

CL1216C - CL1235C (6 MODELS) — ELECTRIC STACKER (PEDESTRIAN)

Pedestrian Stacker.

1.2 t, Lifts to 3.5 m.

“C- and H-type channel steel mast, double-lift pallet handling and an emergency reverse function for safer operation.”



COMPACT TURNING

1386 mm

Min. Turning Radius

Aisle, 1000 × 1200 across forks	2225 mm
Overall length	1745 mm
Overall width	795 mm

4 Key Specifications

Rated Capacity	Lift Height	Travel Speed	Battery
1.2 t	1600-3500 mm	4.0/4.2 km/h	2 × 12/100 V/Ah
(Load centre 600 mm)	(Model dependent)	(Laden / unladen)	(Voltage / capacity)

9 Product Features

01 C + H Channel Steel Mast C-type + H-type channel steel mast, high strength and safer.	02 Double-Lift Design Can carry two pallets at the same time, improving work efficiency.	03 Explosion-Proof Hydraulics Prevents the mast from falling quickly if the oil pipe ruptures, which is safer.
04 Protective Net Provides a wider field of view and safer operation.	05 Integrated Handle All function buttons within easy reach; simple structure, easy operation.	06 Emergency Reverse Protects the driver from being squeezed and makes operation safer.
07 Liftable Vehicle Legs Enhance passability and let the truck adapt to complex road conditions.	08 Emergency Stop Switch Cuts off the power in an emergency in case of an accident, making it safer.	09 Split Mask Main body parts can be inspected and repaired by removing part of the mask.

Technical Data

1 Characteristics

	Model	CL1216C	CL1220C	CL1225C	CL1230C	CL1233C	CL1235C	
1.01	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)	780					
1.07	Wheel base	y (mm)	1215					
1.08	Service weight with battery	kg	500	550	560	570	575	580

2 Wheels / Tyres

2.01	Wheels 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)	$\Phi 80 \times 60$				
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)	516				
2.07	Track width, load end	b11 (mm)	690/505				

3 Dimensions

3.01	Height of mast, lowered	h1 (mm)	2014	1548	1798	2048	2198	2298
3.02	Free lift	h2 (mm)				0		
3.03	Lift	h3 (mm)	1600	2000	2500	3000	3300	3500
3.04	Height of mast, extended	h4 (mm)	2014	2513	3013	3513	3813	4013
3.05	Outrigger lift height	h5 (mm)				115		
3.06	Overall height (with handle)	h14 (mm)				870/1200		
3.07	Lowered fork height	h13 (mm)				90		
3.08	Overall length	l1 (mm)				1745		
3.09	Length to fork face	l2 (mm)				595		
3.10	Overall width	b1/ b2 (mm)				795		
3.11	Fork dimensions	s/c/l (mm)				60/180/1150		
3.12	Width of forks	b5 (mm)				570/685		
3.13	Min. ground clearance at wheelbase centre	m2 (mm)				34		
3.14	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)				2225		
3.15	Aisle width, pallet 800 × 1200 along forks	Ast (mm)				2166		
3.16	Min. turning radius	Wa (mm)				1386		

4 Performance

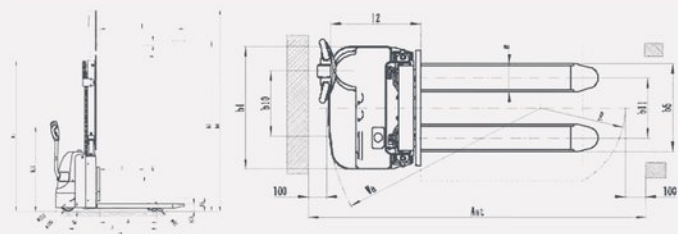
4.01	Travel speed, laden/unladen	(km/h)	4.0/4.2				
4.02	Lifting speed, with/without load	(mm/s)	95/140				
4.03	Lowering speed, with/without load	(mm/s)	100/90				
4.04	Maximum climbing ability, with/without load	(%)	3/10				
4.05	Service brake		Electromagnetic				

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 Others

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



Dimension Drawings

Symbols correspond to the units column above.