Li-ion Powered Pallet Truck



Photo shown is CBD15-III/CBD20-III

Model:
CBD15
CBD20
CBD15-III
CBD20-III

Indoor using type Li-ion powered pallet truck , with similar size as manual pallet truck , offers small turning radius , it is super light and easy to operate .

Advantages:

Standard :
- Ruyi handle with bully switch.
- High quality emergency switch (as key switch).
- Split rocker arm makes the equable stress in order to keep the long-time using.
- Driving wheel with horizontal mounted motor, convenience to maintain.
- External battery charger connector, can be charged separately even the batteries were used out.
- Double fork rollers

Option :
- Drive wheel and Motor with back cover
- Entry roller
- Single fork rollers



Option for drive wheel with protection cover

1KG=2.205LB 1INCH=25.40MM

General Information	1.2	**Model**		**CBD15**	**CBD20**	**CBD15-III**	**CBD20-III**
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric	Electric	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian	Pedestrian	Walk-behind	Walk-behind
	1.5	**Rated capacity/rated load**	**Q (kg)**	**1500**	**2000**	**1500**	**2000**
	1.6	Load centre distance	c (mm)	600	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	951/1021	951/1021	951/1021	951/1021
	1.9	Wheelbase	y (mm)	1236/1306	1236/1306	1236/1306	1236/1306
Weight	2.1	Service weight	kg	114	120	114	120
	2.2	Axle loading, laden front/rear	kg	410/1204	538/1582	410/1204	538/1582
	2.3	Axle loading, unladen front/rear	kg	85/29	89/31	85/29	89/31
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane(PU)	Polyurethane(PU)	PU	PU
	3.2	Tyre size, front		Φ210x75	Φ210x75	Φ210X70	Φ210x70
	3.3	Tyre size, rear		Φ80x93/Φ80x70	Φ80x93/80x70	Φ80	Φ80x93/80x70
	3.5	Wheels, number front/rear (× = driven wheels)		1x2/(4)	1x/2(4)	1X/2(4)	1x/2(4)
	3.7	Tread, rear	b11 (mm)	390/525	390/525	390/525	390/525
Dimensions	4.4	Max. lift height	h3 (mm)	110	110	110	110
	4.9	Height drawbar in driving position min./max.	h14 (mm)	635/1200	635/1200	635/1200	635/1200
	4.15	Height, lowered	h13 (mm)	80	80	80	80
	4.19	Overall length	l1 (mm)	1580/1650	1580/1650	1580/1650	1580/1650
	4.20	Length to face of forks	l2 (mm)	430	430	430	430
	4.21	Overall width	b1/b2 (mm)	550/685	550/685	550/685	550/685
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	53/160/1150(1220)	53/160/1150(1220)	53/160/1150(1220)	53/160/1150(1220)
	4.25	Fork spread	b5 (mm)	550/685	550/685	550/685	550/685
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	27	27	27	27
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2180/2250	2180/2250	2180/2250	2180/2250
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2050/2085	2050/2085	2050/2085	2050/2085
	4.35	Turning radius	Wa (mm)	1380/1450	1380/1450	1380/1450	1380/1450
Performance Data	5.1	Travel speed, laden/unladen	km/h	4.3/4.5	4.3/4.5	4.2/4.3	4.2/4.3
	5.2	Lift speed, laden/unladen	m/s	0.016/0.02	0.016/0.02	0.016/0.02	0.016/0.02
	5.8	Max. gradeability, laden/unladen	%	5/20	5/20	8/20	8/20
	5.10	Service brake		Electromagnetic	Electromagnetic	EM brake	EM brake
Motors	6.1	Drive motor rating S2 60 min	kW	0.75	0.75	1	1
	6.2	Lift motor rating at S3 15%	kW	0.5	0.8	0.8	0.8
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/20	24/30	48V/10	48/15
	6.5	Battery weight	kg	4.5	6.5	120	6.5
Additional Data	10.7	Sound pressure level at the driver's seat	dB (A)	70	70	70	70

CBD15: option battery 24V/30Ah



CBD15/CBD20 with RUYI old handle



CBD15-III/CBD20-III handle with BDI



CBD15-III/CBD20-III Drive wheel and motor(standard)



Plug-in battery easy for charging and replacement

Charging Time
3HR

Working Time
3HR

Conform to
ISO3691-1 EN1175:2020
EN12053 EN16307-1
EN12100 EMC EN 12895



