

Battery Carts & Carriages Manual Transfer Trolley



The BHS Manual Transfer Trolley (MTT) allows for single person changing operations in lighter battery applications. Coupled with the standard guide track, the MTT is easily pushed by hand for smooth and efficient battery change-outs.

Battery Carts & Carriages

Manual Transfer Trolley

The BHS Manual Transfer Trolley (MTT) provides mechanical assistance during battery change-outs as batteries are transferred manually along roller beds. The MTT contains two battery compartments, each independently controlled by the hand pump to lift and lower for proper battery transfer height. Each compartment is designed to hold industrial batteries weighing up to 499 kg each.

Features & Benefits

- Compact design for areas with limited space
- Rack and pinion bed leveling ensures compartments remain level during battery transfer
- Large 152 mm phenolic wheels protect floors and provide low rolling resistance
- Floor locks provide additional safety
- Spark-proof poly rollers make transfers safe and easy
- Battery Containment Bars enclose compartments to secure batteries during transport
- Designed for pallet jack and light picker applications equipped with roller beds
- Two independently controlled roller compartments
- Angle Guide Track (SGT-A) provides alignment and guidance of the trolley (sold separately)
- Steel End Stops (TRK-ES) prevent unit from running off of guide track (sold separately)



MTT16-2

Product Specifications

Pump Type	Hydraulic - Hand Operated	Roller Construction	Steel Core Tube with 6.3 mm Polyurethane Sleeve
Pressure Rating	90 bar	Overall Dimensions (L x W x H)	1781 mm x 1108 mm x 1473 mm
Oil Type	Mineral Base ISO 32 wt	Ground Clearance	13 mm
Oil Capacity	1.9 L	Weight	405 kg
Oil Volume per Stroke	20.5 cc	Lift Range	99 mm to 353 mm
Lift Speed	1 Stroke = 9.5 mm	Cylinder Type	Single Acting - Power Up / Gravity Down
Compartments	2 with 6 rollers per compartment / each with independent lift function	Cylinder Size	51 mm Bore x 254 mm Stroke x 25 mm Rod Diameter
Compartment Size	400 mm x 860 mm	Cylinder Mounting	Double Clevis
Max Battery Size	356 mm x 838 mm	Brake Type	(2) Cam Type Pedestals with Rubber Floor Pad
Load Capacity per Compartment	499 kg	Caster Size	152 mm x 51 mm
Roller Diameter	61 mm	Caster Load Capacity (each)	544 kg
Bearing / Shaft Size	11 mm Hex Bearings with Brite Galvanized 11 mm Hex Axle	Caster Material	Phenolic Resin

