

***Battery Carts & Carriages
Bridge Trolley***



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

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The BHS Bridge Trolley (BT) provides mechanical assistance during battery change-outs as batteries are transferred manually along roller beds. The BT 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 1,100 lb (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 6" (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)



BT16-2

Product Specifications

Imperial / Metric

Pump Type	Hydraulic - Hand Operated	Roller Construction	Steel Core Tube with 0.25" / 6.3 mm Polyurethane Sleeve
Pressure Rating	1300 psi / 90 bar	Overall Dimensions (L x W x H)	70.13" x 43.63" x 58" 1781 mm x 1108 mm x 1473 mm
Oil Type	Mineral Base ISO 32 wt	Ground Clearance	0.5" / 13 mm
Oil Capacity	0.5 gal / 1.9 L	Weight	892 lb / 405 kg
Oil Volume per Stroke	1.25 cubic in / 20.5 cc	Lift Range	3.88" to 13.88" / 99 mm to 353 mm
Lift Speed	1 Stroke = 0.375" / 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	2" Bore x 10" Stroke x 1" Rod Diameter / 51 mm Bore x 254 mm Stroke x 25 mm Rod Diameter
Compartment Size	15.75" x 33.88" / 400 mm x 860 mm	Cylinder Mounting	Double Clevis
Max Battery Size	14" x 33" / 356 mm x 838 mm	Brake Type	(2) Cam Type Pedestals with Rubber Floor Pad
Load Capacity per Compartment	1,100 lb / 499 kg	Caster Size	6" x 2" / 152 mm x 51 mm
Roller Diameter	2.4" / 61 mm	Caster Load Capacity (each)	1,200 lb / 544 kg
Bearing / Shaft Size	7/16" / 11 mm Hex Bearings with Brite Galvanized 7/16" / 11 mm Hex Axle	Caster Material	Phenolic Resin

