



## OUR ADVANTAGES

### High efficiency

BYD forklift equipped with high capacity lithium iron-phosphate battery and high efficiency charger, which ensures the strongest endurance and adapt 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 produce 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 forklift 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.

## 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%

# GREEN LOGISTICS LEADER

## TOW TRACTOR FORKLIFT SERIES



BYD forklift WeChat



BYD forklift micro-blog



BYD forklift official website

BYD COMPANY LIMITED

facebook.com/bydcompany

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youtube.com/bydcompany

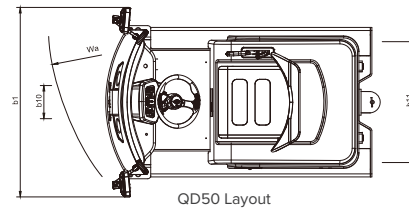
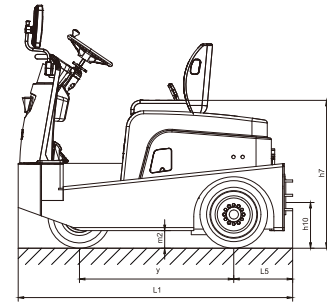
www.byd.com

## TOW TRACTOR SERIES



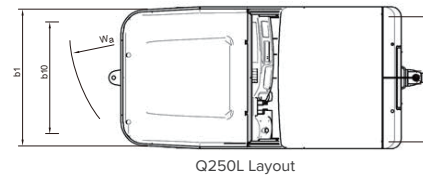
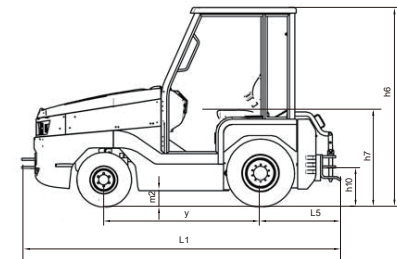
### QD50

Load capacity: 5.6 ton  
Curb weight: 3,800 kg  
Min. turning radius: 3,000 mm  
Voltage: 80 V  
Battery capacity: 540 Ah



### Q250L

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



### Q250LS

Load capacity: 25.0 ton  
Curb 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

			BYD	BYD	BYD	
			QD50	Q250L	Q250LS	
Identification	Manufacturer					
	Model					
	Power Type					
	Operation Type					
	Rated traction weight	Q	kg	5000	25000	25000
Rated traction force	c	N	1500	6000	6000	
Wheelbase	y	mm	1013	1530	1500	
Weights	Service weight including battery					
	Axle load-front					
	Axle load-rear					
Wheels	Tire Type					
	Tire size-front					
	Tire size-rear					
	Tire qty. front/rear (x=driving tire)					
	Front wheel track	b10	mm	229	1200	1170
	Rear wheel track	b11	mm	835	1150	1140
	Cabin Height	h6	mm	-	1960	1850
Dimensions	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	i5	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
	Min. turning radius	Wa	mm	1580	3125	3000
	Performance	Travel speed, with/without load				
		Rated /Max .draw bar pull				
Approach/ Departure angle		α	°	35 / 21	20 / 24	15 / 25
Gradeability (with/without load)				10 / 20	4 / 28	4 / 2 8
Electrics	Brake type					
	Drive motor power (S2=60min)					
	Battery Capacity	V/Ah				
Others	Battery Weight					
	Control type					
	Sound level at the driver's ear					
Towing coupling, type						