

CL1645QD / CL1655QD ELECTRIC STACKER (STANDING ON)

Electric Stacker. Stand On and Go.

“Standard electronic power steering, a floating drive bracket and protective arms on both sides of the driving position.”



COMPACT TURNING

1630 mm
Min. Turning Radius

Aisle, 1000 × 1200 across forks	2503 mm
Aisle, 800 × 1200 along forks	2480 mm
Overall width	1060 mm

4 Key Specifications

Rated Capacity 1.6 t (Load centre 600 mm)	Lift Height 4500-5500 mm (Mast h3)	Travel Speed 5.2/5.5 km/h (Laden / unladen)	Battery 24/240 V/Ah (Weight 240 kg)
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5 Product Features

01 Electronic Power Steering

Standard EPS: keen response, easy handle operation, lower operator effort, light at low speed, stable at high.

04 Floating Drive Bracket

Floating bracket at the drive centre keeps the truck stable and smooth when driving and turning.

02 High-Performance Battery

Good cycle performance and deep-discharge recovery, superior battery life and long service life.

05 Comfortable Pedal

64 butterfly springs absorb vibration and road impact; AC motor has few parts, near-zero maintenance.

03 Protective Side Arms

Protective arms on both sides of the driving position protect the operator.

Technical Data

1 Characteristics

		CL1645QD	CL1655QD
1.01	Model		
1.02	Power unit		Electric
1.03	Operation		Standing on
1.04	Rated load capacity	Q (kg)	1600
1.05	Load centre	c (mm)	600
1.06	Axle centre to fork face	x (mm)	675
1.07	Wheelbase	y (mm)	1320
1.08	Service weight with battery	kg	1305
			1370

2 Wheels / Tyres

2.01	Wheels type		Polyurethane (PU)
2.02	Driving wheel size	$\Phi \times w$ (mm)	$\Phi 250 \times 75$
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)		1, 4/2
2.06	Track width, drive end	b10 (mm)	828
2.07	Track width, bearing end	b11 (mm)	390/515

3 Dimensions

3.01	Lowest mast height	h1 (mm)	2054	2386
3.02	Free lift	h2 (mm)	1561	1894
3.03	Lift height	h3 (mm)	4500	5500
3.04	Maximum mast height	h4 (mm)	5060	6060
3.05	Overall height (with handle), min/max	h14 (mm)		1040/1415
3.06	Lowered fork height	h13 (mm)		86
3.07	Overall length	l1 (mm)		2085
3.08	Length to fork face	l2 (mm)		925
3.09	Overall width	b1/b2 (mm)		1060
3.10	Fork dimensions	s/c/l (mm)		60/180/1150
3.11	Width over forks	b5 (mm)		570/695
3.12	Min. ground clearance	m2 (mm)		26
3.13	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)		2503
3.14	Aisle width, pallet 800 × 1200 along forks	Ast (mm)		2480
3.15	Min. turning radius	Wa (mm)		1630

4 Performance

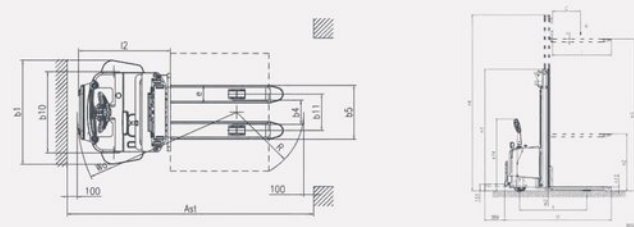
4.01	Travel speed, laden/unladen	(km/h)	5.2/5.5
4.02	Lifting speed, with/without load	(mm/s)	165/260
4.03	Lowering speed, with/without load	(mm/s)	205/195
4.04	Max. climbing ability, with/without load	(%)	6/8
4.05	Service brake		Electromagnetic

5 Drive / 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)	24/240
5.04	Battery weight ($\pm 5\%$)	(kg)	240

6 Other

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



Dimension Drawings

Symbols correspond to the units column above.