

CL1516E / CL1526E / CL1532E / CL1536E · ELECTRIC STACKER (STANDING ON)

Electric Stacker.

1.5 t, Lifts to 3600 mm.

"Permanent magnet motor drive, built-in charger and a compact body suited to narrow, small warehouses."



COMPACT TURNING

1570 mm
Min. Turning Radius

Aisle, 1000 × 1200 across forks	2410 mm
Aisle, 800 × 1200 along forks	2430 mm
Overall width	808 mm

4 Key Specifications

Rated Capacity	Lift Height	Travel Speed	Battery
1.5 t (Load centre 600 mm)	1600-3600 mm (Model dependent)	4.2/4.5 km/h (Laden/unladen)	2 × 12/120 V/Ah (Maintenance-free)

6 Product Features

01 Permanent Magnet Motor

Permanent magnet motor drive system: small, light, low loss, high efficiency.

02 Built-in Charger

Built-in charger provides convenience for customers.

03 Wide Operator Vision

Single chain and narrow door frame give wide vision; operation is safe.

04 Powerful Lift Pump

High power, reliable lifting pump gives balanced, powerful cargo lifting.

05 Maintenance-free Batteries

Batteries can be replaced without other tools, which is more convenient.

06 Compact Body

Compact vehicle with smaller aisle width, suitable for narrow small warehouses.

Technical Data

1 Characteristics

		CL1516E	CL1526E	CL1532E	CL1536E
1.01	Model				
1.02	Power unit			Electric	
1.03	Operation			Standing on	
1.04	Rated load capacity			1.5	
1.05	Load centre			600	
1.06	Axle centre to fork face			695	
1.07	Wheelbase			1148	
1.08	Service weight with battery	620	685	715	735

2 Wheels / Tyres

2.01	Wheel type			Polyurethane (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)		$\Phi 115 \times 55$	
2.05	Wheels, number front/rear (x = driven)			1x, 2/4	
2.06	Track width, drive end	b10 (mm)		646	
2.07	Track width, load end	b11 (mm)		410/535	

3 Dimensions

3.01	Height of mast, lowered	h1 (mm)	2006	1786	2086	2286
3.02	Lift	h3 (mm)	1600	2600	3200	3600
3.03	Height of mast, extended	h4 (mm)	2015	3043	3643	4043
3.04	Overall height (with handle), min/max	h14 (mm)			1040/1415	
3.05	Lowered fork height	h13 (mm)			86	
3.06	Overall length	l1 (mm)			1930	
3.07	Length to fork face	l2 (mm)			780	
3.08	Overall width	b1/b2 (mm)			808	
3.09	Fork dimensions	s/e/l (mm)			60/160/1150	
3.10	Width over forks	b5 (mm)			570/695	
3.11	Min. ground clearance	m2 (mm)			26	
3.12	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)			2410	
3.13	Aisle width, pallet 800 × 1200 along forks	Ast (mm)			2430	
3.14	Min. turning radius	Wa (mm)			1570	

4 Performance

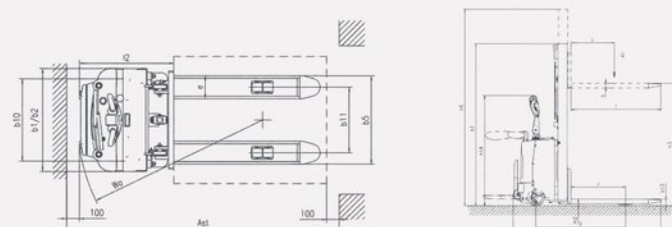
4.01	Travel speed, laden/unladen	(km/h)			4.2/4.5	
4.02	Lifting speed, with/without load	(mm/s)			85/140	
4.03	Lowering speed, with/without load	(mm/s)			110/90	
4.04	Max. climbing ability, with/without load	(°/°)			3/6	
4.05	Service brake				Electromagnetic	

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 × 12/120	
5.04	Battery weight (± 5%)	(kg)			2 × 35	

6 Other

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



Dimension Drawings

Symbols correspond to the units column above.