

QDD10L

ELECTRIC TRACTOR 1.0T

1000 kg 24 V Li-Ion



The QDD10L is ideal for indoor logistics, retail, airports, and hospitals where frequent, short-distance towing is required. It can haul cargo of 1000 kg even on 3° slopes, making it reliable for platform deliveries and cart movements. The compact design and stable pneumatic wheels make it particularly effective in narrow aisles, tight corridors, and space-constrained operations.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity		Ah	20
Battery voltage		V	24
Load capacity	Q	kg	1000
Service weight		kg	120
Overall length		mm	1210~1270~1300
Overall width	b ₁ /b ₂	mm	520
Operator type			Pedestrian
Wheelbase		mm	320
Axle loading, laden front/rear		kg	120/0
Axle loading, unladen front/rear		kg	95/25
Tyre type			Pneumatic
Tyre size, front		mm	2x Φ250x85
Tyre size, rear		mm	2x Φ75x32
Wheels, number front/rear (x=drive wheels)			2x/2
Tread width, front	b ₁₀	mm	428

Features

Efficient Li-ion power with opportunity charging

Equipped with a 20Ah Li-ion battery, the QDD10L supports fast, convenient charging with both on-board and external chargers, eliminating downtime and ensuring reliability.



Compact and powerful towing

With a load capacity of 1000 kg and maximum towing force of 650 N, the tractor delivers strong performance even on slopes of up to 3°, making it reliable for short-distance heavy towing.



Comfortable and stable operation

The 250 mm pneumatic tires provide superior grip and passability, while the adjustable tiller handle ensures operator comfort and adaptability in different working conditions.

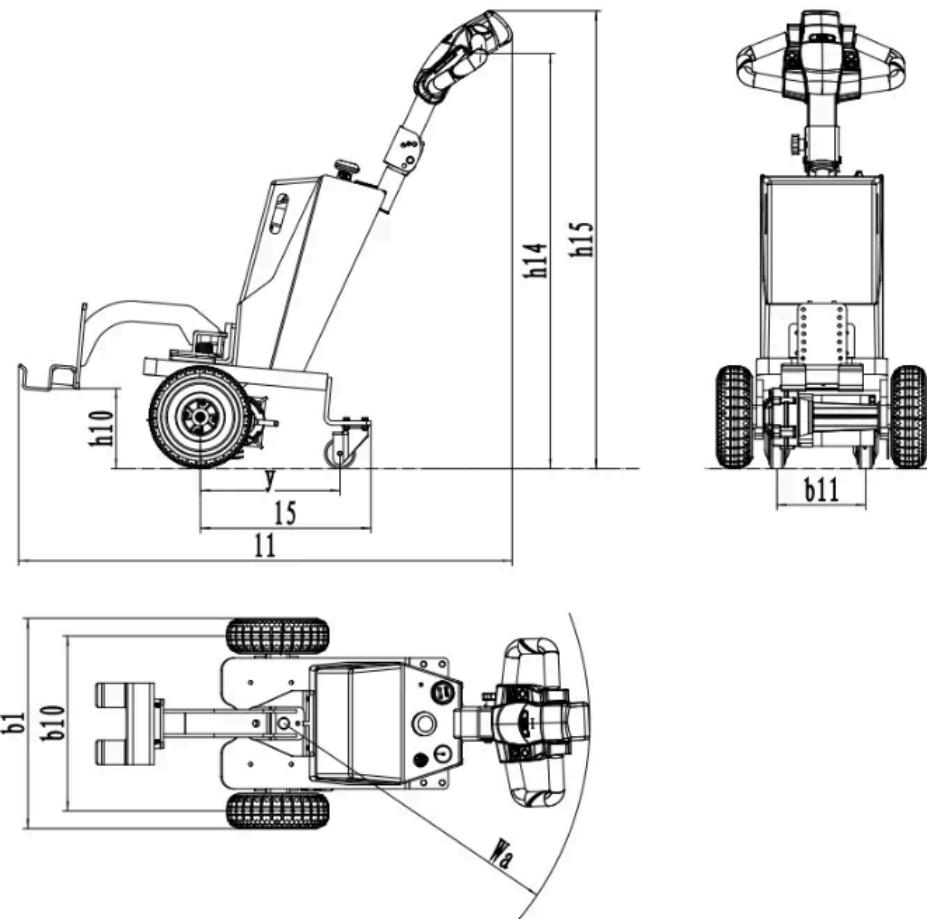
Flexible configuration and options

The QDD10L comes with useful options such as external charging, traction pin, battery indicator with time function, and solid wheel alternatives, giving operators flexibility to adapt to specific workplace requirements.

VDI Chart

SPECIFICATION	REF	UNIT	VALUE
1.4 Operator type			Pedestrian
1.5 Load capacity	Q	kg	1000

SPECIFICATION		REF	UNIT	VALUE
1.9	Wheelbase		mm	320
2.1	Service weight		kg	120
2.2	Axle loading, laden front/rear		kg	120/0
2.3	Axle loading, unladen front/rear		kg	95/25
3.1	Tyre type			Pneumatic
3.2	Tyre size, front		mm	2x Φ 250x85
3.3	Tyre size, rear		mm	2x Φ 75x32
3.5	Wheels, number front/rear (x=drive wheels)			2x /2
3.6.1	Tread width, front	b_{10}	mm	428
3.7.1	Tread width, rear	b_{11}	mm	217
4.19	Overall length		mm	1210~1270~1300
4.2.1	Overall height			896 985 1074
4.21	Overall width	b_1/b_2	mm	520
4.9	Height of tiller handle in drive position min./max.			841 936 1016
5.1	Travel speed, laden/unladen		km/h	4.5/5
5.10	Service brake			Electromagnetic
5.5	Drawbar pull, laden/unladen			650/0
5.8	Max. gradeability, laden/unladen		%	3/16
6.1	Drive motor rating S2 60 min		kW	0.4
6.4	Battery nominal capacity		Ah	20
6.4	Battery voltage		V	24
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	5.8
8.1	Type of drive control			DC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the drivers ear		dB(A)	74



Options

ITEM	OPTIONS (optional items marked in yellow)
Traction pin	No Yes and not customized
Handle head type	Hands big handle head
Drive wheel material	Rubber
Front wheel material	Pneumatic Solid
Battery capacity	20Ah (Li-ion)
Charger	24V-10A interna 24V-10A external
Battery display indicator (BDI)	Without time With time