

MAX 1L



samag

Characteristics	Maker	Firm	SAMAG		
	Model	Name	MAX 1L H1200	MAX 1LH1800	
	Capacity	Q = Load maximum	t.	1	
	Load centre	c = Load centre distance	mm.	600	
	Traction	Battery, Diesel, Gas, Electric	BATTERY		
	Steering	Tiller, operator standing / seated	OPERATOR STANDING		
	Tyres	V = Solid, L = Pneumatic front drive/rear load	V / V		
	Wheels (X = driving)	Quantity front/rear	1X / 2		
Dimensions	Lift height	h3 = Total lift	mm.	1760	2355
		h2 = Standard free lift	mm.	800	
		h8 = Total lift	mm.	960	1555
	Forks	s - e - l	mm.	55 - 160 - 800 / 1200	
		L2 = Length including fork support	mm.	1730	
	Overall dimensions	B = Total width	mm.	950	
		h1 = Height of closed mast	mm.	1450	2300
		h4 = Height of extended mast	mm.	3855	
		h6 = Height above roof	mm.	2300	
		h9 = Height operator's foot	mm.	1195	1790
		h12 = Picking height	mm.	2795	3390
	Turning radius	Wa	mm.	1589	
Load position	X from middle front axes	mm.	165		
Aisle width	Ast	mm.	(see table)		
Aisle width	Ast3	mm.	(see table)		
Performance	Speed	Movement with/without load	Km/h	7,8 / 9	
		Lift with/without load	m/s	0,12 / 0,15	0,13 / 0,18
		Lowering with/without load	m/s	0,27 / 0,17	0,27 / 0,20
	Gradeability	With/without load	%	0	
Max gradeability	With/without load	%	5 / 10		
Acceleration	For movement with/without load	m/s ²	0,22 / 0,28		
Weights	Weight	Including battery	Kg.	1810	1870
	Axle load	With load front/rear	Kg.	440 / 2465	435 / 2530
		Without load front/rear	Kg.	1075 / 735	1075 / 795
Traction	Wheels	Quantity front/rear	1 / 2		
		Front dimensions	mm.	Ø 310 x 100	
	Wheel base	Rear dimensions	mm.	Ø 200 x 105	
		Y	mm.	1285	
	Wheel track	At tyre centres front/rear	mm.	0 / 820	
	Space	With load m1 at lowest point	mm.	30	
		With load m2 at centre of wheel base	mm.	65	
	Service brake	Mechanical/hydraulic/electric/pneumatic	Electric		
	Parking brake	With foot/hand/dead man	Dead man		
	Controls	Battery	DIN	NO	
Tension/capacity with 5 hrs. of discharge			V/Ah	24 / 400 - 24 / 600	
Weight			Kg.	380 - 495	
Electric motor		Traction motor power (KB 60 min.)	Kw	1,5	
		Lift motor power with 15%	Kw	2,5	
		Steering motor	Kw	0,7	
Transmission		Type	Electronic		
Drive unit		Type	Helicoidal gears		
Work pressure	Maximum pressure	bar	95	118	
Noise level	Average noise level of human hearing	dB (A)	< 70		



DIMENSIONS OF WORKING AND FRONT HEAD AISLES

Pallet	d	B = 950								
		800	1000	1200	800	1000	1200	800	1000	1200
	b	800	800	800	1000	1000	1000	1200	1200	1200
Ast		1150	1200	1400	1150	1200	1400	1150	1200	1400
Ast3		2835	2880	2930	3025	3060	3100	3215	3250	3280
Turn 90°		1825	1865	1960	1920	1955	2045	2015	2050	2135

Ast, Ast3 and 90° turn includes "a" (manoeuvre space) = 200 mm.

