



ELECTRIC PALLET STACKER MR15X

CAPACITY 1.5 tonne | SERIES 1166

FEATURES

- Offers a 1.5 tonne lifting capacities, ideal for light to medium-duty warehouse tasks.
- Features a pantograph reach mechanism for improved reach and space efficiency.
- Includes a battery discharge indicator and hour meter to support fleet management.
- Integrates automatic speed reduction to enhance operator safety during turns.
- Reaches lift heights of up to 5.5 meters, suitable for standard racking applications.

STANDARD EQUIPMENT

- Electronic steering
- Pantograph reach mechanism
- AC maintenance-free drive motor
- Display with hourmeter
- Electromagnetic brake
- Lithium battery and charger
- Plexiglass operator protection
- Rubber skirt foot protection

OPTIONAL EQUIPMENT

- Fork lengths and widths
- Cold store protection
- Weight scale
- Customisable straddle leg widths

TECHNICAL DATA

ACCORDING TO VDI 2198

Characteristics	1.1	Manufacturer		LINDE
	1.2	Model designation		MR15X
	1.3	Drive		Electric
	1.4	Operator type		Pedestrian
	1.5	Load capacity	kg	1360
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, axle centre to fork face	x (mm)	409
	1.9	Wheelbase	y (mm)	1395
	Weight	2.1	Service weight	(kg)
2.2		Axle load with load, front / rear	(kg)	1330/650
2.3		Axle load, fork advanced (retracted), laden front / rear	(kg)	550/3140 (1220/2380)
Wheels and types	3.1	Tyres rubber, SE, pneumatic, polyurethane		Polyurethane
	3.2	Tyre size, front		260 x 105
	3.3	Tyre size, rear		102 x 73
	3.4	Wheels, number front / rear (x = drive wheels)		1x / 4
	3.5	Tread width, rear		
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	b_{10} (mm)	960
	4.2	Height of mast, retracted	b_{11} (mm)	3/3
	4.3	Free lift	h_1 (mm)	2100
	4.4	Lift height	h_2 (mm)	160
	4.5	Height of mast, extended	h_3 (mm)	3200
	4.10	Height of wheel arms	h_4 (mm)	4134
	4.19	Overall length	h_5 (mm)	135
	4.20	Length to fork face	l_1 (mm)	2251
	4.21	Overall width	l_2 (mm)	1181
	4.22	Fork dimensions	b_1/b_2 (mm)	1060
	4.23	A, B Fork carriage class/type A,B	s / e / l (mm)	40 x 100 x 1070
	4.24	Width of fork carriage		2A
	4.25	Fork spread	b_3 (mm)	800
	4.26	Distance between wheel arms / loading surfaces	b_5 (mm)	200 / 710
	4.28	Reach distance	b_4 (mm)	860
	4.31	Ground clearance, laden, below mast	m_2 (mm)	590
	4.32	Ground clearance, center of wheelbase	A_{st} (mm)	70
	4.34.1	Aisle width for pallets 1000 x 1200 crossways	A_{st} (mm)	90
	4.34.2	Aisle width for pallets 800 x 1200 lengthways	A_{st} (mm)	2643
	4.35	Turning radius	A_{st} (mm)	2690
4.37	Length across wheel arms	W_a (mm)	1590	
Performance	5.1	Travel speed, with / without load	W_a (mm)	1710
	5.2	Lifting speed, with / without load	(km/h)	5.5/6
	5.3	Lowering speed, with/without load	(m/s)	0.145 / 0.17
	5.4	Reaching speed, with/without load	(m/s)	0.25 / 0.15
	5.8	Max. gradeability, with/without load	(m/s)	0.08 / 0.08
	5.10	Service brake	%	6/10
	5.11	Parking brake		Electromagnetic
Electric Engine	6.1	Drive motor rating S2 60 min		Electromagnetic
	6.2	Lift motor rating at S3 15 %	(kW)	3.3
	6.4	Battery voltage / nominal capacity	(kW)	4
	6.5	Battery weight	(V) / (Ah)	24/280
	6.5	Battery weight	kg	230
Drive/lift mechanism	8.1	Type of drive unit		AC
	10.5	Steering design		Electronic
	10.5	Sound pressure level at the driver's ear	(dB(A))	74
	10.7	Charger output current	A)	30

