



**ZERO EMISSION
ENERGY EFFICIENCY
EASY MAINTENANCE**



QD50

ELECTRIC TRACTOR POWERED BY BYD LITHIUM IRON PHOSPHATE BATTERY

5 TON LOAD CAPACITY FOR INDOOR AND OUTDOOR USE

Utilizing BYD's proprietary Lithium Iron Phosphate Battery technology, BYD tractors have a long battery life of over 4,000 cycles (>10 years). Equipped with portable fast chargers directly connected to the tractors, the charging process is made easy and clean. There is no release of toxic vapour during the charging process.

EQUIPMENT FEATURES

- Walk-along driving control: two driving control buttons to allow truck to drive at walking pace, allowing order-picking with greatest efficiency
- Weather proof dual 3-phase AC brushless motor
- Weather protection (optional): easy to fit cabin allows for both indoor and outdoor applications
- Ultra-Fast Charging
- Low step easy entry: designed with spacious legroom
- Comprehensive safety features to maximise driver's welfare

BATTERY ADVANTAGES

- ✓ Environmentally-friendly and non-toxic, meeting all sustainability requirements
- ✓ Lower operating cost through opportunistic charging during operators' breaks and no battery swaps are required
- ✓ Lower electrical consumption compared to conventional lead-acid batteries
- ✓ Safety – withstands the harshest working environments without the risk of fire or explosion

Note:

1. Some equipment features described herein are optional.
2. Details of specifications and equipment are based on information available at time of printing and may change without notice.
3. Data provided acts as a guide. Actual performance depends on operating habits and conditions.



Build Your Dreams



Identification	1.1	Manufacturer			BYD
	1.2	Model			QD50
	1.3	Power Type			Electric
	1.4	Operation Type			Seated
	1.5	Rated Traction Weight	Q	kg	5000
	1.6	Rated Traction Force	F	N	1500
	1.7	Wheelbase	y	mm	1013
Weight	2.1	Service Weight Including Battery		kg	1000
	2.2	Axle load-front		kg	410
	2.3	Axle load-rear		kg	590
Wheels	3.1	Tire Type			Solid/Pneumatic
	3.2	Tire Size-Front			4.00-8
	3.3	Tire Size-Rear			5.00-8
	3.4	Tire Qty. Front/Rear (x=Driving Tire)			2/2x
	3.5	Front Wheel Track	b10	mm	229
	3.6	Rear Wheel Track	b11	mm	835
Dimensions	4.1	Cabin Height	h6	mm	-
	4.2	Seat Height	h7	mm	980
	4.3	Draw Bar Center Height	h10	mm	332±80
	4.4	Front/Rear Axle Overhang	L5	mm	402/385
	4.5	Overall Length	L1	mm	1800
	4.6	Overall Width	b1	mm	980
	4.7	Ground Clearance (Center of the Wheelbase)	m2	mm	110
	4.8	Minimum Turning Radius	Wa	mm	1580
Performance Data	5.1	Travel speed (with/without load)		km/h	11/14
	5.2	Max. Draw Bar Pull		KN	7.6
	5.3	Approach/ Departure Angle	α	°	35/21
	5.4	Gradeability (With/Without load)		%	10/20
	5.5	Brake Type			Hydr.
Electrics	6.1	Drive motor power (S2=60min)		kW	5.5
	6.2	Battery Capacity		V/Ah	48/110
	6.3	Battery Weight		kg	220
Others	7.1	Control Type			AC
	7.2	Sound Level at the Driver's Ear		dB(A)	80
	7.3	Towing Coupling, Type			PIN

