

CL2030GF · ELECTRIC STACKER (PEDESTRIAN)

Electric Power. 2.0 t, 3.0 m Lift.

“AC motor drive with ZF transmission, a handle with integrated controls, and side drive for small turning radius in narrow spaces.”



NARROW-SPACE READY

1550 mm
Min. Turning Radius

Aisle, 1000 × 1200 across forks	2435 mm
Aisle, 800 × 1200 along forks	2412 mm
Overall width	795 mm

4 Key Specifications

Rated Capacity 2.0 t (Load centre 600 mm)	Lift Height 3000 mm (Mast extended h3)	Travel Speed 4.0/4.2 km/h (Laden / unladen)	Battery 24/210 V/Ah (Drive motor 1.5 kW)
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6 Product Features

01 AC Motor and ZF Gearbox

Powerful AC motor and ZF transmission give superior acceleration and save energy.

04 Integrated Handle Controls

Key switch, battery meter, horn, up/down buttons and turtle speed switch are on the handle.

02 MOSFET Driver

High-power, high-frequency, efficient, quiet MOSFET driver with stepless speed and reverse braking.

05 Ergonomic Handle

Extended walking-type handle follows ergonomic principles for comfortable operation.

03 Thermal Protection

Improved temperature protection and compensation give thermal protection and stable output.

06 Side Drive Design

Reduces the working aisle; small turning radius and better view suit narrow spaces.

Technical Data

1 Characteristics

1.01	Model		CL2030GF
1.02	Power unit		Electric
1.03	Operation		Pedestrian
1.04	Rated load capacity	Q (kg)	2000
1.05	Load centre	c (mm)	600
1.06	Axle centre to fork face	x (mm)	672
1.07	Wheelbase	y (mm)	1384
1.08	Service weight with battery	kg	966

2 Wheels / Tyres

2.01	Wheel type		Polyurethane (PU)
2.02	Driving wheel size	$\Phi \times w$ (mm)	$\Phi 230 \times 75$
2.03	Load 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)	526
2.07	Track width, load end	b11 (mm)	390/515

3 Dimensions

3.01	Mast height, lowered	h1 (mm)	1991
3.02	Free lift	h2 (mm)	166
3.03	Lift height	h3 (mm)	3000
3.04	Max. mast height	h4 (mm)	3408
3.05	Handle height, min/max	h14 (mm)	870/1200
3.06	Lowered fork height	h13 (mm)	86
3.07	Overall length	l1 (mm)	2022
3.08	Length to fork face	l2 (mm)	872
3.09	Overall width	b1/b2 (mm)	795
3.10	Fork dimensions	s/c/l (mm)	60/180/1150
3.11	Width over forks	b5 (mm)	570/695
3.12	Ground clearance at wheelbase centre	m2 (mm)	26
3.13	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)	2435
3.14	Aisle width, pallet 800 × 1200 along forks	Ast (mm)	2412
3.15	Min. turning radius	Wa (mm)	1550

4 Performance

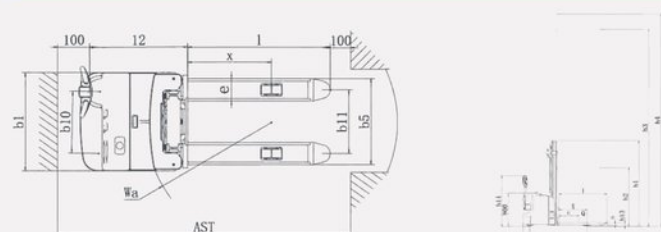
4.01	Travel speed, laden/unladen	km/h	4.0/4.2
4.02	Lifting speed, laden/unladen	mm/s	96/155
4.03	Lowering speed, laden/unladen	mm/s	94/109
4.04	Max. gradeability, laden/unladen	%	4/10
4.05	Service brake		Electromagnetic

5 Motor / Battery

5.01	Drive motor, 60 minute rating	kW	1.5
5.02	Lift motor rating at S3 15%	kW	3.0
5.03	Battery voltage / rated capacity	V/Ah	24/210
5.04	Battery weight (± 5%)	kg	195

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		Mechanical



Dimension Drawings

Symbols correspond to the units column above.