

PEDESTRIAN ELECTRIC MONO-MAST PALLET STACKER

MSB12EM

1.2 tonnes



COST EFFICIENT STORAGE

Designed for use in a wide variety of short lift height, light duty applications, our Mono-Mast Pallet Stackers always give a clear view forward. With the centrally installed open mono-mast, excellent visibility is assured.

The creep speed button ensures high maneuverability in confined areas when operating at low speeds with the tiller in the upright position.

As standard the truck is equipped with Initial Lift, meaning that two pallets can be lifted and transported simultaneously.

KEY FEATURES

- 1,200 kg load capacity
- Different lifting heights depending on model up to 1.95 m
- Low maintenance AC drive motor
- Low maintenance gel battery 105Ah
- Battery level indicator and operating hours meter (BDI)
- Curtis controller
- Ergonomic and durable Curtis tiller-handle for maximum operator comfort
- Initial Lift included
- Built-in charger
- Compact design



INITIAL LIFT AS STANDARD

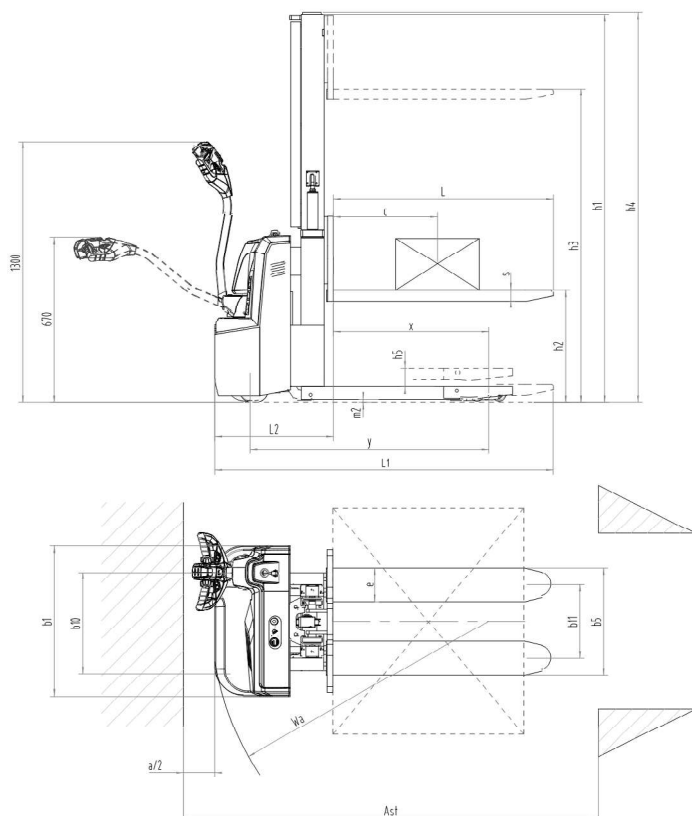


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VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS			
1.1	Manufacturer		LM
1.2	Manufacturer's model designation		MSB12EM-1.6, 1.95M
1.3	Power source: (battery, diesel, LP gas, petrol)		Electric (battery)
1.4	Operator type: pedestrian, (operator)-standing, -seated		Pedestrian
1.5	Load capacity	Q (kg)	1200
1.6	Load center distance	c (mm)	600
1.8	Load wheel axle to fork face (forks lowered)	x (mm)	812
1.9	Wheelbase	y (mm)	1272
WEIGHT			
2.1	Truck weight with load, with maximum battery weight	kg	
2.2	Axle loadings with nominal load & maximum battery weight, drive/load side	kg	
2.3	Axle loadings without load & with maximum battery weight, drive/load side	kg	
WHEELS, DRIVE TRAIN			
3.1	Tyres: PT=PowerThane, Vul=Vulkollan, drive/load side		PU/PU
3.2	Tyre dimensions, drive side	(mm)	195X70
3.3	Tyre dimensions, load side	(mm)	80X70
3.4	Castor wheel dimensions (diameter x width)	(mm)	150X60
3.5	Number of wheels, load/drive side (x=driven)	(mm)	1X+1/4
3.6	Track width (center of tyres), drive side	b10 (mm)	523
3.7	Track width (center of tyres), load side	b11 (mm)	390
DIMENSIONS			
4.2	Height with mast lowered	h1 (mm)	2050/2400
4.4	Lift height	h3 (mm)	1600/1950
4.5	Height with mast extended	h4 (mm)	2060/2410
4.6	Initial lift	h5 (mm)	120
4.15	Fork height, fully lowered	h13 (mm)	90
4.19	Overall length	l1 (mm)	1690/1770
4.2	Length to fork face	l2 (mm)	619
4.21	Overall width	b1 (mm)	800
4.22	Fork dimensions (thickness, width, length)	s / e / l (mm)	60/180/1070(1150)
4.25	Overall width of forks	b5 (mm)	570
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2 (mm)	17 - 137
4.33	Working aisle width (Ast) with 1000 x1200 mm pallets, load crosswise, platform up/down	Ast (mm)	2286
4.34	Working aisle width (Ast) with 800 x1200 mm pallets, load lengthwise, platform up/down	Ast (mm)	2224
4.35	Turning radius	Wa (mm)	1450
PERFORMANCE			
5.1	Travel speed, with/without load	km/h	4.5/5
5.2	Lifting speed, with/without load	m/s	0.06/0.13
5.3	Lowering speed, with/without load	m/s	0.13/0.10
5.8	Gradeability, with/without load	%	6/15
5.10	Service brake		ELECTRO MAGNETIC
ELECTRIC MOTORS			
6.1	Drive motor capacity (60 min, short duty)	kW	0,65
6.2	Lift motor output at 15% duty factor	kW	2,2
6.4	Battery voltage/capacity at 5-hour discharge	V /Ah	24v 105/120 (optional)
6.5	Battery weight	kg	60,8
	Battery dimension (LXWXH)	(mm)	329X172X214
MISCELLANEOUS			
8.4	Level of noise at the ear level of the driver according to EN 12053	dB(A)	70

Continuing improvement may lead to changes in these specifications



$Ast = Wa - x + l6 + 200$
 $Ast =$ Working aisle width
 $Wa =$ Turning radius
 $a =$ Safety clearance = 2 x 100 mm
 $R = \sqrt{(l6 + x)^2 + (b12 / 2)^2}$
 $l6 =$ Pallet length (800 or 1000 mm)
 $b12 =$ Pallet width (1200 mm)