

Tri-Lateral Stacker



Advantages:

SAFETY AND PRODUCTIVITY

- With full AC system and large-capacity battery, which can be used by two shifts in one charge.
- CAN BUS communication technology is adopted.
- Equipped with electric power steering (EPS) with the function of driving wheel automatic return.
- The Lateral fork can rotate left and right in 180 degrees .
- With central control instrument, which integrates operator's permission setting, running status display, operation control, fault display, multilingual interface, etc.
- AC motor regenerative braking, reverse braking, ramp anti-sliding, etc.
- Electromagnetic brake with short braking distance and no inertia impact, it is safe and reliable.

STRUCTURAL

- Integrated layout design of console, all operations can be completed by one hand.
- Seat with adjustable backrest angle, front and rear position and shock absorption function.
- The whole steering wheel can be telescopically adjusted.
- Handrails are designed on the left and right sides of the frame, convenient for operators to get on and off.
- The mast adopts the guiding structure design and the roof guard frame adopts a brand-new structure.

EASY MAINTENANCE

- One-piece upper cover with fully open housing, it is convenient to maintain.
- Sideway moving battery is easy for maintenance and replacement.

STANDARD

- Multi-way valve operating system
- EPS system
- Germany imports special mast
- Self-made reduction gearbox
- Finger-toggling operating switch
- Side-way battery
- Warning lights and headlights

OPTION

- Camera and display system



AC

Model:
OPD15Z

1KG=2.205LB 1INCH=25.40MM			
General Information	1.2	Manufacturer's type designation	OPD15Z
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated
	1.5	Rated capacity/rated load	Q (kg) 1500
Tyres	1.6	Load centre distance	c (mm) 600
	1.8	Load distance, centre of drive axle to fork	x (mm) 21
	1.9	Wheelbase	y (mm) 1595
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	PU
Tyres	3.2	Tyre size, front	125x82
	3.3	Tyre size, rear	343x140
	3.5	Wheels, number front/rear (x = driven wheels)	4+1x
	3.6	Tread, front	b10 (mm) 1312
Dimensions	4.2	Height, mast lowered	h1 (mm) 2635/2800/2965/3140/3305/3470/3630
	4.3	Free lift	h2 (mm) 1310/1475/1640/1805/1970/2135/2300
	4.4	Lift	h3 (mm) 4500/5000/5500/6000/6500/7000/7500
	4.5	Height, mast extended	h4 (mm) 5770/6270/6770/7270/7770/8270/8770
	4.7	Height of overhead guard (cabin)	h6 (mm) 2212
	4.8	Seat height relating to SIP/stand height	h7 (mm) 1100
	4.10	Height of wheel arms	h8 (mm) 130
	4.19	Overall length	l1 (mm) 2950
	4.20	Length to face of forks	l2 (mm) 2670
	4.21	Overall width	b1/b2 (mm) 1260/1534
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm) 45/125/1200
	4.23	Fork carriage ISO 2328, class/type A, B	2/A
	4.24	Fork-carriage width	b3 (mm) 880
	4.27	Width across guide rolls	b6 (mm) 1550
	4.29	Reach, lateral	b7 (mm) 1290
Performance Data	4.30	Reach, lateral from vehicle centreline	b8 (mm) 470
	4.32	Ground clearance, centre of wheelbase	m2 (mm) 50
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm) 1600
	4.35	Turning radius	Wa (mm) 1880
	4.38	Distance to swivelling-fork pivot	l8 (mm) 671
	5.1	Travel speed, laden/unladen	km/h 8/8.5
Motors	5.2	Lift speed, laden/unladen	mm/s 205/293
	5.3	Lowering speed, laden/unladen	mm/s 339/337
	5.4	Reaching speed, laden/unladen	mm/s 150/150
	5.10	Service brake	Electromagnetic
Additional Data	6.1	Drive motor rating S2 60 min	kW 6.5
	6.2	Lift motor rating at S3 15%	kW 8.2
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh 48/450
	6.5	Battery weight	kg 710
	10.7	Sound pressure level at the driver's seat	dB (A) 70

* Option: Lithium battery 48V/400AH(Charger48V/150A)

