

Order picking truck 0.5 ton

BT movit

N-series

TSE100W



BT movit

- BT Movit order picking trucks offer flexible, efficient and frequent handling of light materials.
- The trucks and trolleys are simple to use and ergonomically designed. The standard trolleys can be adapted according to the application.
- The concept is based on order picking from — or to — trolleys that are transported with the help of a versatile drive unit.
- This provides a high level of flexibility and cost efficiency as several trolleys can be used simultaneously during production peaks.
- Productivity can be increased up to 50% compared with manual picking, depending on the warehouse layout.
- Low instep. Only 65 mm.
- User friendly. "All in one" controls. BT Movit is easy and flexible to use. Can work in confined areas due to its ability to turn on its own axis. Integrated attachment points for accessories.
- Programmable performances. Maximum speed 10,5 km/h. Can be programmed according to the customers applications.
- Service accessibility. Programmable electronics with fault finding function, positioned for easy access under the panel. Maintenance free drive motor (AC).
- External charger and built-in battery cassette for convenient change. Battery change table with ergonomically height. For easy and fast battery exchange.



Specifications		TSE100W - 609	TSE100W - 610	TSE100W - 612
Rated capacity due to trolley	kg	500	500	500
Travel speed	km/h	10,5	10,5	10,5
Max. gradient	%	10	10	10
Space required to turn in an aisle with load carrier 1200 mm	mm	1800	2000	2000
	mm	2300	2600	2600
Load carriers, w x l	mm	600 x 1200	800 x 1200	1000 x 800
Measurement without trolley				
Weight incl. battery	kg	220	235	255
Total length incl. bumper wheels	mm	1560	1560	1450
Total width incl. bumper wheels	mm	760	980	1110
Total height	mm	1100	1100	1100
Instep height	mm	65	65	65
Floor clearance	mm	40	40	40
Wheel base	mm	1080	1080	980
Wheels				
Drive wheels Ø 230x65 mm, max.pressure without/with rated load	kg	225/265	240/285	225/225
Rear wheels 2 x Ø 200x50 mm, max.pressure without/with rated load	kg	65/325	90/420	95/450

Electrical system, 24 V

Power, 600 W/0.82 Hp

Hub motor. Two step gear box with AC-motor and integrated parking brake.

Stepless electronic speed control

Noise level below 70 dB (A)

Vibrations below 2.5 m/ss

Reversing motor brake on the drive wheel

Electromagnetic parking brake

Load carriers

BT movit



Shelf trolleys

Exists in two series, for 300 kg or 500 kg.

Standard range includes trolleys varying between 1030 mm and 1860 mm in height with two, three or four shelves. Lengths vary between 1000 mm and 1600 mm and widths vary between 600 mm and 800 mm.

Can be used with all BT Movit picking trucks. For trucks 609 and 610 a maximum length of 1200 mm is recommended.



Step trolleys

2230 mm high trolleys with integrated steps available as standard with three or four shelves. The length is 1200 mm and the width is 600 mm or 800 mm.

The distance between the floor and the top step/shelf is 1335 mm. Maximum load 500 kg.

The distance between the floor and the unloading shelf is 1750 mm.

Trolleys with built-in steps are useful for picking at higher levels — up to 3 metres.

Can be used with truck model 609 and 610.



Platform trolleys

Platform trolleys can carry 300 kg or 500 kg loads and are available with one or two high ends.

Available in lengths between 1000 mm and 1600 mm and widths between 520 mm and 800 mm.

Can be used with all BT Movit order picking trucks.



Parcel trolleys

Parcel trolleys are equipped with removable or openable gates and can carry 300 kg or 500 kg loads. Standard lengths vary between 1000 mm and 1600 mm and the trolleys are available in widths between 600 mm and 800 mm.

The parcel trolleys can be used with all BT Movit order picking trucks.

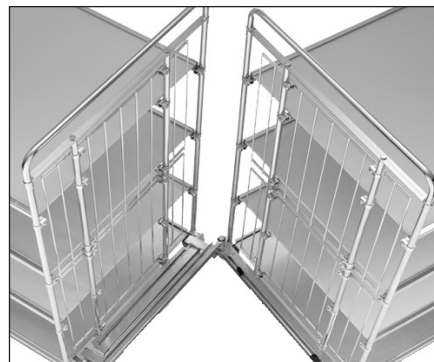
Options

A wide range of accessories facilitate working with the truck and provide considerable freedom to adapt the truck and trolleys to the application.



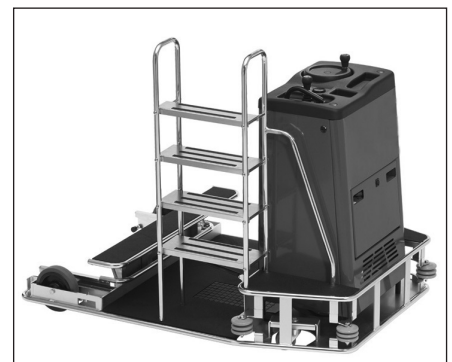
Battery exchange system

An extra battery cassette and a battery table make it easy to change batteries in only 20 seconds.



Picking train connection

Special connection for attaching extra trolleys to the order picking truck. The short distance between trolleys provides comfortable access and increased safety.



Folding steps

Facilitate picking from several different levels. Fitted to the side of the drive unit. Fits truck model 610 and 612.



Order picking truck TSE100W-609

For order picking of light materials. This truck is perfect for picking in narrow aisles. Equipped with fast docking system. Trolleys have 600 mm wide loading surface.



Order picking truck TSE100W-610

For order picking of light materials. The platform is somewhat wider providing space for a i.e foldable ladder. Equipped with fast docking system. This truck is perfect for picking in narrow aisles. Trolleys have 800 mm wide loading surface.



Order picking truck TSE100W-612

For order picking behind the operator directly from the truck. Facilitates reaching the shelving from the operators position. Equipped with fast docking system. The wide platform give possibilities to assemble one or two foldable ladders. Trolleys have 1000x800 mm wide loading surface.



TP-Technical Publications, Sweden — 746890-040, version 1, 1202