

OUR ADVANTAGES

High efficiency

BYD forklift are equipped with high capacity lithium iron-phosphate battery and high efficiency charger, which ensures the strongest endurance and adapts to the most complex working conditions. It saves 90% charging time compared with lead-acid forklift.



High safety

Compared to lead-acid battery forklift, BYD lithium iron-phosphate battery forklift produces zero emission or pollution during charging that need no special charging room. In order to ensure the safety and stability of the battery, there are a series of extreme tests including overcharge, over discharge, short circuit, oven, crush and burning to name a few. Strong scientific capability and rigorous testing processes comprehensively guarantee the safety and excellent performance of BYD lithium iron-phosphate battery.



Long life cycle

Battery life is above 4,000 cycles or over 10 years. No need for battery replacement under normal use.



Strong temperature adaptability

Applies to the working condition from minus 40 degree Celsius to 60 degree Celsius with good performance.

High performance

BYD lithium iron-phosphate battery forklifts are equipped with electronic power steering and ZF drive axle to ensure efficient power output.

BYD lithium iron-phosphate battery meets the following standards



Professional solutions for different industries



BYD forklift truck provides professional solutions for various industries to adapt to complex working conditions.



GREEN LOGISTICS LEADER

TOW TRACTOR SERIES

BYD FORKLIFT WITH GLOBAL PRESENCE IN

6 continents
More than 30 countries
Service more than 1,000 satisfied customers
Market share of lithium forklifts exceeds 75%

Find out more about BYD Forklift here:



Website



Whatsapp



Version: VP 019-0101

Exclusive Distributor:
Cycle & Carriage Automotive Pte Ltd

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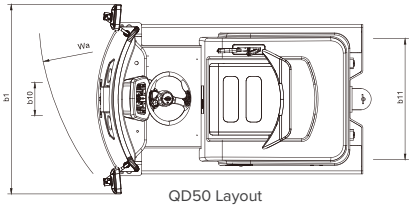
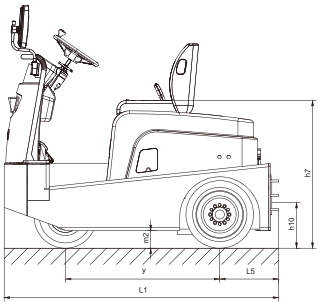
sg.byd.com/forklift-range/

TOW TRACTOR SERIES

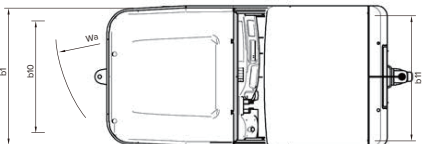
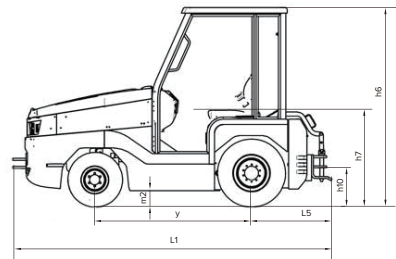


QD50

Load capacity: 5.6 ton
Service weight: 1,000 kg
Min. turning radius: 3,000 mm
Voltage: 48 V
Battery capacity: 110 Ah



QD50 Layout



Q250L Layout



Q250L

Load capacity: 25.0 ton
Service weight: 4,030 kg
Min. turning radius: 3,125 mm
Voltage: 80 V
Battery capacity: 540 Ah



Q250LS

Load capacity: 25.0 ton
Service weight: 3,800 kg
Min. turning radius: 3,000 mm
Voltage: 80 V
Battery capacity: 540 Ah

Standard configurations

- BYD lithium-iron-phosphate battery
- 110Ah/540Ah battery
- 30/100A quick charger
- GB standard charge interface
- LED head light and tail light
- Multifunction dashboard
- Towing pin

Optional configurations

- 200A quick charger
- Driving cab (equipped with wiper, fan and fire extinguisher)
- Solid tire / pneumatic tire / green tire
- strobe light / reversing voice alarm
- Towing pin height customization
- Rear working light
- Special key

Charging time (Unit: hour)

Charger	Battery	
	48V 110Ah	80V 540Ah
100A	About 1	About 5
200A	About 0.5	About 2.5



TOW TRACTOR SPECIFICATIONS

Identification	Manufacturer			BYD	BYD	BYD
	Model			QD50	Q250L	Q250LS
	Power Type			Electric	Electric	Electric
	Operation Type			Seated	Seated	Seated
	Rated traction weight	Q	kg	5000	25000	25000
Weights	Rated traction force	c	N	1500	6000	6000
	Wheelbase	y	mm	1013	1530	1500
	Service weight including battery		kg	1000	4030	3800
	Axle load-front		kg	410	1620	1850
Wheels	Axle load-rear		kg	590	2410	1950
	Tire Type			Solid/Pneumatic	Solid/Pneumatic	Solid/Pneumatic
	Tire size-front			4.00-8	6.00-9	6.00-9
	Tire size-rear			5.00-8	7.00-12	7.00-12
	Tire qty. front/rear (x=driving tire)			2/2x	2/2x	2/2x
Dimensions	Front wheel track	b10	mm	229	1200	1170
	Rear wheel track	b11	mm	835	1150	1140
	Cabin Height	h6	mm	-	1960	1850
	Seat Height	h7	mm	980	920	850
	Height of tiller in drive position min/max	h14	mm	-	-	-
	Draw bar center height	h10	mm	332±80	304.8	390
	Front/rear axle overhang	l5	mm	402 / 385	850 / 800	905 / 610
	Overall Length	l1	mm	1800	3180	3015
	Overall Width	b1/b2	mm	980	1400	1400
	Ground clearance (center of the wheelbase)	m2	mm	110	130	150
Performance	Min. turning radius	Wa	mm	1580	3125	3000
	Travel speed, with/without load		km/h	11 / 14	10 / 25	10 / 25
	Rated /Max .draw bar pull		KN	7.6	18	18
	Approach/ Departure angle	α	°	35 / 21	20 / 24	15 / 25
	Gradeability (with/without load)			10 / 20	4 / 28	4 / 2 8
Electrics	Brake type			Machinery hydraulic	Hydr	Hydr
	Drive motor power (S2=60min)			5.5	24.7	24.7
	Battery Capacity		V/Ah	48 / 110	80 / 540	80 / 540
Others	Battery Weight		kg	220	775±15	855±15
	Control type			AC	AC	AC
	Sound level at the driver's ear		dB	80	≤75	≤75
	Towing coupling, type			PIN	PIN	PIN