

Battery Carts & Carriages
Dual Transfer Carriage



The BHS Dual Transfer Carriage (DTC) converts an existing pallet jack into an efficient, portable battery changer. The DTC is equipped with three battery compartments which allow two battery change-outs anywhere in your facility.

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The pass through design of the Dual Transfer Carriage (DTC) conveniently allows battery exchange to and from stands on either side of the unit. Lift truck servicing can be accomplished from the right side of the DTC†.

Features & Benefits

- Three 16" (406 mm) wide battery compartments
- Hydraulic-powered with multi-axis extractor arm
- Magnet extraction ideal for use with narrow batteries
- Combination of lead rollers and friction strips provides increased battery stability during transport
- Lowers system cost by utilizing existing equipment
- Mounts easily to powered pallet truck with 60" (1524 mm) or longer forks
- Pendant control for ease of operation
- Dual SB-175 gray connector harness plugs into the pallet truck and battery, powering the DTC and pallet truck simultaneously
- Load and unload batteries to stands on either side of the unit
- Durable powder coat finish resists both acid and scratches



Product Specifications

Imperial/Metric

	DTC-16
Max Load Capacity*	6,000 lb / 2721 kg
Service Weight (unloaded)	1,300 lb / 590 kg
Overall Dimensions (L x W x H)	64.75" x 63" x 65" / 1645 mm x 1600 mm x 1651 mm
Arm Reach (Right Hand Side)†	15.75" / 400 mm
Arm Reach (Left Hand Side)†	6.25" / 159 mm
Operating Voltage	24 V dc
Hydraulic Pump Type	Gear, Fixed Displacement
Hydraulic Pump Displacement	3.0 gal/min / 11.4 L/min
Extractor Arm Travel Speed	18 ft/min / 0.09 m/s
Magnet Carrier Traverse Speed	18 ft/min / 0.09 m/s
Magnet Size	4" x 12" / 101 mm x 305 mm
Magnet Draw Bar Pull‡	1,000 lb / 453 kg
Roller Diameter	2.4" / 61 mm
Roller Shaft Size	0.75" / 19 mm Hex
Battery Compartment Width	16" / 406 mm
Maximum Battery Dimensions (L x W x H)	40" x 15" x 33" / 1016 mm x 381 mm x 838 mm
Minimum Battery Dimensions (L x W x H)	20" x 6" x 18" / 508 mm x 152 mm x 457 mm
Minimum Service Height (Resting on ground)	6.5" / 165 mm
Minimum Pallet Truck Fork Size	27" x 60" / 686 mm x 1524 mm
Controls	5 Button Tethered Pendant



* Max load capacity based on 8,000 lb / 3628 kg host truck.

† Arm reach side is from pallet truck operator's perspective.

‡ Varies with battery case condition and thickness.

