

TRUCK FEATURES



STANDARD EQUIPMENT:

- BYD Iron-Phosphate Technology
- Battery 80V 270Ah (21.6 kWh)
- Single AC drive
- 4-way valve
- Mechanical lever
- TFT display
- Cornering speed reduction
- OPS (Operator Presence Sensor)
- Regenerative braking system
- Clear-view masts
- Charger 80V 100A
- Upgrade charging gun



OPTIONAL EQUIPMENT:

- 1-hour fast-charging solution
- Charger 80V 200A
- Battery 80V 420Ah/540Ah
- Synchronised steering control
- Blue light
- Panoramic mirror
- Rear working light
- LED lights
- Multiple masts variants



The BYD CPD30/35/38 is a highly developed forklift truck which boasts advanced features and extreme operational capability whilst minimising the effect on the environment thanks to its patented BYD Iron-Phosphate Battery Technology. The efficient, emission-free BYD CPD30/35/38 fits into BYD’s existing range to offer a powerful option for those seeking to optimise their material handling fleet, particularly in intensive warehouse operations where its short charge times offer high levels of availability.



Official WeChat



Official Website

ISO 9001
ISO 14001
OHSAS 18001

BYD Forklift

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CPD30/35/38

3.0/3.5/3.8-Tonne Forklift Truck



[⚡] Lithium | 5 YRS 10,000 HRS Battery Warranty | BYD Iron-Phosphate

CPD30/35/38 TECHNICAL SPECIFICATIONS

Identification	1.1	Manufacturer				BYD	BYD	BYD
	1.2	Model				CPD30	CPD35	CPD38
	1.3	Drive				Electric	Electric	Electric
	1.4	Operator type				Seat	Seat	Seat
	1.5	Rated capacity	Q	kg		3000	3500	3800
	1.6	Load centre	c	mm		500	500	500
	1.8	Load distance, centre of drive axle to fork	x	mm		485	485	485
	1.9	Wheelbase	y	mm		1770	1770	1770
Weight	2.1	Service weight			kg	4500	4820	4960
	2.2	Axle load, with load, front/rear			kg	6915/660	7680/715	8055/780
	2.3	Axle load, without load, front/rear			kg	2360/2140	2675/2145	2905/2055
Wheels, Chassis	3.1	Tyres				SE	SE	SE
	3.2	Tyre size, front			mm	21x9-9	21x9-9	21x9-9
	3.3	Tyre size, rear			mm	6.5-10	6.5-10	6.5-10
	3.5	Wheels, number front rear (x=driven wheels)				2x/2	2x/2	2x/2
	3.6	Track width, front	b10	mm		1030	1030	1030
	3.7	Track width, rear	b11	mm		946	946	946
Basic Dimensions	4.1	Tilt of mast/fork carriage forward/backward		a/b	deg	5/8	5/8	5/8
	4.2	Height, mast lowered		h1	mm	2105	2105	2120
	4.3	Free lift		h2	mm	130	130	130
	4.4	Lift height		h3	mm	3000	3000	3000
	4.5	Height, mast extended		h4	mm	4250	4250	4250
	4.7	Height of overhead guard		h6	mm	2215	2215	2245
	4.8	Seat height		h7	mm	1260	1260	1260
	4.12	Coupling height		h10	mm	390	390	390
	4.19	Overall length		l1	mm	3790	3790	3890
	4.20	Length to face of forks		l2	mm	2720	2720	2820
	4.21	Overall width		b1	mm	1270	1270	1270
	4.22	Fork dimensions		s/e/l	mm	45/125/1070	50/125/1070	50/150/1070
	4.23	Fork carriage ISO 2328, class/type A, B				3A	3A	3A
	4.24	Fork carriage width		b3	mm	1100	1100	1100
	4.31	Ground clearance, with load, below mast		m1	mm	120	120	135
	4.32	Ground clearance, centre of wheelbase		m2	mm	140	140	140
	4.33	Aisle width for pallets 1000x1200 crossways		Ast	mm	4105	4105	4205
	4.34	Aisle width for pallets 800x1200 lengthways		Ast	mm	4305	4305	4405
	4.35	Turning radius		Wa	mm	2440	2440	2440
Performance Data	5.1	Travel speed, with/without load			Km/h	16/18	16/18	16/18
	5.2	Lift speed, with/without load			mm/s	380/450	380/450	380/450
	5.3	Lowering speed, with/without load			mm/s	550/450	550/450	550/450
	5.6	Max. drawbar pull, with/without load			KN	15/11	15/11	15/11
	5.8	Max. gradeability, with/without load			%	18/20	18/20	18/20
	5.10	Service brake			s	Mech./Hydr.	Mech./Hydr.	Mech./Hydr.
Motor	6.1	Drive motor rating S2 60 min.			kW	21.5	21.5	21.5
	6.2	Lift motor rating at S3 15%			kW	24	24	24
	6.4	Battery voltage, nominal capacity K5			V/Ah	80/270Ah	80/270Ah	80/270Ah
	6.5	Battery weight			kg	485	485	485
Other	8.1	Type of drive control				AC	AC	AC
	8.2	Operating pressure for attachments			Mpa	18	18	18
	8.4	Sound level at the driver's ear			dB(A)	<75	<75	<75
	8.5	Towing coupling, type				PIN	PIN	PIN

*BYD reserves the right to alter and modify the design, features and technical parameters of its products at any given time and without pre-advice, as products are subject to ongoing and continuous development.

MAST SPECIFICATIONS

- h3

Lifting Height (mm)
- h2

Full Free Lift Height (mm) (Load Backrest 950mm)
- h1

Height, Mast Fully Lowered (mm)
- h4

Height, Mast Fully Extended (mm) (Load Backrest 950mm)
- α

Tilt Forward
- β

Tilt Backward

Mast Specifications (mm)	h3	h2	h1	h4	α	β	Residual Capacity (kg) (without attachment) @500MM		
							CPD30	CPD35	CPD38
2-stage standard Mast	3000	130	2125	4000	5°	8°	3000	3500	3800
	3300	130	2275	4300	5°	8°	3000	3500	3800
	3500	130	2375	4500	5°	8°	3000	3500	3700
	4000	130	2625	5000	5°	8°	2778	3275	3459
	4500	130	2925	5500	5°	6°	2641	3125	3301
2-stage FFL Mast	5000	130	3225	6000	5°	6°	2373	2721	2976
	3000	1175	2125	4000	5°	8°	3000	3500	3800
	3300	1325	2275	4300	5°	8°	3000	3500	3800
	3500	1425	2375	4500	5°	8°	3000	3500	3700
	4000	1675	2625	5000	5°	8°	2778	3275	3459
3-stage with single FFL Mast	4000	1075	2025	5000	5°	6°	2778	3275	3459
	4500	1240	2190	5500	5°	6°	2641	3125	3301
	4800	1340	2290	5800	5°	6°	2516	2992	3162
	5000	1410	2360	6000	5°	6°	2373	2721	2976
	5500	1575	2525	6500	5°	4.5°	2196	2539	2785
	6000	1740	2690	7000	5°	4.5°	2087	2419	2551

LOADING CAPACITY

