

EMS II Specifications

English

		EMS 110			EMS 130			EMS 150					
02	Manufacturer	Baumann											
03	Rated Capacity	G pounds			11,000			13,200			15,400		
04	at Load Center	c inches			24	27.5	31.5	24	27.5	31.5	24	27.5	31.5
05	Platform Widths	N inches			48	55	63	48	55	63	48	55	63
06	Standard Lift Height	h3 inches			157			157			157		
07	Overall Collapsed Height	h1 inches			116			116			119		
08	Overall Extended Height	h4 inches			195			195			200		
09	Freelift	h5 inches			26			26			26		
10	Total Mast Travel	F inches			52	59	67	52	59	67	52	59	67
11	Standard Length	l inches			47.3	55	63	47.3	55	63	47.3	55	63
12	Standard Width	b inches			6	8		8			8		
13	Standard Thickness at Heel	s inches			2.4			2.4			2.6		
14	Outside Fork Spacing, max.	d inches			16 to 56			16 to 56			16 to 56		
15	Total Length, L/LK	L inches			117/129			117/129			117/129		
16	Total Width	B inches			82.7	90.6	98.5	82.7	90.6	98.5	86.7	94.5	102.4
17	Frame Cut-out (Well)	E inches			63			63			63		
18	Platform Height	P inches			17.75			17.75			17.75		
19	Platform Tilt, forward/back	a inches			+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2
20	Height of Cab	H inches			97			97			97		
21	Turning Radius, truck empty	W inches			80	82	84	80	82	84	81	83	85
22	Working Aisle Width, unguided	A1 inches			94	102	110	94	102	110	98	106	114
23	Working Aisle Width, guided	A2 inches			87	95	104	87	95	104	91	99	107
24	90° Cross Aisle Width, empty	G inches			168	172	176	168	172	176	170	174	179
25	Weight, empty, incl. batteries	pounds			16,500	16,900	17,300	17,050	17,300	17,900	17,700	18,200	18,600
26	Drive Wheels (2), diameter x width	inches			16 x 7.5	16 x 7.5	16 x 7.5	16 x 7.5	16 x 7.5	16 x 7.5	16 x 7.5	16 x 7.5	16 x 7.5
27	Load Wheels (8), diameter x width	inches			11.2 x 3	11.2 x 3	11.2 x 3	11.2 x 3	11.2 x 3	11.2 x 3	11.2 x 3	11.2 x 3	11.2 x 3
28	Wheel Base	Y inches			96.3			96.3			96.3		
29	Track Width	Sp inches			62.6	70.5	78.4	62.6	70.5	78.4	66.5	74.4	82.3
30	Service Brake	Hydraulic and Plugging											
31	Parking Brake System	X - Position											
32	Ground Clearance below Mast	inches			4			4			4		
Performance													
33	Travel Speed, laden/empty	mph			4.5/5.5			4.5/5.5			4.5/5.5		
34	Lift Speed, laden/empty	ft./min			30/45			30/45			30/45		
35	Lowering Speed, laden/empty	ft./min			80/60			80/60			80/60		
36	Mast Traverse Speed	ft./min			40/50			40/50			40/50		
37	Max. Gradient, laden/empty	%			10/18			10/18			10/18		
Motors, Electronic, Transmission													
38	Traction Motors (2)	HP			2 x 8.2			2 x 8.2			2 x 8.2		
39	Pump Motor	HP			22.5			22.5			22.5		
40	Traction and Pump Controls				Sevcon MOSFET			Sevcon MOSFET			Sevcon MOSFET		
41	Steer Computer				Mobil Electronic			Mobil Electronic			Mobil Electronic		
43	Transmissions (2)				Hurth Planetary			Hurth Planetary			Hurth Planetary		
Wide Carriage, optional													
44	Reduced Capacity to	pounds			10,000			12,200			14,400		
45	Reduced Usable Platform Width	inches			39	47	55	39	47	55	39	47	55
46	Fork Spread Manuell, or Hydraulic	max/min			136/22			136/22			136/22		
47	Turnintg Radius, empty	inches			84	85	87	84	85	87	84	86	89
Guide Rollers, optional													
48	Guide Rollers (4), on eccentric shafts	inches			8 x 3			8 x 3			8 x 3		

Specifications subject to change at manufacturer's discretion

