PEDESTRIAN ELECTRIC TELESCOPIC-MAST PALLET STACKER

MSB12ES

1.2 tonnes

i-ion OPTIONAL

MAKING LIGHT WORK OF PALLET HANDLING

Designed for use in a wide variety of light duty applications, where greater lift height is required, our pallet stackers make light work of your warehouse tasks.

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

Equipped as standard 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 3.0 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

AC

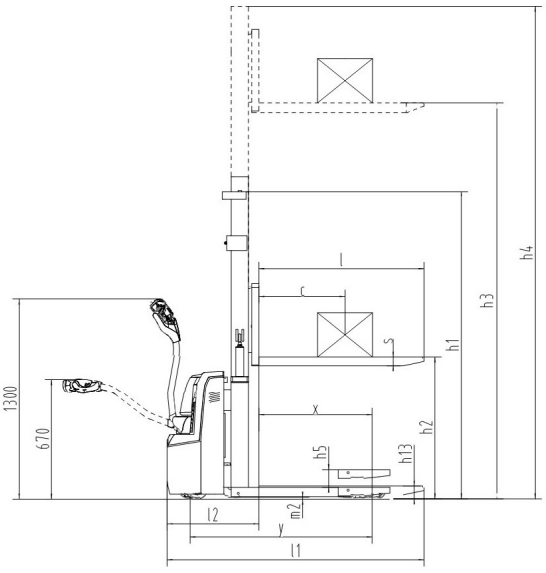
PEDESTRIAN ELECTRIC TELESCOPIC-MAST PALLET STACKER MSB12ES 1.2 tonnes

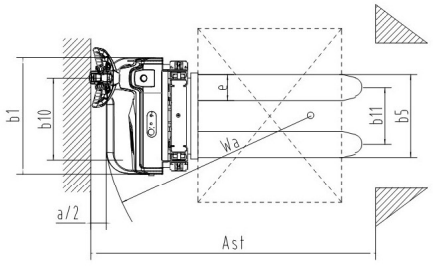
VDI - PERFORMANCE & DIMENSIONS

	CHARACTERISTICS			
1.1	Manufacturer			L'M
1.2	Manufacturer's model designation			MSB12ES, 1.6, 2.5, 3.0M
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)	788
1.9	Wheelbase	y	(mm)	1268
	WEIGHT			
2.1	Truck weight with load, with maximum battery weight		kg	710
2.2	Axle loadings with nominal load & maximum battery weight, drive/load side		kg	710/1000
2.3	Axle loadings without load & with maximum battery weight, drive/load side		kg	220/490
	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			
4.1	Height with mast lowered	h1	(mm)	2122/1872/2122
4.2	Lift height	h3	(mm)	1600/2500/3000
4.3	Height with mast extended	h4	(mm)	2122/3092/3592
4.4	Initial lift	h5	(mm)	120
4.5	Fork height, fully lowered	h13	(mm)	90
4.6	Overall length	l1	(mm)	1709(1789)
4.7	Length to fork face	l2	(mm)	639
4.8	Overall width	b1	(mm)	800
4.9	Fork dimensions (thickness, width, length)	s / e / l	(mm)	60/180/1070(1150)
4.10	Overall width of forks	b5	(mm)	570
4.11	Ground clearance at center of wheelbase, (forks lowered)	m2	(mm)	17 ~ 137
4.12	Working aisle width (Ast) with 1000 x1200 mm pallets, load crosswise, platform up/down	Ast	(mm)	2286
4.13	Working aisle width (Ast) with 800 x1200 mm pallets, load lengthwise, platform up/down	Ast	(mm)	2224
4.14	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
6.3	Battery voltage/capacity at 5-hour discharge		V /Ah	24/105
6.4	Battery weight		kg	60.8
6.5	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

CE





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)