

## TRUCK FEATURES



### STANDARD EQUIPMENT:

- BYD Iron-Phosphate Technology
- Battery 80V 270Ah (21.6 kWh)
- Single AC drive
- 4-way valve
- Mechanical lever (Basic model)
- 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 210Ah/420Ah/540Ah
- Synchronised steering control
- Blue light
- Panoramic mirror
- Rear working light
- LED lights
- Multiple masts variants



The BYD EL20/25-PRO 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 EL20/25-PRO 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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# EL20/25-PRO

2.0/2.5-Tonne Forklift Truck

CHANGE YOUR MIND  
NOT YOUR BATTERY

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

# EL20/25-PRO TECHNICAL SPECIFICATIONS

Identification	1.1	Manufacturer			BYD	BYD
	1.2	Model			EL20-PRO	EL25-PRO
	1.3	Drive			Electric	Electric
	1.4	Operator type			Seat	Seat
	1.5	Rated capacity	Q	kg	2000	2500
	1.6	Load centre	c	mm	500	500
	1.8	Load distance, centre of drive axle to fork	x	mm	440	440
	1.9	Wheelbase	y	mm	1590	1590
	Weight	2.1	Service weight		kg	3550
2.2		Axle load, with load, front/rear		kg	4890/735	5700/675
2.3		Axle load, without load, front/rear		kg	1905/1645	2175/1625
Wheels, Chassis	3.1	Tyres			SE	SE
	3.2	Tyre size, front		mm	21x8-9	21x8-9
	3.3	Tyre size, rear		mm	18x7-8	18x7-8
	3.5	Wheels, number front rear (x=driven wheels)			2x/2	2x/2
	3.6	Track width, front	b10	mm	974	974
	3.7	Track width, rear	b11	mm	954	954
	Basic Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b	deg	5/8
4.2		Height, mast lowered	h1	mm	1990	1990
4.3		Free lift	h2	mm	130	130
4.4		Lift height	h3	mm	3000	3000
4.5		Height, mast extended	h4	mm	4240	4240
4.7		Height of overhead guard	h6	mm	2195	2195
4.8		Seat height	h7	mm	1160	1160
4.12		Coupling height	h10	mm	330	330
4.19		Overall length	l1	mm	3470	3470
4.20		Length to face of forks	l2	mm	2400	2400
4.21		Overall width	b1	mm	1170	1170
4.22		Fork dimensions	s/e/l	mm	40/122/1070	40/122/1070
4.23		Fork carriage ISO 2328, class/type A, B			2A	2A
4.24		Fork carriage width	b3	mm	1040	1040
4.31		Ground clearance, with load, below mast	m1	mm	95	95
4.32		Ground clearance, centre of wheelbase	m2	mm	100	100
4.33		Aisle width for pallets 1000x1200 crossways	Ast	mm	3750	3750
4.34	Aisle width for pallets 800x1200 lengthways	Ast	mm	3950	3950	
4.35	Turning radius	Wa	mm	2110	2110	
Performance Data	5.1	Travel speed, with/without load		Km/h	16/18	16/18
	5.2	Lift speed, with/without load		mm/s	400/450	400/450
	5.3	Lowering speed, with/without load		mm/s	500/400	500/400
	5.6	Max. drawbar pull, with/without load		KN	11/8.7	11/8.7
	5.8	Max. gradeability, with/without load		%	18/20	18/20
5.10	Service brake		s	Mech./Hydr.	Mech./Hydr.	
Motor	6.1	Drive motor rating S2 60 min.		kW	10	10
	6.2	Lift motor rating at S3 15%		kW	16	16
	6.4	Battery voltage, nominal capacity K5		V/Ah	80/270Ah	80/270Ah
	6.5	Battery weight		kg	300	300
Other	8.1	Type of drive control			AC	AC
	8.2	Operating pressure for attachments		Mpa	18	18
	8.4	Sound level at the driver's ear		dB(A)	<75	<75
	8.5	Towing coupling, type			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-advise, as products are subject to ongoing and continuous development.

# MAST SPECIFICATIONS

- h3 Lifting Height (mm)
- h2 Full Free Lift Height (mm) (Load Backrest 1200mm)
- h1 Height, Mast Fully Lowered (mm)
- h4 Height, Mast Fully Extended (mm) (Load Backrest 1200mm)
- α Tilt Forward
- β Tilt Backward

Mast Specifications (mm)	h3	h2	h1	h4	α	β	Residual Capacity (kg) (without attachment) @500MM	
							EL20-PRO	EL25-PRO
2-stage standard Mast	3000	140	1985	4240	5°	8°	2000	2500
	3500	140	2285	4740	5°	8°	2000	2500
	4000	140	2535	5240	5°	8°	1909	2331
	4500	140	2835	5740	5°	6°	1823	2166
	5000	140	3085	6240	5°	6°	1684	1998
2-stage FFL Mast	3000	888	2088	4240	5°	8°	2000	2500
	3500	1138	2338	4740	5°	8°	2000	2500
	4000	1388	2588	5240	5°	8°	1909	2331
3-stage with single FFL Mast	4000	738	1938	5240	5°	6°	1909	2331
	4500	888	2088	5740	5°	6°	1823	2166
	4800	988	2188	6040	5°	6°	1764	2084
	5000	1088	2288	6240	5°	6°	1684	1998
	5500	1288	2488	6740	5°	4.5°	1565	1848
	6000	1488	2688	7240	5°	4.5°	1465	1738

Model	Voltage	Capacity			
		210Ah	270Ah	420Ah	540Ah
EL20-PRO	80V	○	●	○	○
EL25-PRO		○	●	○	○
Changer	380VAC	DC80V100A			
		DC80V200A			
	480VAC	DC80V100A			
		DC80V200A			

Remark: "●" standard equipment, "○" optional equipment.

# LOADING CAPACITY

