

**HB SERIES,
ARTICULATED CRANES BUILT FOR LONG LIFE SERVICE AND
SUITABLE FOR A WIDE RANGE OF TASKS**



**THE MOST VERSATILE AND USER-FRIENDLY CRANE,
SIMPLE, EFFICIENT AND ROBUST**

HB 51


ACCESSORIES

- Outriggers with hydraulic extension
- Supplementary elements activations
- Winch
- Manual extensions
- Pivoting stabilizer legs
- Extra extensible stabilizers

CRANE CONTROL SYSTEM

A-CLASS

- N. 2 step stabilizer beams
- N. 1 sector on slewing
- Mono-area pressure limit

E-CLASS

- N. 2 step stabilizer beams
- Proportional slewing control
- Truck side independent

HB 51


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

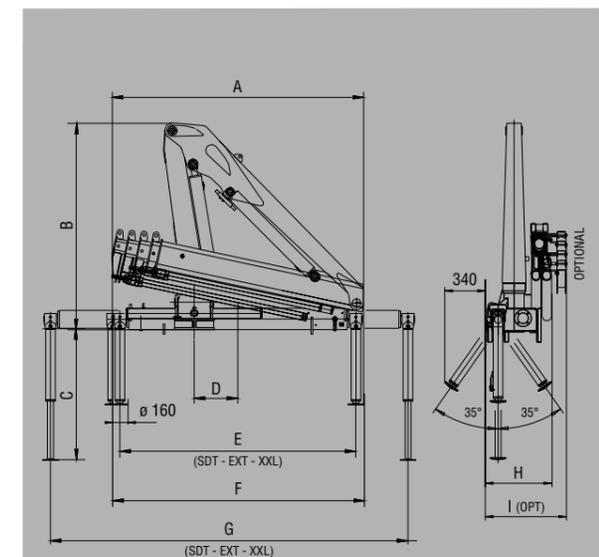
HUMAN MACHINE INTERFACE

BRIGHT LED PANEL

INTELLIGENT DISPLAY 4.3"

Available for the entire range till **28 tm**. Highly user-friendly design, with buttons and LED lights. Dedicated led lights to identify the position of each stabilizer. New 3-digits display has been added to inform the operator about alarms and errors.

Up to **6 languages** available. Full color new display. Offers more information and data compared to the LED Panel. The graphic design and intuitive menu guide the operator and service technician to all the functionality information, statistics and performances.

TECHNICAL INFORMATION HB 51
DIMENSIONS (MM)


	E1	E2	E3	E4
A	2165	2165	2165	2165
B	1845	1845	1845	1845
C	1050	1050	1050	1050
D	380	380	380	380
E (STD - EXT)	1950	1950	1950	1950
E (XXL)	2010	2010	2010	2010
F	2170	2170	2170	2170
G (STD)	3040	3040	3040	3040
G (EXT)	4060	4060	4060	4060
G (XXL)	4780	4780	4780	4780
H	560	560	560	560
I	685	685	685	685

LOAD DIAGRAMS

Model	kg	1930**	1250	900	680
HB51 E1	4390*	1930**	1250	900	680
HB51 E2	4220*	1860**	1170	830	650
HB51 E3	4080*	1800**	1100	770	590
HB51 E4	3920*	1720**	1030	710	540

*) Theoretical lifting capacity
) Fixed hook capacity

STANDARD FEATURES

Designed in accordance with: **EN12999:2020 + EN13849**

Designed class: **HC1 - HD4**

- Load limiting device (CE)
- Hexagonal section extensions
- Independent extension cylinders
- Flanged valves
- Assembly kit
- Oil tank
- Fixed stabilizer cylinders
- Dual controls (No with radio remote control)
- Light indicator for correct stabilizer stowing (CE)
- Mechanical rotation limitation (CE)
- A Class (Crane Control System)
- LED panel (Human Machine Interface)

TECHNICAL SPECIFICATIONS

		HB 51 E1	HB 51 E2	HB 51 E3	HB 51 E4
Lifting moment	tm	4,39	4,22	4,08	3,92
Max. vertical reach	m	7,82	9,23	10,65	12,06
Slewing angle	°	380	380	380	380
Slewing time	s/180°	15	15	15	15
Max. working heel	°	4	4	4	4
Working pressure	bar	265	265	265	265
Oil tank capacity	l	35	35	35	35
Max. oil flow	l/m	16	16	16	16
Standard crane weight (without stabilizers)	kg	645	695	745	870

110 countries
+3,500 employees
20,000 customers
+30 subsidiaries
14 production facilities



Hyva is a leading provider of innovative and highly efficient transport solutions for commercial vehicles used in transport, construction, mining, materials handling and environmental service industries.

Founded in 1979 in the Netherlands, the company has a global presence with more than 30 wholly owned subsidiaries, extraordinary service coverage and 14 manufacturing facilities in Brazil, China, Europe and India.

For more information on Hyva, please visit www.hyva.com

or follow us on:



Hyva Holding B.V.
Antonie van Leeuwenhoekweg 37
2408 AK Alphen aan den Rijn
The Netherlands
Telephone: +31 (0)172 - 42 35 55
Telefax: +31 (0)172 - 42 08 80
info@hyva.com
www.hyva.com



**Quality and
environmental certified**

DEALER STAMP