



HB SERIES

DIESEL TELESCOPIC BOOM LIFT

Work height: 16-63m

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ISO45001:2018



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.

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■ The machine has the function of automatic walking, and can walk at fast and slow speeds in different working states. When working at heights, only one person can operate the machine to continuously complete actions such as ascending and descending, forward, backward, turning, and rotating. Compared with traditional hydraulic platforms, it greatly improves work efficiency, reduces the number of operators and labor intensity.



■ It can adapt to specific working environments, that is, it can work in damp, corrosive, dusty, high-temperature and low-temperature conditions.



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DIESEL TELESCOPIC BOOM LIFT

THE MAGIC OF GREAT HEIGHTS
SAFETY, PERFORMANCE AND VERSATILITY

Technical data

Parameter	HB16DH	HB20DH	HB22DH	HB24DH	HB29DH	HB30DH
Maximum Working Height (m)	16	20	22	24.1	28.9	30
Maximum Platform Height (m)	14	18	20	22.1	26.9	28
Maximum Working Radius (m)	12.6	15	17	17	18.5	20.6
Load Capacity (Restricted Radius) (kg)	-	480	-	480	480	480
Load Capacity (Non-Restricted) (kg)	300	300	300	300	300	300
Length When Retracted (m)	8.55	9.07	9.91	10.52	10.76	12.79
Width (m)	2.28	2.38	2.49	2.49	2.5	2.58
Height When Retracted (m)	2.63	2.58	2.8	2.8	3.12	2.87
Wheelbase (m)	-	2.4	3	3	2.5	3
Ground Clearance (m)	0.43	0.43	0.4	0.4	0.4	0.43
Platform Size (m)	1.83-0.76-1.13	2.44-0.90	2.44-0.91	2.44-0.91	2.44-0.91	2.44-0.91
Inner Turning Radius (m)	-	2.6	3	3	2.1	3.59
Outer Turning Radius (m)	-	5.66	5.2	5.2	5.2	5.95
Travel Speed (Retracted) (km/h)	4.4	4.4	4.4	4.4	5	5
Travel Speed (Raised) (km/h)	0.8	1.1	1.1	1.1	1.1	1.1
Maximum Gradeability	0.45	0.4	0.4	0.4	0.4	0.45
Solid Tire Specification	33-12-20	33-12-20	36-14-20	36-14-20	36-14-20	385/65-22.5
Turntable Rotation Speed (rpm)	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8
Turntable Rotation	360°	360°	360°	360°	360°	360°
Platform Leveling	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Platform Rotation	±90°	±90°	±90°	±90°	±90°	±90°
Fuel Tank Capacity (L)	151	151	151	151	100	151
Total Weight (kg)	7500	9500	12200	13000	14000	16800
System Voltage (V)	12	12	12	12	12	12
Drive and Steering Type	-	4x4-2	4x4-2	4x4-2	4x4-2	4WD2WS
Engine	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
Engine Rated Power	36kw @ 2000rpm	36kw @ 2600rpm	36kw @ 2000rpm	36kw @ 2000rpm	36kw @ 2000rpm	36kw @ 2000rpm

Parameter	HB34DH	HB40DH	HB44DH	HB48DH	HB58DH	HB63DH
Maximum Working Height (m)	34	40.4	44	48	58	63
Maximum Platform Height (m)	32	38.4	42	46	56	61
Maximum Working Radius (m)	20	24	24	24	26	26
Load Capacity (Restricted Radius) (kg)	480	480	480	480	480	480
Load Capacity (Non-Restricted) (kg)	300	300	230	300	300	300
Length When Retracted (m)	12.6	14.1	13	13.66	14.9	14.85
Width (m)	2.58	4.1 / 2.49	4.1 / 2.49	4.1 / 2.5	2.49 / 5.1	2.49 / 5.1
Height When Retracted (m)	2.95	3.08	3.1	3.14	3.15	3.4
Wheelbase (m)	3	3.96	3.96	3.96	5.6	5.6
Ground Clearance (m)	0.43	0.28	0.28	0.4	0.38	0.38
Platform Size (m)	2.44-0.91	2.44-0.91	2.44-0.91	2.44-0.91	2.44-0.91	2.44-0.91
Inner Turning Radius (m)	3.59	3.83 / 2.69	4.14 / 3.13	4.14 / 3.13	7.6 / 2.69	7.6 / 2.69
Outer Turning Radius (m)	5.95	6.24 / 6.5	7.02 / 6.5	7.02 / 6.5	10 / 7.07	10 / 7.07
Travel Speed (Retracted) (km/h)	5	5	4.4	4.4	4.4	4.4
Travel Speed (Raised) (km/h)	1.1	1.1	1.1	1.1	1.1	1.1
Maximum Gradeability	24° (45%)	0.45	0.45	0.4	21.8° (40%)	21.8° (40%)
Solid Tire Specification	385/65-22.5	385/65-22.5	445/65-24	445/65-24	445/65-24	445/65-24
Turntable Rotation Speed (rpm)	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8
Turntable Rotation	360°	360°	360°	360°	360°	360°
Platform Leveling	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Platform Rotation	±90°	±90°	±90°	±90°	±90°	±90°
Fuel Tank Capacity (L)	150	150	150	150	200	200
Total Weight (kg)	19500	21800	24600	23110	27500	29500
System Voltage (V)	12	12	12	12	24	24
Drive and Steering Type	4x4-2	4WD4WS	4WD4WS	4WD4WS	4x4-4	4x4-4
Engine	Yanmar	Yanmar	Yanmar	Yanmar	Cummins	Cummins
Engine Rated Power	36kw @ 2000rpm	53.7KW2100rpm	53.7KW2100rpm	53.7KW2100rpm	81KW2500rpm	81KW2500rpm