

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
	m	1,00	3,38	4,73	6,03	7,38
HB40 E1	kg	4060*	995	815	615	470
	m	1,00	3,63	4,98	6,43	7,88
HB40 E2	kg	3890*	995	765	600	470
	m	1,00	3,73	5,08	6,43	7,88
HB40 E3	kg	3810*	995	715	555	460
	m	1,00	3,83	5,18	6,53	7,88
HB50 E1	kg	4730*	1890	1300	950	700
	m	1,00	2,43	3,63	4,98	6,43
HB50 E2	kg	4460*	1785	1195	865	680
	m	1,00	2,43	3,73	5,08	6,43
HB50 E3	kg	4250*	1700	1110	800	620
	m	1,00	2,43	3,83	5,18	6,53
HB60 E1	kg	6580*	2680	1740	1230	885
	m	1,00	2,45	3,78	5,34	7,00
HB60 E2	kg	6410*	2615	1650	1150	885
	m	1,00	2,45	3,88	5,45	7,00
HB60 E3	kg	6160*	2515	1555	1070	810
	m	1,00	2,45	3,95	5,50	7,08
HB60 E4	kg	5970*	2435	1475	995	745
	m	1,00	2,45	4,05	5,60	7,20
HB70 E1	kg	7170*	2925	1865	1300	945
	m	1,00	2,45	3,84	5,40	7,02
HB70 E2	kg	6870*	2805	1760	1230	945
	m	1,00	2,45	3,90	5,46	7,02
HB70 E3	kg	6620*	2700	1675	1155	870
	m	1,00	2,45	3,95	5,55	7,10
HB70 E4	kg	6470*	2620	1585	1075	800
	m	1,00	2,45	4,08	5,60	7,20
HB80 E1	kg	7890*	3220	2050	1445	1050
	m	1,00	2,45	3,85	5,40	7,05
HB80 E2	kg	7690*	3140	1965	1370	1050
	m	1,00	2,45	3,90	5,46	7,05
HB80 E3	kg	7420*	3030	1865	1290	975
	m	1,00	2,45	3,98	5,55	7,10
HB80 E4	kg	7190*	2935	1760	1200	900
	m	1,00	2,45	4,08	5,65	7,20
HB100 E1	kg	9570*	4400	2335	1615	
	m	1,00	2,15	4,10	5,84	
HB100 E2	kg	9140*	4195	2230	1525	815
	m	1,00	2,15	4,10	5,84	9,60
HB100 E3	kg	8800*	4070	2095	1390	815
	m	1,00	2,15	4,20	5,94	9,60
HB100 E4	kg	8470*	3925	1970	1300	770
	m	1,00	2,15	4,30	6,04	7,85
HB100 E5	kg	8150*	3785	1860	1205	650
	m	1,00	2,15	4,38	6,14	7,95

*) Theoretical lifting capacity

HYVA[®] CRANE

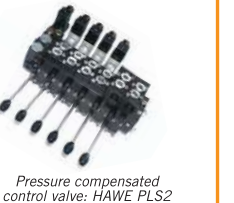
HB SERIES



GENERATION Radio Remote Control



Multifunction radio control (No CE)



CAN-BUS (CE)



HB120 E1	kg	11830*	4825	2790	1940
	m	1,00	2,45	4,24	6,04
HB120 E2	kg	11250*	4560	2605	1825
	m	1,00	2,45	4,32	6,13
HB120 E3	kg	10960*	4415	2485	1725
	m	1,00	2,45	4,41	6,21
HB120 E4	kg	10670*	4295	2370	1605
	m	1,00	2,45	4,50	6,30
HB120 E5	kg	10510*	4230	2295	1555
	m	1,00	2,45	4,58	6,38
HB120 E3 Jib 2	kg				
	m				
HB150 E1	kg	13890*	5660	3275	2275
	m	1,00	2,45	4,24	6,04
HB150 E2	kg	13240*	5405	3065	2130
	m	1,00	2,45	4,32	6,13
HB150 E3	kg	12880*	5200	2920	2010
	m	1,00	2,45	4,41	6,21
HB150 E4	kg	12690*	5100	2820	1965
	m	1,00	2,45	4,50	6,30
HB150 E5	kg	12390*	5000	2705	1865
	m	1,00	2,45	4,58	6,38
HB150 E3 Jib 2	kg				
	m				
HB170 E1	kg	15760*	7470	3700	2560
	m	1,00	2,10	4,26	6,13
HB170 E2	kg	15340*	7215	3500	2445
	m	1,00	2,10	4,26	6,13
HB170 E3	kg	15040*	7040	3330	2335
	m	1,00	2,10	4,26	6,13
HB170 E4	kg	14680*	6900	3445	2255
	m	1,00	2,10	4,26	6,13
HB170 E5	kg	14360*	6740	3300	2130
	m	1,00	2,10	4,35	6,22
HB170 E6	kg	14010*	6580	3170	2030
	m	1,00	2,10	4,42	6,30
HB170 E4 Jib 2	kg				
	m				
HB200 E1	kg	19620*	9210	4605	3200
	m	1,00	2,10	4,26	6,13
HB200 E2	kg	19170*	9065	4500	3095
	m	1,00	2,10	4,26	6,13
HB200 E3	kg	18660*	8750	4380	2945
	m	1,00	2,10	4,26	6,13
HB200 E4	kg	18210*	8575	4275	2845
	m	1,00	2,10	4,26	6,13
HB200 E5	kg	17790*	8370	4090	2690
	m	1,00	2,10	4,35	6,22
HB200 E6	kg	17380*	8190	3935	2570
	m	1,00	2,10	4,42	6,30
HB200 E5 Jib 2	kg				
	m				

*) Theoretical lifting capacity

HB230 E1	kg	20660*	9620	4765	3370
	m	1,00	2,10	4,26	6,13
HB230 E2	kg	19980*	9415	4665	3260
	m	1,00	2,10	4,26	6,13
HB230 E3	kg	19200*	9140	4530	3095
	m	1,00	2,10	4,26	6,13
HB230 E4	kg	18670*	8935	4430	2995
	m	1,00	2,10	4,26	6,13
HB230 E5	kg	18420*	8720	4235	2820
	m	1,00	2,10	4,35	6,22
HB230 E6	kg	18030*	8525	4080	2700
	m	1,00	2,10	4,42	6,30
HB230 E5 Jib 2	kg				
	m				
HB250 E1	kg	25070*	9580	5830	4065
	m	1,00	2,55	4,30	6,07
HB250 E2	kg	24670*	9480	5725	3980
	m	1,00	2,55	4,31	6,08
HB250 E3	kg	24030*	9275	5675	3740
	m	1,00	2,55	4,31	6,08
HB250 E4	kg	23390*	9070	5515	3535
	m	1,00	2,55	4,40	6,17
HB250 E5	kg	22890*	8970	5110	3390
	m	1,00	2,55	4,48	6,25
HB250 E6	kg	22860*	8950	5035	3320
	m	1,00	2,55	4,54	6,31
HB250 E3 Jib 3	kg				
	m				
HB250 E4 Jib 3	kg				
	m				
HB280 E1	kg	25820*	9785	6095	4245
	m	1,00	2,55	4,30	6,07
HB280 E2	kg	25430*	9685	5900	4095
	m	1,00	2,55	4,31	6,08
HB280 E3	kg	24780*	9530	5750	3900
	m	1,00	2,55	4,31	6,08
HB280 E4	kg	24070*	9325	5470	3685
	m	1,00	2,55	4,40	6,17
HB280 E5	kg	23630*	9175	5275	3545
	m	1,00	2,55	4,48	6,25
HB280 E6	kg	23600*	9125	5210	3470
	m	1,00	2,55	4,54	6,31
HB280 E3 Jib 3	kg				
	m				
HB280 E4 Jib 3	kg				
	m				

*) Theoretical lifting capacity

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- 33 Valencia Way, Maddington, WA 6109

LAS

Liftrud Articulating System

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



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EES Extra Extension Speed

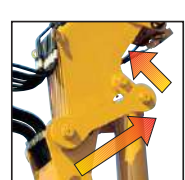
A special regenerative valve re-uses oil during extension, ensuring an incredibly high speed without compromising the safe operation of the crane.

SDS Smooth Descent System

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

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.



HB230 E1	kg	20660*	9620	4765	3370
	m	1,00	2,10	4,26	6,13
HB230 E2	kg	19980*	9415	4665	3260
	m	1,00	2,10	4,26	6,13
HB230 E3	kg	19200*	9140	4530	3095
	m	1,00	2,10	4,26	6,13
HB230 E4	kg	18670*	8935	4430	2995
	m	1,00	2,10	4,26	6,13
HB230 E5	kg	18420*	8720	4235	2820
	m	1,00	2,10	4,35	6,22
HB230 E6	kg	18030*	8525	4080	2700
	m	1,00	2,10	4,42	6,30
HB230 E5 Jib 2	kg				
	m				
HB250 E1	kg	25070*	9580	5830	4065
	m	1,00	2,55	4,30	6,07
HB250 E2	kg	24670*	9480	5725	3980
	m	1,00	2,55	4,31	6,08
HB250 E3	kg	24030*	9275	5675	3740
	m	1,00	2,55	4,31	6,08
HB250 E4	kg	23390*	9070	5515	3535
	m	1,00	2,55	4,40	6,17
HB250 E5	kg	22890*	8970	5110	3390
	m	1,00	2,55	4,48	6,25
HB250 E6	kg	22860*	8950	5035	3320
	m	1,00	2,55	4,54	6,31
HB250 E3 Jib 3	kg				
	m				
HB250 E4 Jib 3	kg				
	m				
HB280 E1	kg	25820*	9785	6095	4245
	m	1,00	2,55	4,30	6,07
HB280 E2	kg	25430*	9685	5900	4095
	m	1,00	2,55	4,31	6,08
HB280 E3	kg	24780*	9530	5750	3900
	m	1,00	2,55	4,31	6,08
HB280 E4	kg	24070*	9325	5470	3685
	m	1,00	2,55	4,40	6,17
HB280 E5	kg	23630*	9175	5275	3545
	m	1,00	2,55	4,48	6,25
HB280 E6	kg	23600*	9125	5210	3470
	m	1,00	2,55	4,54	6,31
HB280 E3 Jib 3	kg				
	m				
HB280 E4 Jib 3	kg				
	m				

HB230 E1	kg	20660*	9620	4765	33
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HYVA[®] CRANE HB SERIES

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	SEWING ANGLE	SEWING TIME	MAX WORKING HEEL	WORKING PRESSURE	CRANE WEIGHT WITHOUT STABILIZERS	OIL TANK CAPACITY	OIL FLOW	DIMENSIONS	
	tm	m	°	°/180°	°	bar	kg	l	l/min	mm B x b x S	
HB31 E1	2,61	6,98	370	10	4	175	395	25	8	1860x1590x490	
HB31 E2	-	8,32	370	10	4	175	430	25	8	1920x1590x490	
HB31 E3	-	9,66	370	10	4	175	460	25	8	2000x1590x490	
HB40 E1	4,06	7,75	370	15	3	215	515	30	16	1966x1780x560	
HB40 E2	-	9,14	370	15	3	215	550	30	16	1966x1780x560	
HB40 E3	-	10,51	370	15	3	215	600	30	16	2025x1780x670	
HB50 E1	4,7	7,75	370	15	3	250	515	30	16	1966x1780x560	
HB50 E2	-	9,14	370	15	3	250	550	30	16	1966x1780x560	
HB50 E3	-	10,51	370	15	3	250	600	30	16	2025x1780x670	
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	
HB70 E1	7,20	8,50	400	15	4	265	820	35	20	2310x1980x600	
HB70 E2	-	10,20	400	15	4	265	900	35	20	2310x1980x600	
HB70 E3	-	11,70	400	15	4	265	960	35	20	2310x1980x600	
HB70 E4	-	13,30	400	15	4	265	1020	35	20	2310x1980x600	
HB80 E1	7,90	8,50	400	15	4	285	850	35	20	2310x1980x600	
HB80 E2	-	10,20	400	15	4	285	930	35	20	2310x1980x600	
HB80 E3	-	11,70	400	15	4	285	990	35	20	2310x1980x600	
HB80 E4	-	13,30	400	15	4	285	1050	35	20	2310x1980x600	
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	
HYD. MAN.											
HB120 E1	11,9	9,6	-	380	17	4	310	1285	100	25	2460x2340x855
HB120 E2	-	11,5	17,6	380	17	4	310	1415	100	25	2460x2340x855
HB120 E3	-	13,5	19,6	380	17	4	310	1535	100	25	2470x2340x855
HB120 E4	-	15,5	19,6	380	17	4	310	1635	100	25	2485x2340x855
HB120 E5	-	17,6	19,6	380	17	4	310	1705	100	25	2500x2340x910
HB120 E3 J2	-	18,8	20,4	380	17	4	290	1835	100	25	2490x2340x1030
HB150 E1	14,0	9,6	-	380	17	4	290	1470	100	25	2460x2340x855
HB150 E2	-	11,5	17,6	380	17	4	290	1600	100	25	2460x2340x855
HB150 E3	-	13,5	19,6	380	17	4	290	1720	100	25	2460x2340x855
HB150 E4	-	15,5	19,6	380	17	4	290	1820	100	25	2485x2340x855
HB150 E5	-	17,6	19,6	380	17	4	290	1900	100	25	2500x2340x910
HB150 E3 J2	-	18,8	20,4	380	17	4	270	2030	100	25	2490x2340x1030
HB170 E1	15,8	9,9	-	390	17	4	310	1770	130	32	2480x2295x970
HB170 E2	-	11,8	-	390	17	4	310	1910	130	32	2480x2295x970
HB170 E3	-	13,8	19,8	390	17	4	310	2030	130	32	2480x2295x1000
HB170 E4	-	15,7	22,0	390	17	4	310	2150	130	32	2480x2295x1000
HB170 E5	-	17,8	22,0	390	17	4	310	2260	130	32	2480x2295x1000
HB170 E6	-	19,8	22,0	390	17	4	310	2340	130	32	2495x2295x1000
HB170 E4 J2	-	21,2	22,8	390	17	4	310	2460	130	32	2480x2295x1120
HB200 E1	19,6	9,9	-	390	17	4	300	1860	130	40	2480x2295x970
HB200 E2	-	11,8	-	390	17	4	300	2010	130	40	2480x2295x970
HB200 E3	-	13,8	19,8	390	17	4	300	2150	130	40	2480x2295x1000
HB200 E4	-	15,7	22,0	390	17	4	300	2280	130	40	2480x2295x1000
HB200 E5	-	17,8	22,0	390	17	4	300	2380	130	40	2480x2295x1000
HB200 E6	-	19,8	22,0	390	17	4	300	2480	130	40	2495x2295x1000
HB200 E3 J2	-	23,3	24,8	390	17	4	300	2715	130	40	2480x2300x1120
HB230 E1	20,7	9,9	-	390	17	4	315	1890	130	40	2480x2295x970
HB230 E2	-	11,8	-	390	17	4	315	2040	130	40	2480x2295x970
HB230 E3	-	13,8	19,8	390	17	4	315	2180	130	40	2480x2295x1000
HB230 E4	-	15,7	22,0	390	17	4	315	2310	130	40	2480x2295x1000
HB230 E5	-	17,8	22,0	390	17	4	315	2410	130	40	2480x2295x1000
HB230 E6	-	19,8	22,0	390	17	4	315	2510	130	40	2495x2295x1000
HB230 E3 J2	-	23,3	24,8	390	17	4	315	2745	130	40	2480x2300x1120
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
HB280 E1	25,8	9,8	17,1	400	20	4	305	2830	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	-	22,2	23,8	400	25	4	295	3650	160	50	2500x2445x1300
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
HB700 E2	68,4	12,1	-	420	50	4	280	7450	280	80	2530x2450x1950
HB700 E4	-	16,0	-	420	50	4	280	8100	280	80	2530x2450x1950
HB700 E6	-	20,2	26,5	420	50	4	280	8700	280	80	2530x2450x2115
HB700 E8	-	24,2	31	420	50	4	280	9250	280	80	2530x2505x2135
HB700 E10	-	28,7	31	420	50	4	280	9650	280	80	2530x2635x2135

E = Number of hydraulic extensions - E3 = three extensions - J = Jib

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TRUCK MOUNTED CRANES

HB SERIES



HYVA[®] CRANE

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STANDARD

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- Sliding pads on telescopic extensions
- Self-lubricating bushings
- Fixed stabilizer cylinders (NO HB40-50)
- Manually opening and turning stabilizers (HB40-50)
- Hydraulic extendible stabilizers (HB170-200-230-250-280-460-700)
- Flanged valves
- Oil tank
- Swivel stabilizer foot
- Manually opening stabilizers (HB31-60-70-80-100-120-150)
- Fittings SAE-JIC
- Proportional inclination sensor on second boom (CE) (NO HB31-40-50-460-700)
- Proportional pressure transducer on main cylinder (CE or with radio remote control) (NO HB31-40-460-700)
- Light indicator for correct stabilizer stowing (CE) (NO HB460-700)
- 90%-100% light visible from all around the crane (2)
- Sensor for correct stowing of the crane (CE) (NO HB31-40-460-700)
- 2 planetary gear reduction motors (Only HB700)
- Top seat (Only HB700)
- Designed in accordance with: EN12999-DIN15018
- Fatigue test classification: B3
- Light indicator for correct manual stabilizer stowing (CE) (NO HB460-700)
- Mechanical rotation limitation (CE) (NO with H2XL System or HRCS) (3)

ACCESSORIES

- Cross controls (No with radio remote control) (HB120-150-170-200-230-250-280)
- Assembly kit
- Radio remote control (NO HB460-700)
- Manual extensions
- Supplementary elements activations (Not in all models' versions)
- Oil cooler (NO HB31-40-50)
- Winch
- Top seat (NO HB31-40-50-700)
- 3rd planetary gear reduction motor (Only HB700)
- Integral base (Only HB700)
- Manually turning stabilizers (NO HB40-50-460-700) (4)
- Hydraulic extendible stabilizers (HB100)
- Manually extra extendible stabilizers (HB31-40-60-70-80-100)
- Hydraulic extra extendible stabilizers (HB60-70-80-100-120-150-170-200-230-460)
- Hydraulic super-extra wide stabilizers (HB120-150)
- Manually super-extra wide stabilizers (HB40-50)
- Automatic and turning stabilizers (HB170-200-230-460-700)
- Extra cross beams
- Operator Full Protection (NO HB31-40-700)
- Green oil

- (1) NO HB31-40
HB50-60-70 (CE only)
HB80-100 (CE or with radio remote control)
- (2) HB80-100-120-150-170-200-230-250-280
(CE or with radio remote control)
HB50-60-70 (CE and with radio remote control)
HB31-40 (CE and with load limiting device)
- (3) NO HB460-700
(4) HB170-200-230-250-280 (NO CE only)



HYVA[®] CRANE

HB SERIES