



## BATTERY CARTS & CARRIAGES

# **DUAL TRANSFER CARRIAGE**

The BHS Dual Transfer Carriage (DTC) converts an existing pallet truck into an efficient, portable battery changer. The pass-through design of the Dual Transfer Carriage conveniently allows battery exchange to and from stands on either side of the unit.

### Portable Battery Changeouts

The DTC is equipped with three battery compartments which allow two battery change-outs anywhere in your facility. The carriage's combination of lead rollers and friction strips provides increased battery stability while transporting batteries to and from charging stations. A durable powder-coat finish helps the DTC resist acid and scratches in harsh warehouse conditions.



#### Magnet Extraction

The DTC uses a hydraulic powered multi-axis arm with magnet extraction which is ideal for use with narrow batteries.



#### Mounts Easily

Mounts easily to powered pallet truck with 60" (1524 mm) or longer forks making the DTC easily transported.



#### Simultaneously Powered

Dual SB-175 gray connector harness plugs into the pallet truck and battery, powering the DTC and pallet truck simultaneously.



#### Double Sided Loading

Load and unload batteries to stands on either side of the unit by utilizing the multi-axis arm and lead rollers.

**CONTACT THE BHS SALES TEAM FOR MORE INFORMATION ABOUT THIS PRODUCT**

Flip sheet over to learn more about this solution.

[sales@bhs1.com](mailto:sales@bhs1.com)

1.800.BHS.9500

# DUAL TRANSFER CARRIAGE

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### Pendant Control



5-button pendant control for ease of operation

### Pivoting Magnet

Pivoting magnet allows magnet to be attached to either side of the battery for extracting & replacing batteries

### Hydraulic Powered

Hydraulic-powered with multi-axis extractor arm

### Stable Transport

Combination of lead rollers and friction strips provides increased battery stability during transport

### Simultaneous Power

Dual SB-175 gray connector harness plugs into the pallet truck and battery, powering the DTC and pallet truck simultaneously

### Cost Efficient

Lowers system cost by utilizing existing equipment

### Durable Powder Coat

Durable powder coat finish resists both acid and scratches

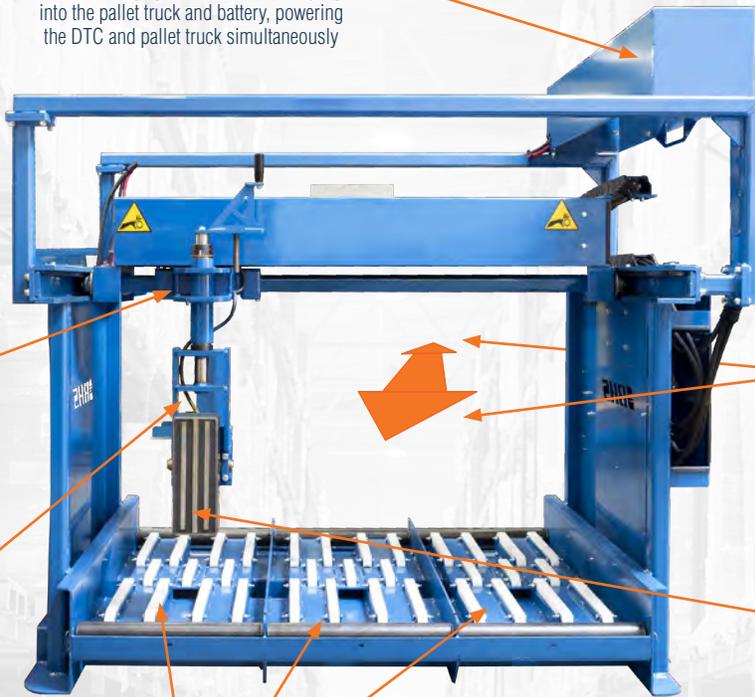
### Double Sided Entry

Load and unload batteries to stands on either side of the unit

### Magnet Extraction



Magnet extraction ideal for use with narrow batteries



### Triple Compartments

Three 16" (406 mm) wide battery compartments

### Pallet Truck Compatible



Mounts easily to powered pallet truck with 60" (1524 mm) or longer forks

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
Max. Battery Dimensions (L x W x H)	40" x 15" x 33" / 1016 mm x 381 mm x 838 mm
Min. Battery Dimensions (L x W x H)	20" x 6" x 18" / 508 mm x 152 mm x 457 mm
Min. Service Height (Resting on ground)	6.5" / 165 mm
Min. Pallet Truck Fork Size	27" x 60" / 686 mm x 1524 mm

\* 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.