



## *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.

## Battery Carts & Carriages Bridge Trolley

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

<b>Pump Type</b>	Hydraulic - Hand Operated	<b>Roller Construction</b>	Steel Core Tube with 0.25" / 6.3 mm Polyurethane Sleeve
<b>Pressure Rating</b>	1300 psi / 90 bar	<b>Overall Dimensions (L x W x H)</b>	70.13" x 43.63" x 58" 1781 mm x 1108 mm x 1473 mm
<b>Oil Type</b>	Mineral Base ISO 32 wt	<b>Ground Clearance</b>	0.5" / 13 mm
<b>Oil Capacity</b>	0.5 gal / 1.9 L	<b>Weight</b>	892 lb / 405 kg
<b>Oil Volume per Stroke</b>	1.25 cubic in / 20.5 cc	<b>Lift Range</b>	3.88" to 13.88" / 99 mm to 353 mm
<b>Lift Speed</b>	1 Stroke = 0.375" / 9.5 mm	<b>Cylinder Type</b>	Single Acting - Power Up / Gravity Down
<b>Compartments</b>	2 with 6 rollers per compartment / each with independent lift function	<b>Cylinder Size</b>	2" Bore x 10" Stroke x 1" Rod Diameter / 51 mm Bore x 254 mm Stroke x 25 mm Rod Diameter
<b>Compartment Size</b>	15.75" x 33.88" / 400 mm x 860 mm	<b>Cylinder Mounting</b>	Double Clevis
<b>Max Battery Size</b>	14" x 33" / 356 mm x 838 mm	<b>Brake Type</b>	(2) Cam Type Pedestals with Rubber Floor Pad
<b>Load Capacity per Compartment</b>	1,100 lb / 499 kg	<b>Caster Size</b>	6" x 2" / 152 mm x 51 mm
<b>Roller Diameter</b>	2.4" / 61 mm	<b>Caster Load Capacity (each)</b>	1,200 lb / 544 kg
<b>Bearing / Shaft Size</b>	7/16" / 11 mm Hex Bearings with Brite Galvanized 7/16" / 11 mm Hex Axle	<b>Caster Material</b>	Phenolic Resin



Storage Battery Systems LLC  
N56 W16665 Ridgewood Drive  
Menomonee Falls, WI 53051

www.sbsbattery.com 800-554-2243 sbs@sbsbattery.com

