

CL1016GA / CL1030GA / CL1616GA / CL1630GA / CL2016GA / CL2030GA ELECTRIC STACKER (STANDING ON)

Electric Stacker.

1.0 to 2.0 Tonnes.

“A standing-on electric stacker with an AC drive, MOSFET control, electronic power steering and a side-pull battery.”



COMPACT TURNING

1570 mm
Min. Turning Radius

Aisle, 1000 × 1200 across forks	2452 mm
Aisle, 800 × 1200 along forks	2432 mm
Overall length	2040 mm

4 Key Specifications

Rated Capacity 1.0–2.0 t (Load centre 600 mm)	Lift Height 1600–3000 mm (h3)	Travel Speed 5.2/5.5 km/h (Laden / unladen)	Battery 24/210 V/Ah (Side-pull battery)
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7 Product Features

- 01 **MOSFET Drive**

High-power MOSFET drive: efficient, quiet, stepless speed regulation, reverse braking.
- 02 **Vertical AC Drive**

Advanced vertical AC drive gives the motor more energy and braking torque, with better acceleration.
- 03 **Gantry Steel Mast**

Special gantry steel: good plasticity, strong anti-bending ability and high structural stability.
- 04 **Electric Power Steering**

Standard steering system; power assist is responsive and the handle is easy to operate.
- 05 **Low-Maintenance AC Motor**

Few components, no fragile parts needing regular replacement; almost maintenance-free and durable.
- 06 **Side-Pull Battery**

Side-pull battery makes replacement faster and easier for continuous operation.
- 07 **Lift Limit Protection**

At the top, uplink power is cut automatically for smooth stopping, preventing roof-falling accidents.

Technical Data

1 Characteristics

		CL1016GA	CL1030GA	CL1616GA	CL1630GA	CL2016GA	CL2030GA	
1.01	Model							
1.02	Power unit	Electric						
1.03	Operation	Standing on						
1.04	Rated load capacity	Q (kg)	1000		1600		2000	
1.05	Load centre	c (mm)			600			
1.06	Axle centre to fork face	x (mm)			673			
1.07	Wheel base	y (mm)			1332			
1.08	Service weight with battery	kg	920	1030	940	1065	960	1090

2 Wheels / Tyres

2.01	Wheels type	Polyurethane (PU)					
2.02	Driving wheel size	Φ × w (mm)	Φ250 × 75				
2.03	Bearing wheel size	Φ × w (mm)	Φ80 × 70				
2.04	Additional wheels (dimensions)	Φ × w (mm)	Φ115 × 55				
2.05	Wheels, number front/rear (x = driven)		1x+2/4				
2.06	Track width, drive end	b10 (mm)	580				
2.07	Track width, load end	b11 (mm)	515/390				

3 Dimensions

3.01	Height of mast, lowered	h1 (mm)	2049	1999	2049	1999	2049	1999
3.02	Free lift	h2 (mm)	166					
3.03	Lift	h3 (mm)	1600	3000	1600	3000	1600	3000
3.04	Height of mast, extended	h4 (mm)	2049	3408	2049	3408	2049	3408
3.05	Overall height at handle, min/max	h14 (mm)	1063/1440					
3.06	Lowered fork height	h13 (mm)	85					
3.07	Overall length	l1 (mm)	2040					
3.08	Length to fork face	l2 (mm)	890					
3.09	Overall width	b1/b2 (mm)	808					
3.10	Fork dimensions	s/c/l (mm)	60/180/1150					
3.11	Width of forks	b5 (mm)	570/695					
3.12	Min. ground clearance at wheelbase centre	m2 (mm)	24					
3.13	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)	2452					
3.14	Aisle width, pallet 800 × 1200 along forks	Ast (mm)	2432					
3.15	Min. turning radius	Wa (mm)	1570					

4 Performance

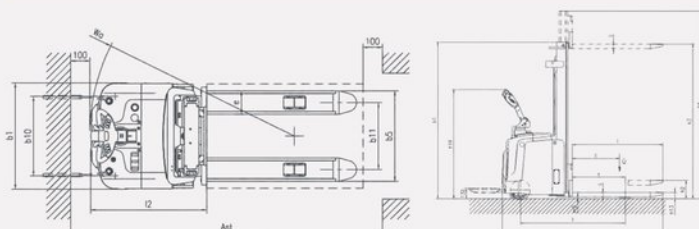
4.01	Travel speed, laden/unladen	(km/h)	5.2/5.5				
4.02	Lifting speed, with/without load	(mm/s)	95/130		80/130		70/130
4.03	Lowering speed, with/without load	(mm/s)	190/180		180/180		180/180
4.04	Max. climbing ability, with/without load	(%)	6/8				
4.05	Service brake		Electromagnetic				

5 Motor / Battery

5.01	Drive motor, 60 minute rating	(kW)	1.5		2.5		2.5
5.02	Lift motor rating at S3 15%	(kW)	3		3		3
5.03	Battery voltage / rated capacity	(V/Ah)	24/210				
5.04	Battery weight (± 5%)	(kg)	190				

6 Other

6.01	Type of drive control		AC speed control				
6.02	Noise level at operator's ear	(dB(A))	≤ 70				
6.03	Type of steering		Electric power assist				



Dimension Drawings

Symbols correspond to the units column above.