

## Model: PS15-M2X

Walkie type electric stacker provides a cost effective solution for applications involving medium lifting storage and short distance pallets transportation.



Conforms to EN ISO3691-1  
EN1175  
EN16307-1  
Based on Directive 2006/42/EC  
Conform to EN Standard 12895  
Based on directive: 2014/30/EU (EMC)



AC

\* Photo shown with the lifting (option)

### Advantages:

#### STRUCTURAL AND SAFETY:

- Advanced AC control system Intelligentized regenerative brake system.
- Multi-function display with BDI and hour meter etc.
- Emergency reversing device.
- Auto deceleration system utilizes regenerative braking.
- Built-in pressure relief valve protects the trucks from overloads.
- Emergency power disconnect .
- Stepless speed control.
- With lifting limit switch to shut off pump motor at the max. lifting height.
- Vertical drive motor has a small turning radius. The motor structure is water-proof and dust-proof.

#### SERVICEABILITY:

- CANbus technology reduces wiring complexity and increase reliability.
- Advanced AC control system with brushless motor.
- Auto deceleration system utilises regenerative braking.
- Side-way battery with roll-out system is very convenient for replacement.

#### OPTIMUM STRUCTURAL DESIGN:

- Low barycenter ensures the stable operation.
- Vertical driving wheel ensures convenient maintenance and small turning radius. Water-proof and dust-proof motor structure, keeps the braking and motor more durable and reliable.
- Full free lifting, fit for customer site height restrictions. (Applicable to 4.5M/5M/5.6M masts only)



Mast



Vertical Drive Wheel



Centralized tiller for one-hand operation handle

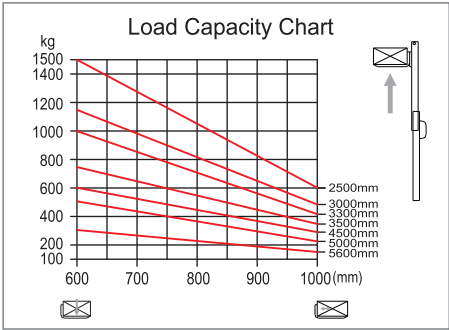


Frei tiller head with one side lifting button (option)

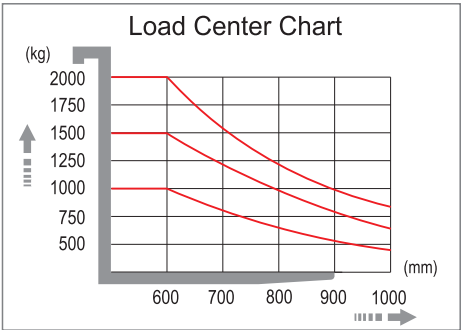
# Electric Walkie Stacker



Model	Remarks
PS15-M2X	Light duty type




PS15-M2X



1KG=2.205LB 1INCH=25.40MM

General Information	1.2	Manufacturer's type designation		PS15-M2X	PS15-M2X
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian	Pedestrian
	1.5	Rated capacity/rated load	Q (kg)	1500	1500
	1.6	Load centre distance	c (mm)	600	600
Weight	1.8	Load distance, centre of drive axle to fork	x (mm)	697	770
	1.9	Wheelbase	y (mm)	1410	1383
	2.1	Service weight	kg	760/810/835/860	1185/1205/1225
Tyres	2.2	Axle loading, laden front/rear	kg	1280/1070	1280/1070
	2.3	Axle loading, unladen front/rear	kg	650/200	650/200
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane
	3.2	Tyre size, front		Φ250x70	Φ250x70
	3.3	Tyre size, rear		Φ80x70	Φ80x70
	3.4	Additional wheels (dimensions)		Φ150x60	Φ150x60
	3.5	Wheels, number front/rear (× = driven wheels)		1x+ 1/4	1x+ 1/4
Dimensions	3.6	Tread, front	b10 (mm)	520	520
	3.7	Tread, rear	b11 (mm)	400/525	400/525
	4.2	Height, mast lowered	h1 (mm)	2087/1837/2087/2237	2054/2214/2414
	4.3	Free lift	h2 (mm)	N/A	1570/1740/1940
	4.4	Max. lift height	h3 (mm)	1600/2500/3000/3300	4500/5000/5600
	4.5	Height, mast extended	h4 (mm)	2087/3087/3587/3887	5030/5510/6110
	4.9	Height drawbar in driving position min./max.	h14 (mm)	670/1300	670/1300
	4.10	Height of wheel arms	h8 (mm)	81	81
	4.15	Height, lowered	h13 (mm)	90	90
	4.19	Overall length	l1 (mm)	1948(2028)	1975(2055)
	4.20	Length to face of forks	l2 (mm)	878	905
	4.21	Overall width	b1/b2 (mm)	820	820
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	60/170/1070(1150)	60/170/1070(1150)
	4.25	Fork spread	b5 (mm)	570/695	570/695
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	26	26
Performance Data	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2480	2480
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2450	2450
	4.35	Turning radius	Wa (mm)	1605	1575
	5.1	Travel speed, laden/unladen	km/h	5.8/6.0	5.8/6.0
	5.2	Lift speed, laden/unladen	m/s	0.09/0.16	0.09/0.16
Motors	5.3	Lowering speed, laden/unladen	m/s	0.15/0.16	0.15/0.16
	5.8	Max. gradeability, laden/unladen	%	6/15	6/15
	5.10	Service brake		Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min	kW	1.2(AC)	1.2(AC)
	6.2	Lift motor rating at S3 15%	kW	2.2	2.2
Additional Data	6.4	Battery voltage/nominal capacity K5	(V)/(Ah)or kWh	24/200	24/200
	6.5	Battery weight	kg	160	160
	10.7	Sound pressure level at the driver's seat	dB (A)	70	70

\* Option:  Lithium battery 125AH (Charger 24V/50A)  
Lithium battery 230AH (Charger 24V/100A)

