



XP15MM 

1200kg Stacking Mover across
factory and warehouse

- Mature XP15 +a Mono-mast
- 1-meter lift height allows interaction with production line or rollerbed
- 2D visual navigation system
- Stand alone machine: easy and fast robot set-up
- Route settings and transportation task monitoring via user-friendly APP
- Sushi-Bar, Bus-Stop or Taxi routes modes available
- Co-bot: Automatic manual drive
- Removable Li-ion batteries for 24/7 operation

REDDOT EQUIPMENT LIMITED
www.reddotequipment.com

*Electric
Stacker*



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Distinguishing mark	1.1	Manufacturer			REDDOT
	1.2	Model designation			XP15MM
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity	Q	kg	1200
	1.6	Load center distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	980
	1.9	Wheelbase	y	mm	1322
Service weight	2.1	Service weight		kg	516
	2.2	Axle loading, laden front/rear		kg	700/925
	2.3	Axle loading, unladen front/rear		kg	385/140
Dimensions	4.4	Lift height	h3	mm	1000
	4.15	Lowered height	h13	mm	90
	4.19	Overall length	l1	mm	1945
	4.2	Length to face of forks	l2	mm	723
	4.21	Overall width	b1/b2	mm	842
	4.22	Fork dimensions	s/e/l	mm	55/170/1070
	4.25	Width over the forks	b5	mm	540/600
	4.32	Ground clearance, center of wheelbase		mm	25
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2410
	4.35	Turning radius	Wa	mm	1666
Performance data	5.1	Travel speed, laden/unladen		m/s	1/1.5
	5.2	Lifting speed, laden/unladen		m/s	0.06/0.1
	5.3	Lowering speed, laden/unladen		m/s	0.11/0.1
	5.8	Max. gradeability, laden/unladen		%	4/8
	5.10	Service brake			Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	0.9
	6.2	Lift motor rating at S3 15%		kW	0.8
	6.4	Battery voltage/nominal capacity		V/Ah	24/60
	6.5	Battery weight		kg	14
Addition data	8.1	Type of drive control			AC
	10.5	Steering design			Electric
	10.7	Sound pressure level at the driver's ear		dB(A)	<70
	10.11	Indoor/Outdoor			Indoor
	10.12	Safety notification			Horn
					Bumper
	10.13	Safety protection			Lidar
					Emergency stop button
	10.14	Positioning			2D visual navigation
	10.15	Parking accuracy		mm	±20
	10.16	Navigation accuracy		mm	±20
	10.17	Battery type			Li-ion battery

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

