

BAUMANN HX 30 - 50

Diesel and LPG

3 - 5 t Load Capacity



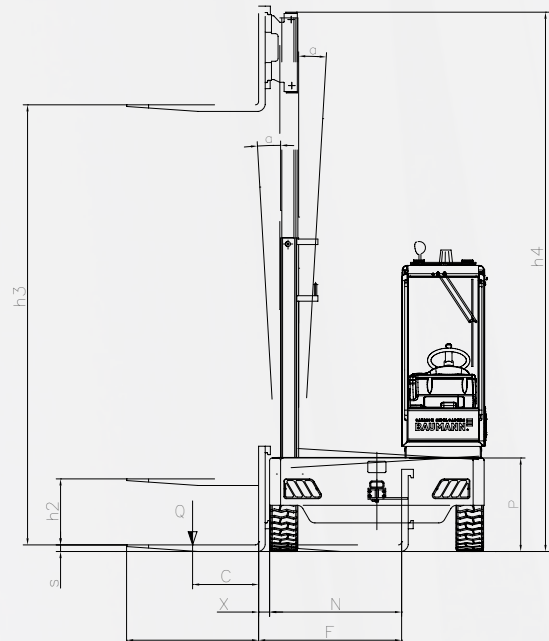
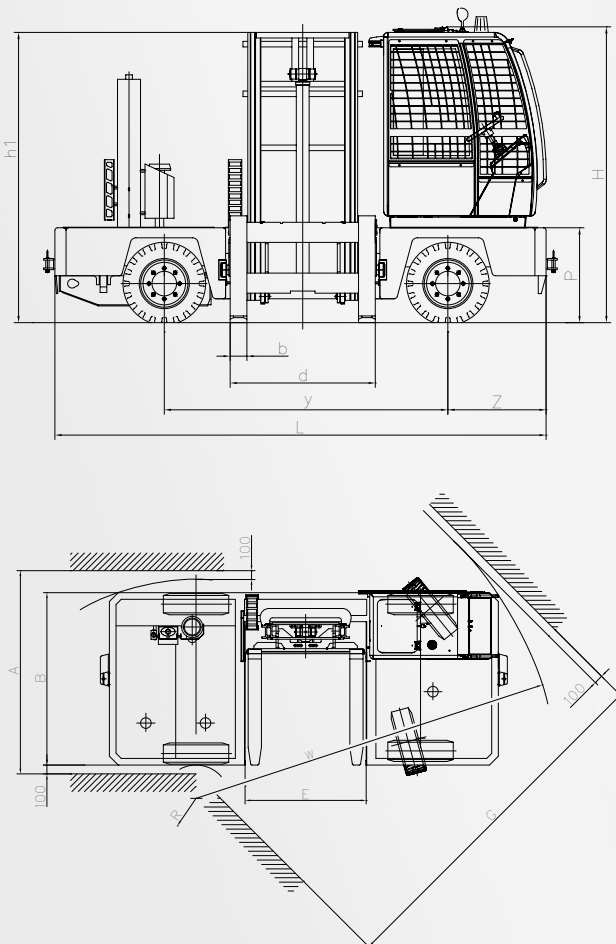
CAVAION SIDELOADERS
BAUMANN®

TYPE		Serie HX 30		Serie HX 40		Serie HX 50	
Technical Data							
Lifting capacity	Q	Kg	3000	4000	5000		
Load center	C	mm	600/700	600/700	600/700		
Fork length	l	mm	1200/1400	1200/1400	1200/1400		
Fork width	b	mm	150	150	150/180		
Fork thickness	s	mm	50	50	60/50		
Drive			Diesel	Diesel	Diesel		
Type of steering			Hydrostatic				
Type of tyres			Pneumatic tyres				
Dimensions							
Total length	L	mm	4100	4100	4400		
Total width	B	mm	1950/2150	1950/2150	1950/2150		
Overall height mast lowered	h1	mm	2850	2850	2850		
Overall height mast extended	h4	mm	4880	4880	4880		
Cabine height	H	mm	2450	2450	2630		
Lift height	h3	mm	4000	4000	4000		
Free lift	h2	mm	600	600	600		
Tilting up / down		°	1200+4.5-3.5/1400+3.5-3.0			±3.5/±3.0	
Platform height	P	mm	870	870	880 about		
Platform width	N	mm	1200/1400	1200/1400	1200/1400		
Lateral movement	F	mm	1300/1500	1300/1500	1300/1500		
Load spacing max.	x	mm	100	100	100		
Framework cut	E	mm	1370	1370	1370		
Fork spacing max.	d	mm	1300	1300	1300		
Turning radius inner	R	mm	386	386	385		
Turning radius outer	W	mm	1200=3892/1400=4016			4147/4272	
Aisle width	A	mm	1200=2301/1400=2498			2297/2500	
Aisle width for 90° Turning	G	mm	1200=3790/1400=3913			4038/4195	
Performance							
Travel with/without load		Km/h	20/22	20/22	19/22		
Lifting with/without load		m/s	0.4/0.45	0.4/0.45	0.4/0.45		
Lowering with/without load		m/s	0.4/0.35	0.4/0.35	0.4/0.35		
Traverse with/without load		m/s	0.3	0.3	0.3		
Tractive power		kN	17	17	31		
Gradeability		%	15	15	15/21		
Weights							
Weight of truck		Kg	5800	6850	7600		
Axle load front		Kg	4255	5322	6186 about.		
Axle load rear		Kg	4545	5528	6414 about		
Chassis							
Tyres front / rear			2/2	2/2	2/2		
Tyres size front / rear		Inch	27 x 10-12	27 x 10-12	250-15		
Tyres outside diameter		mm	690	690	735		
Wheel base	Y	mm	2520	2520	2520		
Track front	Sp1	mm	1200=1615/1400=1815			1650/1850	
Track rear	Sp2	mm	1200=1635/1400=1835			1680/1880	
Ground clearance	below rear axle	mm	120	120	120		
	below mast	mm	200	200	200		
Service brake	hydraulic		Front				
Parking brake	hydraulic		Drive Wheels				
Drive							
Diesel engine manufacturer			VM Detroit	VM Detroit	VM Detroit		
			754 E3	754 E3	754 E3		
Type		KW	53 kW / 2300rpm	53 kW / 2300rpm	53 kW / 2300rpm		
Power		HP	72	72	72		
Speed		n/min	2300	2300	2300		
Cylinder / displacement		x/cm³	4/3100	4/3100	4/3100		
Transmission			Direct				
Gearbox			Hydrostatic				
Battery		V/Ah	12V 100Ah 640A	12V 100Ah 640A	12V 100Ah 640A		

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A low platform height is a key benefit of the 3-5 tonne compact machines enabling operators easy access to the cab and, if needed, platform areas. Powerful engines and responsive handling are also inherent qualities of this popular range. With all BAUMANN products a comprehensive range of options are available to complement a generous standard specification.

HX 30 - 50	Lift height h3 mm	Lowered h1 mm	Extended h4 mm	Free lift h2 mm
Duplex-standardmast ST	3300	2500	4180	600
	4000	2850	4880	600
	4500	3100	5380	600
	5000	3350	5880	600
	5500	3600	6380	600
	6000	3850	6880	600
Duplex-special free lift mast SFH	3300	2500	4180	1620
	4000	2850	4880	1970
	4500	3100	5380	2220
	5000	3350	5880	2470
	5500	3600	6380	2720
	6000	3850	6880	2970
Triplex-free lift mast TR	4500	2350	5380	1470
	5100	2550	5980	1670
	5400	2650	6280	1770
	5700	2750	6580	1870
	6000	2850	6880	1970
	6300	2950	7180	2070
	6600	3050	7480	2170
	6900	3150	7780	2270
	7200	3250	8080	2370



BAUMANN SIDELOADERS – THE ORIGINAL SIDELOADER FROM CAVAION

For over 40 years, the BAUMANN name has been synonymous with production of high quality, high specification sideloaders. The Company adopts a policy of continuous improvement and embraces new technology as and when it comes available to the benefit of our customers and distribution partners. The extended BAUMANN network



of distributors and service partners have been specifically selected for their professionalism and adoption of the consultative approach taken centrally by the BAUMANN Company.



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