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
Manufacturer			EP
Model designation			QDD10
Battery voltage		V	2x12
Rated capacity	Q	kg	1000
Service weight		kg	98
Overall length	l_1	mm	1255~1315~1345
Overall width	b_1/b_2	mm	520
Drive			Electric
Operator type			Pedestrian
Wheelbase	y	mm	315
Axle loading, laden front/rear		kg	98/0
Axle loading, unladen front/rear		kg	78/20
Tyres			Pneumatic
Tyre size, front		mm	2x Φ250x85
Tyre size, rear		mm	2x Φ75x32
Additional wheels (castor wheels)		mm	-

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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
1.1	Manufacturer			EP
1.2	Model designation			QDD10
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	1000
1.9	Wheelbase	y	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	Tyres			Pneumatic
3.2	Tyre size, front		mm	2x Φ250x85
3.3	Tyre size, rear		mm	2x Φ75x32

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	SPECIFICATION	REF	UNIT	VALUE
3.4	Additional wheels (castor wheels)		mm	-
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
4.2.1	Overall height		mm	890 976 1068
4.9	Height drawbar in driving position min./max.	h_{14}	mm	835 930 1010
4.19	Overall length	l_1	mm	1255~1315~1345
4.21	Overall width	b_1/b_2	mm	520
5.1	Travel speed, laden/unladen		km/h	4.5/5
5.5	Drawbar pull, laden/unladen			200/0
5.6	Max. drawbar pull, laden/unladen		N	650/0
5.8	Max. gradeability, laden/unladen		%	3/16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.4
6.4.1	Battery voltage		V	2x12
6.4.2	Battery nominal capacity K5		Ah	50
6.4.3	Battery type			Li-Ion
6.5	Battery weight		kg	19x2
8.1	Type of drive unit			DC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the driver's seat		dB(A)	74

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.

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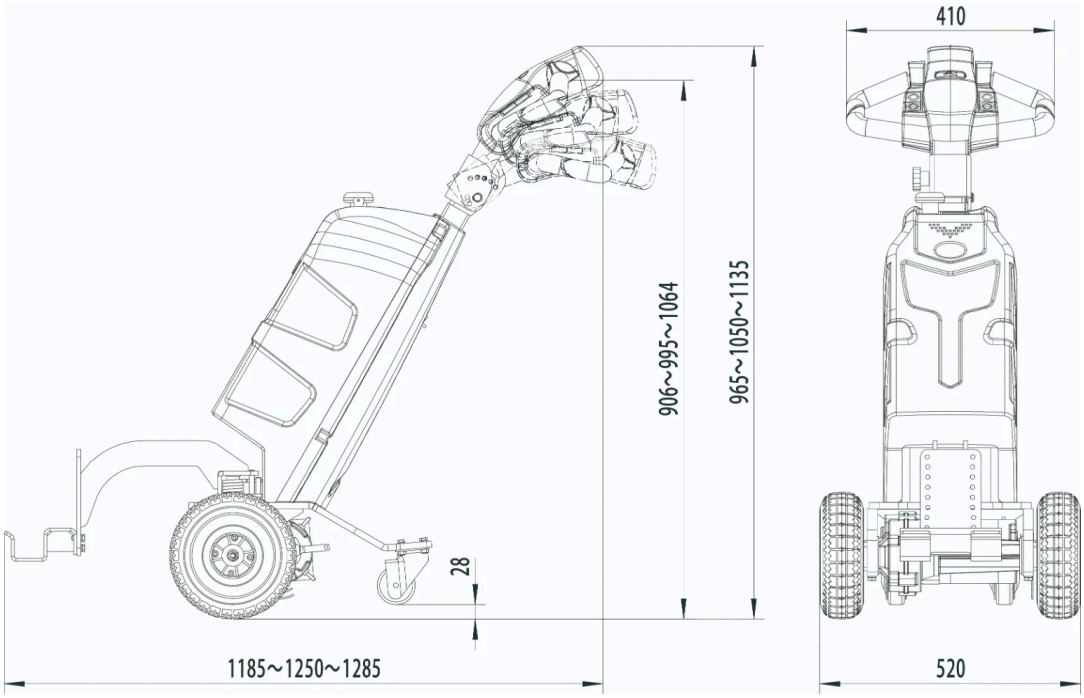
VDI Drawing



Options

ITEM	OPTIONS (optional items marked in yellow)
Drive wheel material	Rubber
Front wheel material	Pneumatic | Solid
Battery capacity	50Ah
Charger	24V-8A interna
Battery indicator	Without time | With time
Traction pin	No | Yes and not customized
Handle head type	Hands big handle head

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