

HK 165 K7+L5

KNUCKLE BOOM CRANE



HIDROKON



Power and Performance Together!

HK 165 K7+L5 Knuckle Boom Crane

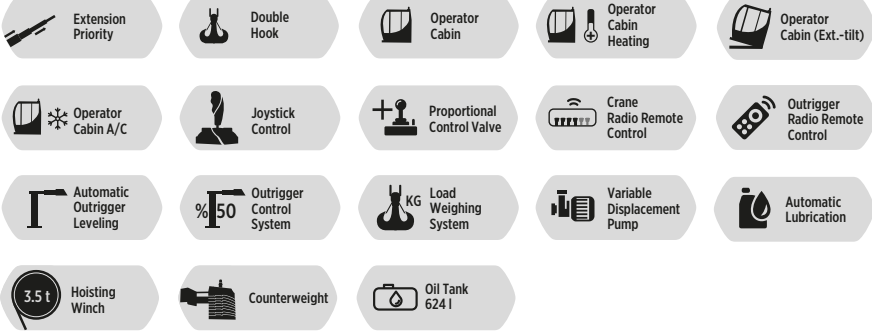
*With high quality equipment,
superior capability and
maximum safety features.*







FEATURES



Crane Attachments

● Available ✕ Not Available	Fly Jib	Hoisting Winch Single Line	Hoisting Winch Single Line	Hoisting Winch Single Line	Hoisting Winch Single Line
		1937 KG	3059 KG	3569 KG	4588 KG
HK 165	●	✕	✕	●	●

● Available ✕ Not Available	Counter Weight	Load Case Extension	5th-6th Stabilizers	Manual Extension Booms
HK 165	●	✕	●	●

Other Attachments

Double Hook

Body Apparatus For Utility Pole

Hook Block - Single Sheave

Pallet Fork

Towing Equipment

Angular Extension Boom

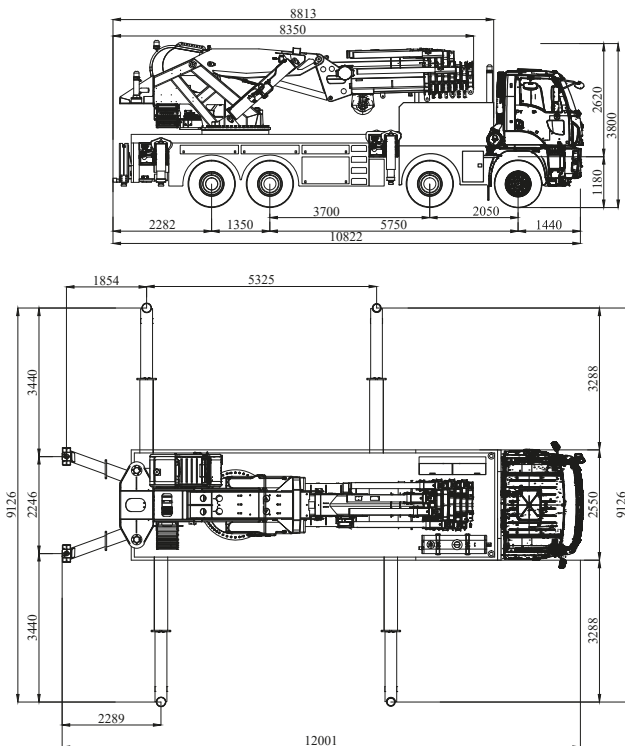
H Frame Lifting Beam

Angular Extension Boom
(Angle Adjustable)

Technical Specifications

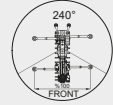
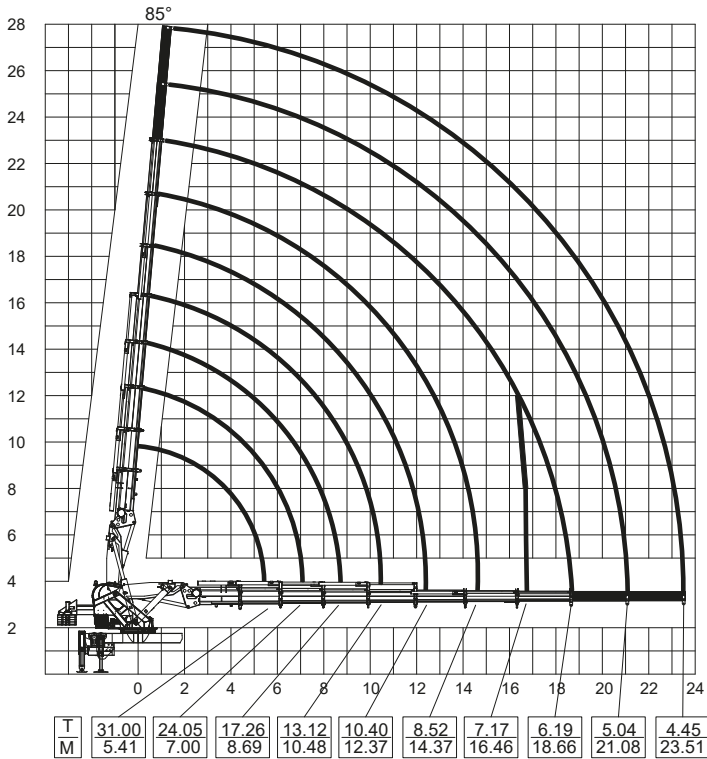
Max. Hydraulic Vertical Outreach	22.98 m	75' 4.72"
Max. Manual Vertical Outreach	27.81 m	91' 2.88"
Max. Hydraulic Vertical Outreach With Fly Jib	40.37 m	132' 5.37"
Max. Manual Vertical Outreach With Fly Jib	46.66 m	153' 1.00"
Working Pressure	290 bar	4206 psi
Rotation Angle	∞ (Endless)	∞ (Endless)
Number Of Hydraulic Extensions	7	7
Number Of Hydraulic Extensions Of Fly Jib	5	5
Number Of Manual Extensions	2	2
Number Of Manual Extensions Of Fly Jib	2	2
Counter Weight	4 x 1320 kg	4 x 2910 lbs
Oil Tank Capacity	624 l	624 l
Dead Weight (Std.)	24920 kg	54,939 lbs
Dead Weight (Std.) With Fly Jib	28720 kg	63,316 lbs

Dimensions (mm)



*Vehicle model selection may vary depending on country highway regulations, the image above is for illustration purposes only.

HK 165 K7+2 Lifting Capacity



Main Boom
1. Manual Ext.
Max 5040 kg

Main Boom
2. Manual Ext.
Max 4450 kg

* Lifting capacities of the main boom are valid when manual extensions are not installed .

* In vertical and horizontal distances , boom deflections are not calculated .

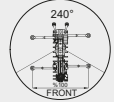
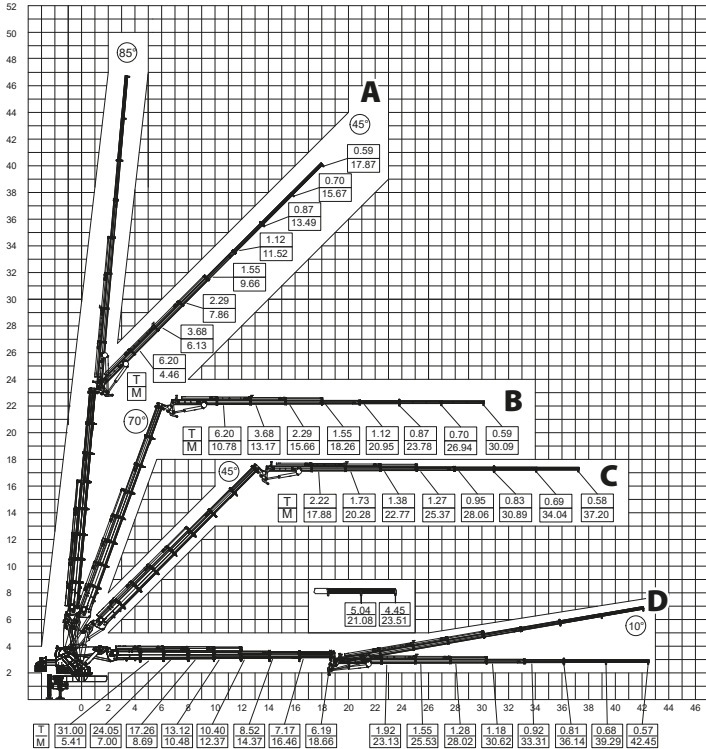
* Subject to change without prior notice.

* In the case of working in front of the cab area and / or on a surface where outrigger jacks are not balanced, all the responsibility belongs to the user.

max.	Feet&Inch	55000 kg	121,254 lbs
5.41 m	17' 8.99"	31000 kg	68,343 lbs
7.00 m	22' 11.59"	24050 kg	53,021 lbs
8.69 m	28' 6.12"	17260 kg	38,051 lbs
10.48 m	34' 4.59"	13120 kg	28,924 lbs
12.37 m	40' 7.00"	10400 kg	22,928 lbs
14.37 m	47' 1.74"	8520 kg	18,783 lbs
16.46 m	54' 0.03"	7170 kg	15,807 lbs
18.66 m	61' 2.64"	6190 kg	13,646 lbs
21.08 m*	69' 1.92"	5040 kg	11,111 lbs
23.51 m*	77' 1.59"	4450 kg	9,810 lbs

* Manual extension boom

HK 165 K7+L5+2 Lifting Capacity



Main Boom
1. Manual Ext.
Max 5040 kg

Main Boom
2. Manual Ext.
Max 4450 kg

Jib Boom
1. Manual Ext.
Max 700 kg

Jib Boom
2. Manual Ext.
Max 590 kg

- * Lifting capacities of the main boom are to be considered when the fly jib is not installed.
- * In vertical and horizontal distances, boom deflections are not calculated.
- * Subject to change without prior notice.
- * In the case of working in front of the cab area and / or on a surface where outrigger jacks are not balanced, all the responsibility belongs to the user.

A

FLY JIB	Feet&Inch	20000 kg	44,092 lbs
4.46 m	14' 7.59"	6200 kg	13,668 lbs
6.13 m	20' 1.33"	3680 kg	8,113 lbs
7.86 m	25' 9.44"	2290 kg	5,048 lbs
9.66 m	31' 8.31"	1550 kg	3,417 lbs
11.52 m	37' 9.54"	1120 kg	2,469 lbs
13.49 m	44' 3.10"	870 kg	1,918 lbs
15.67 m*	51' 4.92"	700 kg	1,543 lbs
17.87 m*	58' 7.54"	590 kg	1,300 lbs

* Manual extension boom

HK 165 K7+L5+2 Lifting Capacity

B

FLY JIB	Feet&Inch	20000 kg	44,092 lbs
10.78 m	35' 4.40"	6200 kg	13,668 lbs
13.17 m	43' 2.50"	3680 kg	8,113 lbs
15.66 m	51' 4.53"	2290 kg	5,048 lbs
18.26 m	59' 10.89"	1550 kg	3,417 lbs
20.95 m	68' 8.80"	1120 kg	2,469 lbs
23.78 m	78' 0.22"	870 kg	1,918 lbs
26.94 m*	88' 4.62"	700 kg	1,543 lbs
30.09 m*	98' 8.64"	590 kg	1,300 lbs

* Manual extension boom

C

FLY JIB	Feet&Inch	20000 kg	44,092 lbs
17.88 m	58' 7.93"	2220 kg	4,894 lbs
20.28 m	66' 6.42"	1730 kg	3,813 lbs
22.77 m	74' 8.45"	1380 kg	3,042 lbs
25.37 m	83' 2.81"	1270 kg	2,799 lbs
28.06 m	92' 0.72"	950 kg	2,094 lbs
30.89 m	101' 4.14"	830 kg	1,829 lbs
34.04 m*	111' 8.15"	690 kg	1,521 lbs
37.20 m*	122' 0.56"	580 kg	1,278 lbs

* Manual extension boom

D

FLY JIB	Feet&Inch	20000 kg	44,092 lbs
23.13 m	75' 10.62"	1920 kg	4,232 lbs
25.53 m	83' 9.11"	1550 kg	3,417 lbs
28.02 m	91' 11.14"	1280 kg	2,821 lbs
30.62 m	100' 5.51"	1180 kg	2,601 lbs
33.31 m	109' 3.41"	920 kg	2,028 lbs
36.14 m	118' 6.83"	810 kg	1,785 lbs
39.29 m*	128' 10.85"	680 kg	1,499 lbs
42.45 m*	139' 3.25"	570 kg	1,256 lbs

* Manual extension boom