

QDD10

ELECTRIC TRACTOR 1.0T

 1000 kg  2x12 V Li-Ion



The QDD10 is ideal for retailers, distribution platforms, medical facilities, and airports where short-distance goods transfer is frequent. Its differential mechanism and compact wheelbase of just 315 mm allow for excellent maneuverability in narrow corridors and confined areas. Capable of towing loaded carts on slopes up to 3°, it offers stable and safe transport of goods, while the lightweight 98 kg design makes it easy to handle and store.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity		Ah	50
Battery voltage		V	2x12
Load capacity	Q	kg	1000
Service weight		kg	98
Overall length		mm	1255~1315~1345
Overall width	b ₁ /b ₂	mm	520
Operator type			Pedestrian
Wheelbase		mm	315
Axle loading, laden front/rear		kg	98/0
Axle loading, unladen front/rear		kg	78/20
Tyre type			Pneumatic
Tyre size, front			2x Φ250x85
Tyre size, rear			2x Φ75x32
Additional wheels (castor wheels)			-
Wheels, number front/rear (x=drive wheels)			2x /2

Features

Compact and lightweight design

With a service weight of only 98 kg and a wheelbase of 315 mm, the QDD10 is easy to maneuver, store, and operate, making it suitable for confined spaces and frequent repositioning tasks.

Reliable towing capacity

Capable of towing loads up to 1000 kg with a maximum drawbar pull of 650 N, the QDD10 provides strong traction and ensures smooth goods movement even on gentle slopes.

Operator comfort and control

The adjustable tiller height, ergonomic “hands big handle head,” and mechanical steering make operation comfortable for all users. Electromagnetic brakes enhance control and safety during daily use.

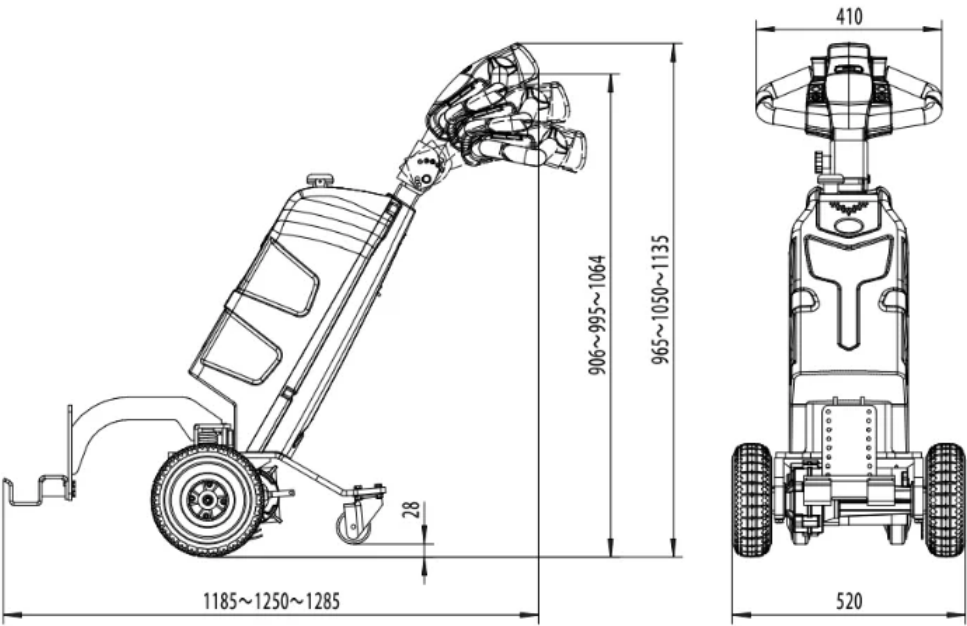
Efficient battery and charging system

Equipped with a 24V/50Ah battery and internal 24V/8A charger, the QDD10 eliminates downtime by allowing convenient charging at any available socket. Optional Li-ion upgrades or battery indicators with time functions further improve efficiency.

VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.4	Operator type			Pedestrian
1.5	Load capacity	Q	kg	1000
1.9	Wheelbase		mm	315
2.1	Service weight		kg	98
2.2	Axle loading, laden front/rear		kg	98/0
2.3	Axle loading, unladen front/rear		kg	78/20
3.1	Tyre type			Pneumatic
3.2	Tyre size, front			2x Φ250x85
3.3	Tyre size, rear			2x Φ75x32
3.5	Additional wheels (castor wheels)			-

SPECIFICATION		REF	UNIT	VALUE
3.5	Wheels, number front/rear (x=drive wheels)			2x /2
3.6	Tread width, front	b ₁₀	mm	428
3.7	Tread width, rear	b ₁₁	mm	217
4.19	Overall length		mm	1255~1315~1345
4.2.1	Overall height			890 976 1068
4.21	Overall width	b ₁ /b ₂	mm	520
4.9	Height of tiller handle in drive position min./max.			835 930 1010
5.1	Travel speed, laden/unladen		km/h	4.5/5
5.10	Service brake			Electromagnetic
5.5	Drawbar pull, laden/unladen			200/0
5.6	Max. 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	50
6.4	Battery voltage		V	2x12
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	19x2
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	50Ah
Charger	24V-8A interna
Battery display indicator (BDI)	Without time With time