

3 Wheel Electric Forklift



Model: CPD15S-E AC

One Rear Driving Wheel

Conforms to
EN ISO3691-1
EN 1175-1
EN 16307-1
EN 12100-1



Advantages:

- Using Ruyi self developed rear wheel driven design, with stable quality, small turning radius, and very good pass through abilities.
- Rated capacity is 1500kg with side shift, all panels use steel plate with compact appearance and good durability.
- All panels and covers are made by steel, they are in good durability.
- With Sideway battery moving system, it is easy for battery changing.
- Two lifting cylinder on both side of mast, ensure good visibility and high stability.
- Using rubber wheel with good shock proof, low noise suitable for indoor and outdoor use on different ground.
- Rear driving system, smart design with small turning radius and goods pass through, have good performance.
- Use AC motor without brush, free of maintenance.
- High gradeability up to 10% with full laden.
- The electric brake is used as the parking brake, which is easy to operate and safe.
- Use hydraulic power steering is for light steering, have the function of steering priority.
- Have option of cold-storage, full AC control system.

MODEL		CPD15S-E
Drive		Rear Wheel Drive
Operation type		seated
Capacity/rated load	Q(kg)	1500
Load centre distance	c(mm)	500
Load distance, centre of drive axle to fork	x(mm)	170
Wheelbase	y(mm)	1348
Axle loading, laden front/rear	Kg	3280/710
Axle loading, unladen front/rear(with max battery)	Kg	975/1525
Tyre size, front	super elastic solid tires	305X140
Tyre size, rear	super elastic solid tires	285X160
Wheels, number front		2
Wheels, number rear		1
Tread, front	b_{10} (mm)	912
Tread, rear	b_{11} (mm)	0
Tilt of mast/fork carriage forward	°	2
Tilt of mast/fork carriage backward		5
Height, mast lowered	h_1 (mm)	1980(3m)
Free lift	h_2 (mm)	option
Lift height	h_3 (mm)	2500-5600
Height, mast extended	h_4 (mm)	3500-6600
Overall width	b_1 (mm)	1055
Fork thickness	s(mm)	35
Fork width	e(mm)	100
Fork length	l(mm)	950(1070)
Fork carriage din 1573, calss/type A,B		A
Fork-carriage width	b_2 (mm)	680
Ground clearance, laden, below mast	m_1 (mm)	68
Ground clearance, centre of wheelbase	m_2 (mm)	68
Aisle width for pallets 1000x1200 crossways	A_{st} (mm)	3050
Aisle width for pallets 800x1200 lengthways	A_{st} (mm)	3150
Turning radius	W_a (mm)	1550
Travel speed, laden/unladen	km/h	6.8/7
Lift speed, laden/unladen	mm/s	100/150
Climbing capacity, laden/unladen	%	10/10
System pressure	bar	140
Battery voltage	V	24
Battery capacity	Ah	320(400)
Battery weight	kg	300
Sound level at the driver's ear acc.to din 12053	Db(A)	68
Service weight (without battery)	Kg	2500

