50	14,50	16,50	18,50	20,50	22,60

HC221X E4 Jib 3

kg	495	425	370	325	235	175
m	15,10	16,80	18,50	20,30	22,20	24,00

HC221X E6 Jib 2



kg	440	395	330	280
m	19,00	20,35	21,85	23,40

*) Theoretical lifting capacity

HC 221X

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		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
		HYD.	MAN.								
HC221X E1	19,8	10,0	-	400	30	3	300	2140	130	38	2520X2300X1040
HC221X E2	-	11,9	-	400	30	3	300	2290	130	38	2520X2300X1040
HC221X E3	-	13,8	19,9	400	30	3	300	2440	130	38	2520X2300X1040
HC221X E4	-	15,8	21,9	400	30	3	300	2555	130	38	2520X2300X1040
HC221X E5	-	17,8	24,1	400	30	3	300	2700	130	38	2520X2300X1040
HC221X E6	-	19,9	26,2	400	30	3	300	2800	130	38	2520X2300X1040
HC221X E7	-	22,0	26,2	400	30	3	300	2915	130	38	2520X2300X1100
HC221X E8	-	24,1	26,2	400	30	3	300	3000	130	38	2520X2300X1100
HC221X E4 J3	-	23,9	27,5	400	30	3	300	3180	130	38	2520X2565X1150
HC221X E6 J2	-	25,4	27,0	400	30	3	300	3120	130	38	2520X2450X1150

HC 241

EES
SDS
LCS
LAS

HC241 E1

kg	21390*	9265	4840	3450	
m	1,00	2,20	4,25	6,20	

HC241 E2

kg	20800*	9150	4645	3275	2565
m	1,00	2,20	4,37	6,24	8,11

HC241 E3

kg	19910*	8985	4525	3135	2400	1955	1520	1180	905
m	1,00	2,20	4,40	6,27	8,14	10,09	12,02	14,11	16,20

HC241 E4

kg	19340*	8745	4415	2975	2260	1805	1520	1180	905	670
m	1,00	2,20	4,38	6,25	8,12	10,07	12,02	14,11	16,20	18,30

HC241 E5

kg	18840*	8515	4215	2825	2105	1650	1365	1180	905	670	500
m	1,00	2,20	4,47	6,34	8,21	10,16	12,11	14,11	16,20	18,30	20,40

HC241 E6

kg	18340*	8300	4030	2670	1945	1505	1215	1045	905	670	500	405
m	1,00	2,20	4,55	6,42	8,30	10,25	12,20	14,20	16,20	18,30	20,40	22,50

HC241 E7

kg	18080*	8190	3880	2550	1830	1385	1105	915	770	670	500	405
m	1,00	2,20	4,66	6,53	8,40	10,35	12,30	14,30	16,30	18,30	20,40	22,50

HC241 E8

kg	17690*	8010	3725	2445	1725	1295	1005	810	665	565	500	405
m	1,00	2,20	4,75	6,63	8,50	10,45	12,40	14,40	16,40	18,40	20,40	22,50

HC241 E4 Jib 2

kg	640	560	500	380	300	200
m	15,00	16,70	18,40	20,20	22,10	23,90

HC241 E4 Jib 3

kg	570	490	425	380	300	200
m	15,00	16,70	18,40	20,20	22,10	23,90

HC241 E6 Jib 2

kg	520	480	420	350
m	18,90	20,25	21,75	23,30

*) Theoretical lifting capacity

HC 241

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

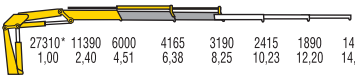
MODELS	LIFTING MOMENT	MAX VERTICAL REACH		SLEWING ANGLE	SLEWING TIME	MAX WORKING HEEL	WORKING PRESSURE	CRANE WEIGHT WITHOUT STABILIZERS	OIL TANK CAPACITY	OIL FLOW	DIMENSIONS
	tm	m		°	s/180°	°	bar	kg	l	l/min	mm B x h x S
		HYD.	MAN.								
HC241 E1	21,4	9,9	-	387	22	4	325	2210	130	38	2480x2330x1005
HC241 E2	-	11,8	-	387	22	4	325	2360	130	38	2480x2330x1016
HC241 E3	-	13,8	19,9	387	22	4	325	2510	130	38	2480x2330x1016
HC241 E4	-	15,7	22,0	387	22	4	325	2650	130	38	2480x2330x1016
HC241 E5	-	17,8	24,1	387	22	4	325	2770	130	38	2480x2330x1016
HC241 E6	-	19,9	26,2	387	22	4	325	2890	130	38	2480x2330x1016
HC241 E7	-	22,0	26,2	387	22	4	325	2990	130	38	2480x2330x1095
HC241 E8	-	24,1	26,2	387	22	4	325	3090	130	38	2480x2330x1095
HC241 E4 J2	-	22,1	27,5	387	22	4	325	3160	130	38	2480x2615x1140
HC241 E4 J3	-	23,9	27,6	387	22	4	325	3250	130	38	2480x2615x1140
HC241 E6 J2	-	25,4	27,0	387	22	4	325	3190	130	38	2480x2495x1140

HC 291

NEW

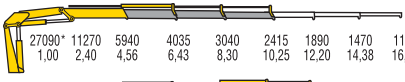
EES
SDS
LCS
LAS

HC291 E2



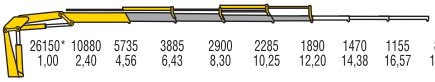
kg	27310*	11390	6000	4165	3190	2415	1890	1470
m	1,00	2,40	4,51	6,38	8,25	10,23	12,20	14,38

HC291 E3



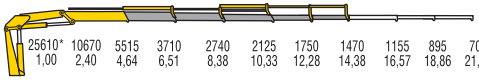
kg	27090*	11270	5940	4035	3040	2415	1890	1470	1155
m	1,00	2,40	4,56	6,43	8,30	10,25	12,20	14,38	16,57

HC291 E4



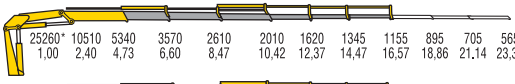
kg	26150*	10880	5735	3885	2900	2285	1890	1470	1155	895
m	1,00	2,40	4,56	6,43	8,30	10,25	12,20	14,38	16,57	18,86

HC291 E5



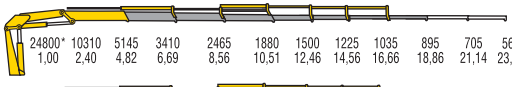
kg	25610*	10670	5515	3710	2740	2125	1750	1470	1155	895	705
m	1,00	2,40	4,64	6,51	8,38	10,33	12,28	14,38	16,57	18,86	21,14

HC291 E6



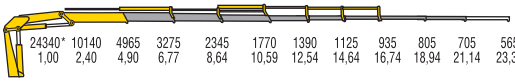
kg	25260*	10510	5340	3570	2610	2010	1620	1345	1155	895	705	565
m	1,00	2,40	4,73	6,60	8,47	10,42	12,37	14,47	16,57	18,86	21,14	23,33

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

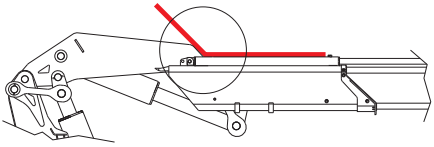


kg	24340*	10140	4965	3275	2345	1770	1390	1125	935	805	705	565
m	1,00	2,40	4,90	6,77	8,64	10,59	12,54	14,64	16,74	18,94	21,14	23,33

HC291 E6 Jib 4

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

*) Theoretical lifting capacity



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

HC 291

NEW

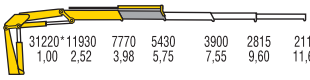
EES Extra Extension Speed
SDS Smooth Descent System
LCS Lift Control System
LAS Liftrod Articulating System

- Wide rotation angle
- Ergonomic crane and stabilizer controls
- Extension cylinders with return brake
- 6,6 m stabilizer outreach

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HC291X E2	27,3	11,9	18,1	425	22	4	325	2635	180	50	2510x2350x1010
HC291X E3	-	13,8	20,2	425	22	4	325	2795	180	50	2510x2350x1010
HC291X E4	-	15,8	22,5	425	22	4	325	2950	180	50	2510x2350x1010
HC291X E5	-	17,9	24,7	425	22	4	325	3090	180	50	2510x2350x1040
HC291X E6	-	20,1	26,9	425	22	4	325	3215	180	50	2510x2350x1060
HC291X E7	-	22,4	26,9	425	22	4	325	3330	180	50	2510x2350x1160
HC291X E8	-	24,7	26,9	425	22	4	325	3430	180	50	2510x2350x1180
HC291X E6J4	-	29,1	30,9	425	22	4	325	3790	180	50	2510x2705x1190

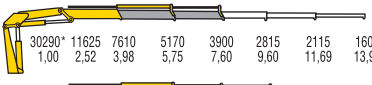
HC 331

EES
SDS
LAS



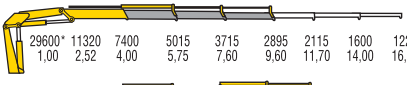
HC331 E1

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



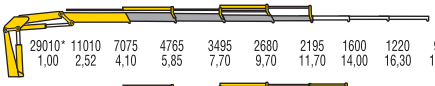
HC331 E2

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



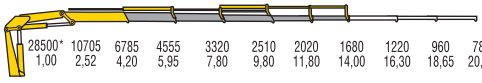
HC331 E3

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



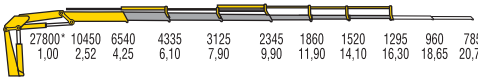
HC331 E4

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



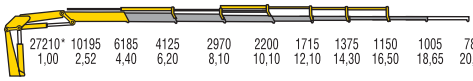
HC331 E5

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



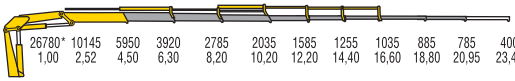
HC331 E6

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

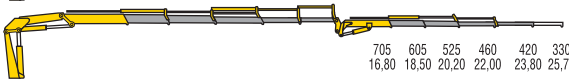


HC331 E8

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 E4 Jib 4

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



HC331 E5 Jib 4

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

*) Theoretical lifting capacity

HC 331

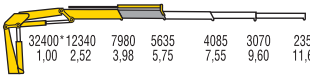
EES Extra Extension Speed
SDS Smooth Descent System
LAS Liftrod Articulating System

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HC331 E1	31,2	9,9	15,8	397	25	4	300	3050	160	45	2540x2355x1170
HC331 E2	-	11,8	18,1	397	25	4	300	3280	160	45	2540x2355x1170
HC331 E3	-	13,8	20,4	397	25	4	300	3500	160	45	2540x2355x1170
HC331 E4	-	15,8	22,7	397	25	4	300	3730	160	45	2540x2355x1170
HC331 E5	-	18,1	24,8	397	25	4	300	3900	160	45	2540x2355x1170
HC331 E6	-	20,4	24,8	397	25	4	300	4060	160	45	2540x2405x1170
HC331 E7	-	22,7	24,8	397	25	4	300	4180	160	45	2540x2490x1300
HC331 E8	-	25,0	27,4	397	25	4	300	4300	160	45	2540x2550x1300
HC331 E4 J4	-	25,7	27,5	397	30	4	290	4570	160	45	2540x2620x1330
HC331 E5 J4	-	28,0	29,8	397	30	4	290	4740	160	45	2545x2620x1330

HC 361

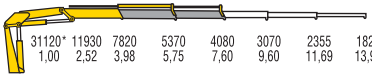
EES
SDS
LCS
LAS

HC361 E1



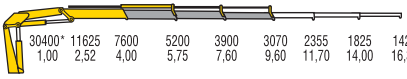
kg	32400*	12340	7980	5635	4085	3070	2355
m	1,00	2,52	3,98	5,75	7,55	9,60	11,69

HC361 E2



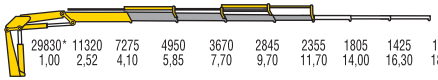
kg	31120*	11930	7820	5370	4080	3070	2355	1825
m	1,00	2,52	3,98	5,75	7,60	9,60	11,69	13,98

HC361 E3



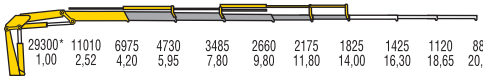
kg	30400*	11625	7600	5200	3900	3070	2355	1825	1425
m	1,00	2,52	4,00	5,75	7,60	9,60	11,70	14,00	16,30

HC361 E4



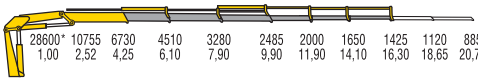
kg	29830*	11320	7275	4950	3670	2845	2355	1805	1425	1120
m	1,00	2,52	4,10	5,85	7,70	9,70	11,70	14,00	16,30	18,65

HC361 E5



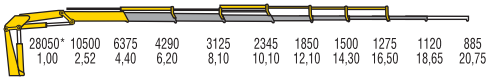
kg	29300*	11010	6975	4730	3485	2660	2175	1825	1425	1120	885
m	1,00	2,52	4,20	5,95	7,80	9,80	11,80	14,00	16,30	18,65	20,75

HC361 E6



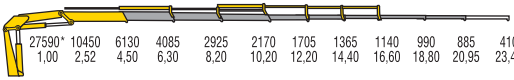
kg	28600*	10755	6730	4510	3280	2485	2000	1650	1425	1120	885
m	1,00	2,52	4,25	6,10	7,90	9,90	11,90	14,10	16,30	18,65	20,75

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

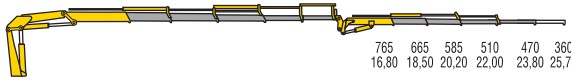


kg	27590*	10450	6130	4085	2925	2170	1705	1365	1140	990	885	410
m	1,00	2,52	4,50	6,30	8,20	10,20	12,20	14,40	16,60	18,80	20,95	23,40

HC361 E4 Jib 4

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

HC361 E5 Jib 4



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

*) Theoretical lifting capacity

HC 361

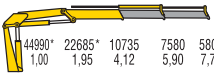
EES Extra Extension Speed
SDS Smooth Descent System
LCS Lift Control System
LAS Liftrod Articulating System

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HC361 E1	32,4	9,9	15,8	397	25	4	310	3050	160	45	2540x2355x1170
HC361 E2	-	11,8	18,1	397	25	4	310	3280	160	45	2540x2355x1170
HC361 E3	-	13,8	20,4	397	25	4	310	3500	160	45	2540x2355x1170
HC361 E4	-	15,8	22,7	397	25	4	310	3730	160	45	2540x2355x1170
HC361 E5	-	18,1	24,8	397	25	4	310	3900	160	45	2540x2355x1170
HC361 E6	-	20,4	24,8	397	25	4	310	4060	160	45	2540x2405x1170
HC361 E7	-	22,7	24,8	397	25	4	310	4180	160	45	2540x2490x1300
HC361 E8	-	25,0	27,4	397	25	4	310	4300	160	45	2540x2550x1300
HC361 E4J4	-	25,7	27,5	397	30	4	310	4570	160	45	2540x2620x1330
HC361 E5J4	-	28,0	29,8	4397	30	4	310	4740	160	45	2545x2620x1330

HC 501 X

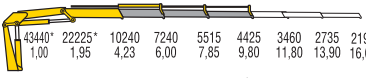
EES
SDS
TCU
LCS
LAS

HC501X E2



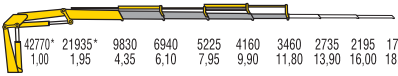
kg	44990*	22685*	10735	7580	5805
m	1,00	1,95	4,12	5,90	7,75

HC501X E3



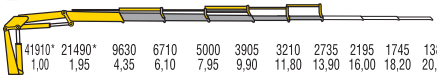
kg	43440*	22225*	10240	7240	5515	4425	3460	2735	2195
m	1,00	1,95	4,23	6,00	7,85	9,80	11,80	13,90	16,00

HC501X E4



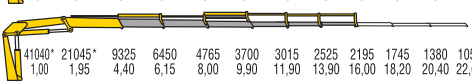
kg	42770*	21935*	9830	6940	5225	4160	3460	2735	2195	1745
m	1,00	1,95	4,35	6,10	7,95	9,90	11,80	13,90	16,00	18,20

HC501X E5



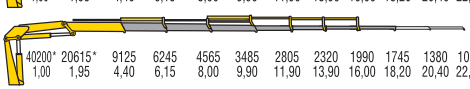
kg	41910*	21490*	9630	6710	5000	3905	3210	2735	2195	1745	1380
m	1,00	1,95	4,35	6,10	7,95	9,90	11,80	13,90	16,00	18,20	20,40

HC501X E6



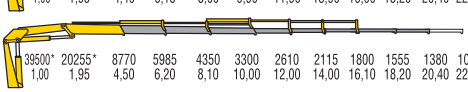
kg	41040*	21045*	9325	6450	4765	3700	3015	2525	2195	1745	1380	1055
m	1,00	1,95	4,40	6,15	8,00	9,90	11,90	13,90	16,00	18,20	20,40	22,60

HC501X E7



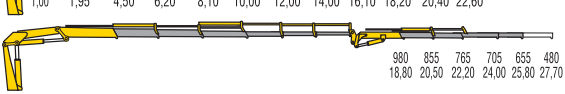
kg	40200*	20615*	9125	6245	4565	3485	2805	2320	1990	1745	1380	1055
m	1,00	1,95	4,40	6,15	8,00	9,90	11,90	13,90	16,00	18,20	20,40	22,60

HC501X E8



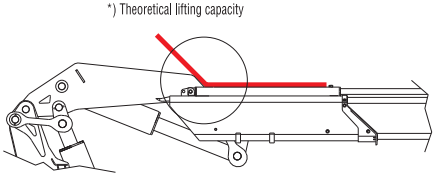
kg	39500*	20255*	8770	5985	4350	3300	2610	2115	1800	1555	1380	1055
m	1,00	1,95	4,50	6,20	8,10	10,00	12,00	14,00	16,10	18,20	20,40	22,60

HC501X E6 Jib 4



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 501X

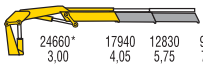
EES Extra Extension Speed
SDS Smooth Descent System
TCU Total Control Unit
LCS Lift Control System
LAS Liftrod Articulating System

MODELS	LIFTING MOMENT	MAX VERTICAL REACH		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
		HYD.	MAN.								
HC501X E2	45,0	12,1	-	400	25	4	315	4040	210	80	2505x2460x1275
HC501X E3	-	14,1	20,3	400	25	4	315	4290	210	80	2505x2460x1275
HC501X E4	-	16,1	22,5	400	25	4	315	4570	210	80	2505x2460x1275
HC501X E5	-	18,2	24,7	400	25	4	315	4810	210	80	2505x2460x1285
HC501X E6	-	20,3	27,0	400	25	4	315	5010	210	80	2505x2460x1285
HC501X E7	-	22,5	27,0	400	25	4	315	5200	210	80	2505x2460x1400
HC501X E8	-	24,7	27,0	400	25	4	315	5380	210	80	2510x2480x1400
HC501X E6J4	-	30,1	32,0	400	25	4	315	5880	210	80	2515x2725x1470

HC 801 X

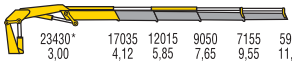
EES
SDS
TCU
LCS
LAS

HC801X E2



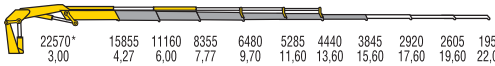
kg	24660*	17940	12830	9800
m	3,00	4,05	5,75	7,55

HC801X E4



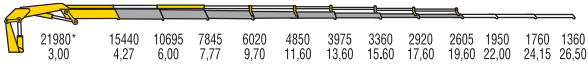
kg	23430*	17035	12015	9050	7155	5920
m	3,00	4,12	5,85	7,65	9,55	11,45

HC801X E6



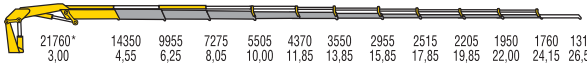
kg	22570*	15855	11160	8355	6480	5285	4440	3845	2920	2605	1950
m	3,00	4,27	6,00	7,77	9,70	11,60	13,60	15,60	17,60	19,60	22,00

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

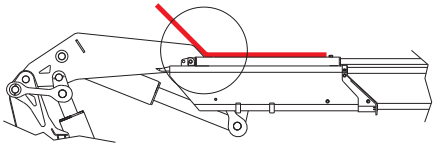
HC801X E6 Jib 6

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 E8 Jib 4

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 801X

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		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
		HYD.	MAN.								
HC801X E2	74	12,1	-	Endless	40	4	315	7450	280	100	2530x2450x1610
HC801X E4	-	16,0	-	Endless	40	4	315	8100	280	100	2530x2450x1610
HC801X E6	-	20,2	26,5	Endless	50	4	315	8700	280	100	2530x2450x1770
HC801X E8	-	24,1	31,0	Endless	50	4	315	9250	280	100	2530x2505x1795
HC801X E10	-	28,7	31,0	Endless	60	4	315	9650	280	100	2530x2635x1795
HC801X E6J6	-	33,6	35,6	Endless	60	4	315	10200	280	100	2530x2800x1900
HC801X E8J4	-	34,0	35,8	Endless	60	4	315	10100	280	100	2545x2875x1900

Stability control systems (CE)

Models	HS	HM	HML	OPTIONAL HL	HXL	H2XL
HA 10						
HA 15	●		ⓧ	ⓧ		
HA 22	●		ⓧ	ⓧ		
HA 28	●		ⓧ	ⓧ		
HA 33	●		ⓧ	ⓧ		
HA 70			ⓧ	ⓧ	●	
HA 100					●	ⓧ
HA 110					●	ⓧ
HA 160					●	ⓧ
HA 180					●	ⓧ
HV 27						
HB 31						
HB 40						
HV 47		●				
HB 50		●	ⓧ	ⓧ		
HB 60			ⓧ	ⓧ	●	
HB 70			ⓧ	ⓧ	●	
HV 77		●				
HB 80					●	ⓧ
HB 100					●	ⓧ
HV 107		●				
HB 120					●	ⓧ
HV 147		●				
HB 150					●	ⓧ
HB 170					●	ⓧ
HV 197		●				
HB 200					●	ⓧ
HV 227		●				
HB 230					●	ⓧ
HB 250					●	ⓧ
HB 280					●	ⓧ
HB 460						
HB 700						
HC 101					●	ⓧ
HC 151					●	ⓧ
HC 181 X						●
HC 221 X						●
HC 241					●	ⓧ
HC 291						●
HC 331						●
HC 361						●
HC 501 X						●
HC 801 X						●

● Standard ⓧ Radio Version

Notes

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