



602 AC-TT
608 AC-TT
609 AC-TT
610 AC-TT
612 AC-TT



The Ergomover concept with truck-towed trolleys increases efficiency in internal materials handling. The light and ergonomic truck has created its own niche and is perfect for order picking and moving goods between warehouses and production facilities.



BT Ergomover AC towing and order picking trucks offer flexible, efficient and frequent handling of light consignments.

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.

- User friendly. "All in one" controls. BT Ergomover AC 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.
- Up to 1000 kg towing capacity (requires inertial brake).
- Low instep. Only 65 mm.
- Programmable performances. Maximum speed 10.5 km/h. Can be programmed according to the customers application.
- Service accessibility. Programmable electronics with fault finding function, positioned for easy access in a box under the panel. Maintenance free drive motor (AC),
- Several options available to increase safety or flexibility.
- Battery. External charger and built-in battery cassette for convenient change. Battery change table with ergonomically height. For easy and fast battery exchange.

Technical Datas		602-TT	608-TT	609-TT	610-TT	612-TT
Drive characteristics						
Rated capacity due to trolley	kg	500 ^{1) 4)}	500 ^{2) 4)}	500	500	500
Travel speed	km/h	10.5	10.5	10.5	10.5	10.5
Max. gradient	%	10	10	10	10	10
Space required to turn in an aisle	mm	1500	1900	1800	2000	2000
with load carrier 1200 mm	mm	2800	3100	2300	2600	2600
Load carriers, w x l	mm	600x1200	600x1200	600x1200	800x1200	1000x800
Measurement without trolley						
Weight incl. battery	kg	200	240/275 ³⁾	220	235	255
Total length incl. bumper wheels	mm	1210	1600	1560	1560	1450
Total width incl. bumper wheels	mm	600	760	760	980	1110
Total height	mm	1100	1100	1100	1100	1100
Instep height	mm	65	65	65	65	65
Floor clearance	mm	40	40	40	40	40
Wheel base	mm	765	1080	1080	1080	980
Wheels						
Drive wheels Ø 230x65 mm, max.pressure without/with rated load	mm	195/210	185/220	225/265	240/285	225/225
Rear wheels 2 x Ø 200x50 mm, max.pressure without/with rated load	mm	70/270	115/420	65/325	90/420	95/450

- 1) Stated load at towage. If max. load 200 kg is used on the truck, it's pulling ability will be reduced with the equivalent weight.
- 2) Stated load at towage. If max. load 300 kg is used on the truck, it's pulling ability will be reduced with the equivalent weight.
- 3) Model 608 as tow truck weights 285 kg (incl. tow bar and counter weight).
- 4) With optional inertial brake the rated capacity can be increased to 1000 kg.

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 does not exceed 70 dB (A)

Vibrations does not exceed 2.5 m/s²

Reversing motor brake on the drive wheel

Electromagnetic parking brake



Load carriers



● Shelf trolleys

They exist in two series, for 300 kg or 500 kg.

Our 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 520 mm and 800 mm.

Can be used with all BT Ergomover trucks. For models 609 and 610 we recommend a maximum length of 1200 mm, as the overhang with longer trolleys would be too great.



● Step trolleys

2000 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. Trolleys with built-in steps are extremely useful for picking at higher levels — up to 3 metres.

Can be used with trucks 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 Ergomover 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 520 mm and 800 mm.

The parcel trolleys can be used with all BT Ergomover trucks.

Options



We offer a wide range of accessories that 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.

● Brake

A brake on the trolley enables the truck to carry loads of up to 1000 kg.

● Picking train connection

Special connection for attaching extra trolleys to the 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.



Towing truck 602 AC-TT

An efficient truck for all types of internal transport or handling of bulky items.

The truck can tow several trolleys simultaneously.



Towing truck 608 AC-TT

Excellent for light transports in offices, hospitals, ware houses and industries. Platform size 625x740 mm. The truck can tow several trolleys simultaneously.



Picking truck 609 AC-TT

For picking behind the operator. Only 760 mm wide, this truck is perfect for picking in narrow aisles. Equipped with fast docking system.



Picking truck 610 AC-TT

For picking behind the operator. The platform is somewhat wider providing space for a ladder or other equipment such as crates or a rubbish bag holder. Equipped with fast docking system.



Picking truck 612 AC-TT

For picking behind the operator directly from the truck. Facilitates reaching the shelving from the operators position. Equipped with fast docking system.

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