

CL1230JY / ELECTRIC STACKER (PEDESTRIAN)

Electric Power. 1.2 t, 3000 mm Lift.

“Pedestrian electric stacker with a permanent magnet drive, side drive layout and adjustable support legs.”



COMPACT TURNING

1340 mm
Min. Turning Radius

Aisle, 1000 × 1200 across	2210 mm
Aisle, 800 × 1200 along	2180 mm
Overall length	1784 mm

4 Key Specifications

Rated Capacity 1.2 t (Load centre 600 mm)	Lift Height 3000 mm (Mast extended 3549 mm)	Travel Speed 4.0/4.2 km/h (Laden / unladen)	Service Weight 630 kg (With battery)
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14 Product Features

01 Reinforced Mast Ribs between inner and outer masts stop forward tilt under load, improving stability.	02 Permanent Magnet Drive Permanent magnet motor system: small size, light weight, low loss, high efficiency.	03 Waterproof Micro Switch German waterproof micro switch suits cold, humid, dusty, harsh conditions.	04 Integrated Controls Key switch and power meter are integrated on the handle for easier operation.
05 LED Battery Display Green, yellow and red LEDs show the remaining battery power at a glance.	06 Air Pressure Spring High-quality air spring on the handle resets it slowly when released.	07 Accurate Speed Control Added speed control on the handle for more accurate speed control.	08 Dual-Side Lift Buttons Up and down buttons on both sides of the handle for convenient operation.
09 Powerful Lift Pump High-power, high-performance lift pump; lifting is balanced and powerful.	10 Ergonomic Handle Extended handle for walking operation, in line with ergonomic principles.	11 Side Drive Design Reduces operating channel and turn radius, gives better vision for narrow spaces.	12 Light Vehicle Lighter whole vehicle consumes less power: more energy saving and eco-friendly.
13 Tool-Free Battery Change Maintenance-free battery can be swapped without extra tools, more convenient.	14 Adjustable Leg Width Support leg width can be adjusted to adapt to various working conditions.		

Technical Data

1 Characteristics

1.01	Model		CL1230JY
1.02	Power unit		Electric
1.03	Operation		Pedestrian
1.04	Rated load capacity	Q (t)	1.2
1.05	Load centre	c (mm)	600
1.06	Axle centre to fork face	x (mm)	698
1.07	Wheel base	y (mm)	1170
1.08	Service weight with battery	kg	630

2 Wheels / Tyres

2.01	Wheels type		PU
2.02	Driving wheel size	$\Phi \times w$ (mm)	$\Phi 210 \times 75$
2.03	Bearing wheel size	$\Phi \times w$ (mm)	$\Phi 80 \times 70$
2.04	Additional wheels (dimensions)	$\Phi \times w$ (mm)	$\Phi 150 \times 58$
2.05	Wheels, number front/rear (x = driven)		1x+1/4
2.06	Track width, drive end	b10 (mm)	465
2.07	Track width, load end	b11 (mm)	1024–1424

3 Dimensions

3.01	Height of mast, lowered	h1 (mm)	2080
3.02	Free lift	h2 (mm)	0
3.03	Lift	h3 (mm)	3000
3.04	Height of mast, extended	h4 (mm)	3549
3.05	Inside width between fixed legs	h11 (mm)	900–1300
3.06	Single fixed leg width	h12 (mm)	124
3.07	Overall height (with handle), min./max.	h14 (mm)	870/1200
3.08	Lowered fork height	h13 (mm)	65
3.09	Overall length	l1 (mm)	1784
3.10	Length to fork face	l2 (mm)	634
3.11	Overall width	b1/ b2 (mm)	1148–1548
3.12	Fork dimensions	s/e/l (mm)	35/100/1150
3.13	Width of forks	b5 (mm)	210–850
3.14	Min. ground clearance	m2 (mm)	26
3.15	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)	2210
3.16	Aisle width, pallet 800 × 1200 along forks	Ast (mm)	2180
3.17	Min. turning radius	Wa (mm)	1340

4 Performance

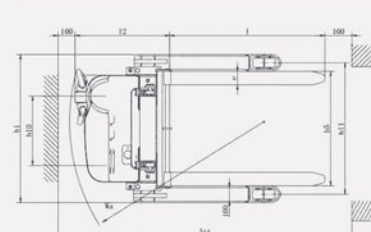
4.01	Travel speed, laden/unladen	(km/h)	4.0/4.2
4.02	Lifting speed, with/without load	(mm/s)	95/140
4.03	Lowering speed, with/without load	(mm/s)	100/90
4.04	Max. climbing ability, with/without load	(‰)	3/8
4.05	Service brake		Electromagnetic

5 Motor / Battery

5.01	Drive motor, 60 minute rating	(kW)	0.75
5.02	Lift motor rating at S3 15%	(kW)	2.2
5.03	Battery voltage / rated capacity	(V/Ah)	2 × 12/100
5.04	Battery weight (± 5%)	(kg)	2 × 27

6 Other

6.01	Type of drive control		DC
6.02	Noise level at operator's ear	(dB(A))	≤ 70
6.03	Type of steering		Mechanical



Dimension Drawings

Symbols correspond to the units column above.