

PS15-MXK - Electric Walkie Straddle Stacker



Advantages: PS15-MXK

- STRUCTURAL AND SAFETY:**
- Advanced AC control system intelligitized regenerative brake system.
 - Multi-function display with BDI and hour meter.
 - Emergency reversing device.
 - Auto deceleration system utilizes regenerative braking.
 - Built-in pressure relief valve protects the trucks from overloads.
 - Emergency power disconnect switch.
 - Stepless speed control.
 - With lifting limit switch to shut off pump motor at top max. lifting height.
 - Small turning radius standing drive motor system, water-proof and dust-proof motor structure.

- SERVICEABILITY:**
- Technology reduces wiring complexity.
 - Side-way battery with roll-out system, convenient for replacement.

General Information	1.2	Manufacturer's type designation		PS15-MXK
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian
	1.5	Rated capacity/rated load	Q (kg)	1500
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	677
Weight	1.9	Wheelbase	y (mm)	1420
	2.1	Service weight	kg	1040/1160/1170/1200/1375/1410/1450
	2.2	Axle loading, laden front/rear	kg	1408/1250
Tyres	2.3	Axle loading, unladen front/rear	kg	827/333
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane
	3.2	Tyre size, front		Φ250x70
	3.3	Tyre size, rear		Φ80x84
	3.4	Additional wheels (dimensions)		Φ150x60
	3.5	Wheels, number front/rear (x = driven wheels)		1x+1/4
	3.6	Tread, front	b10 (mm)	520
Dimensions	3.7	Tread, rear	b11 (mm)	1040/1430
	4.2	Height, mast lowered	h1 (mm)	1805/2055/2205/2305/2120/2280/2480
	4.3	Free lift	h2 (mm)	1300/1550/1700/1800/1570/1740/1940
	4.4	Max. lift height	h3 (mm)	2500/3000/3300/3500/4500/5000/5600
	4.5	Height, mast extended	h4 (mm)	3025/3525/3825/4025/5080/5560/6160
	4.9	Height drawbar in driving position min./max.	h14 (mm)	670/1300
	4.10	Height of wheel arms	h8 (mm)	86
	4.15	Height, lowered	h13 (mm)	70
	4.19	Overall length	l1 (mm)	1980(2060)
	4.20	Length to face of forks	l2 (mm)	915
	4.21	Overall width	b1/b2 (mm)	1170/1560
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	35/100/1070(1150)
	4.25	Fork spread	b5 (mm)	200-800
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	35
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2480
Performance Data	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2465
	4.35	Turning radius	Wa (mm)	1610
	5.1	Travel speed, laden/unladen	km/h	5.8/6.0
	5.2	Lift speed, laden/unladen	m/s	0.11/0.16
Motors	5.3	Lowering speed, laden/unladen	m/s	0.14/0.19
	5.8	Max. gradeability, laden/unladen	%	8/15
	5.10	Service brake		Electromagnetic
	6.1	Drive motor rating S2 60 min	kW	1.2(AC)
Additional Data	6.2	Lift motor rating at S3 15%	kW	3
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/240
	6.5	Battery weight	kg	220
Additional Data	10.7	Sound pressure level at the driver's seat	dB (A)	70

