

Type		Serie EHX 30		Serie EHX 40		Serie EHX 50			
Technical Data	Lifting capacity	Q	Kg	3000		4000		5000	
	Load center	C	mm	600/700		600/700		600/700	
	Fork lenght	l	mm	1200/1400		1200/1400		1200/1400	
	Fork width	b	mm	150		150		150	
	Fork thickness	s	mm	50		60		60	
	Drive			Elektro		Elektro		Elektro	
Type of steering			Hydrostatic						
Type of tyres			Luftbereifung / Pneumatic tyres						
Dimensions	Total lenght	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	2630		2630		2630	
	Lift height	h3	mm	4000		4000		4000	
	Free lift	h2	mm	600		600		600	
	Neigung auf/ab		°	1200+4.5-3.5/1400+3.5-3.0				1200±3.45/1400±2.83	
	Platform height	P	mm	830		830		850	
	Platform width	N	mm	1200/1400		1200/1400		1200/1400	
	Ausfahrweg seitlich	F	mm	1300/1500		1300/1500		100/1500	
	Lastabstand max.	x	mm	100		100		100	
	Rahmeneinschnitt	E	mm	1370		1370		1370	
	Fork spacing max	d	mm	1300		1300		1300	
	Turning radius inner	R	mm	386		386		365	
	Turning radius outer	W	mm	1200=3892/1400=4016				1200=4156/1400=4272	
Aisle width	A	mm	1200=2301/1400=2498				1200=2312/1400=2500		
Aisle width for 90° Turning	G	mm	1200=3790/1400=3913				1200=4069/1400=4185		
Performance	Travel with/without load		Km/h	15/18		15/18		15/18	
	Lifting with/without load		m/s	0.34/0.45		0.34/0.45		0.32/0.43	
	Lowering with/without load		m/s	0.39/0.35		0.39/0.35		0.38/0.34	
	Traverse with/without load		m/s	0,28		0,28		0,25	
	Tractive power		kN	17		17		22	
	Gradeability		%	15		15		16	
Weights	Weight of truck		Kg	5700 ca.		6750 ca.		8800 ca.	
	Axle load front		Kg	4294		5294		6724	
	Axle load rear		Kg	4416		5456		7076	
Chassis	Tyres front/rear			2/2		2/2		2/2	
	Tyres size front/rear		Zoll	27 X 10-12		27 X 10-12		250-15	
	Tyres outside diameter		mm	690		690		735	
	Wheel base	Y	mm	2520		2520		2540	
	Track front	Sp1	mm	1200=1615/1400=1815				1200=1625/1400=1825	
	Track rear	Sp2	mm	1200=1635/1400=1835				1200=1645/1400=1845	
	Ground clearance		mm	200		200		200	
	Service brake	hydraulic		Front					
Parking brake	hydraulic		Antriebsräder / Drive wheels						
Drive	Batterie typ	EPZS	Tension 80V	4EPzS 5EPzS 5EPzS 7EPzS				6EPzS 7EPzS	
	Batterie capacity		A	460 575		690 805		690 840	
	drive motor	Number		2 x 7.5 kW		2 x 7.5 kW		2 x 7.5 kW	
	Gearchanging	Switch	Hand	Hand		Hand		Hand	
	Gear levels	Fw/Rv		Stufenlos / Direct					
	Controlller	Mosfet	Inverter	AC		AC		AC	
Lift motor			17 kW		17 kW		22 kW S2 30min		

	EHX 30 - 50	lift height	Overall height	Overall height	Free lift
		h3 mm	h1 mm	h4 mm	h2 mm
Duplex- standard mast 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	

