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Battery Carts & Carriages Walkie Transfer Carriage



The BHS Walkie Transfer Carriage (WTC) is a non-powered battery changer designed for smaller battery fleets. The WTC mounts to the user's existing pallet truck to change batteries in side-extraction applications. The WTC comes in three models and offers a dependable and versatile battery changing system at an affordable cost.

MODELS

WTC-24: 24" (610 mm) wide battery compartment

WTC-30: 30" (762 mm) wide battery compartment

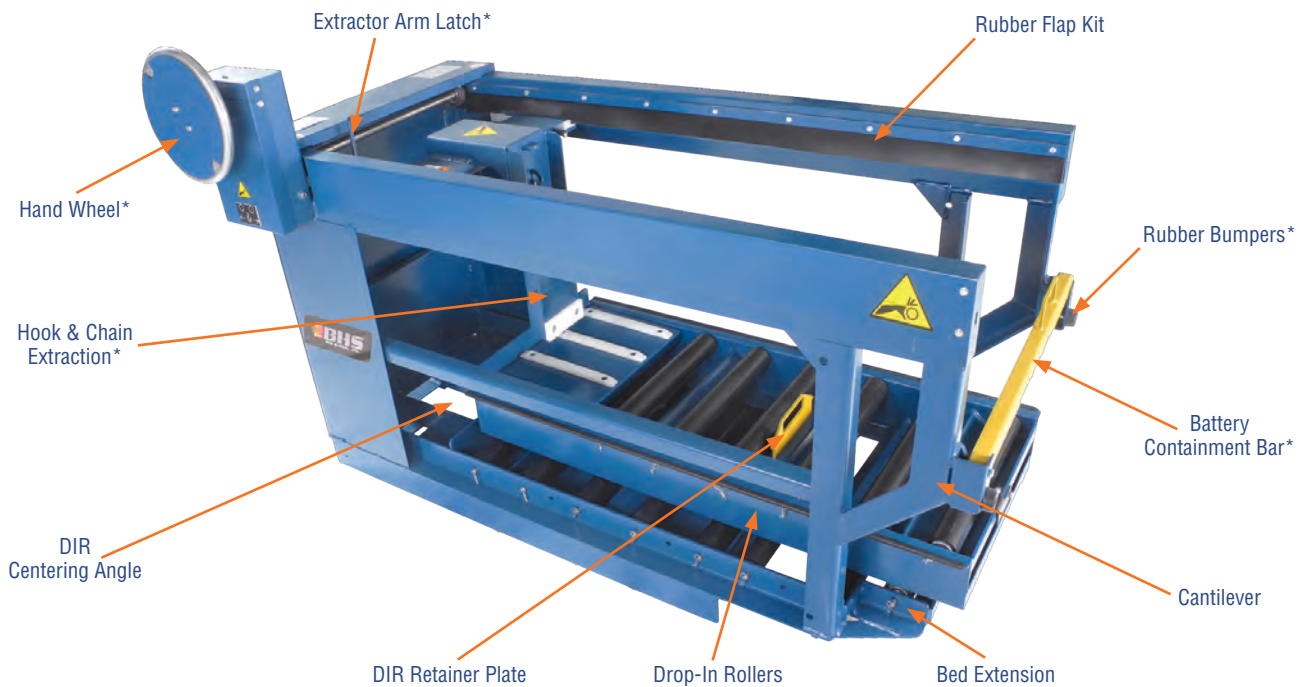
WTC-36: 36" (914 mm) wide battery compartment

FEATURES & BENEFITS

- Heavy-duty construction for added reliability
- Mounts easily to powered pallet truck—consult BHS for pallet truck specifications
- Simple design made for easy maintenance
- Large 2.4" (61 mm) diameter rollers standard
- Hook and chain extraction
- Hand wheel for positive control of the extractor arm
- Spark-proof, poly-sleeved rollers reduce corrosive build-up and extend product life (WTC-24 only)
- Battery Containment Bar encloses compartment to secure battery during transport
- Rubber Bumpers protect the industrial lift truck fleet during battery change-out
- Extractor Arm Latch automatically locks extractor arm in place when retracted



OPTIONS & STANDARD FEATURES



* Standard Feature

OPTIONS

7" Cantilever (WTC-CAN-7)

Extends extractor arm reach an additional 7" (178 mm) and is ideal for use with outriggers

7" Cantilever & 6" Extension Bed (WTC-CAN-7-6)*

7" (178 mm) additional extractor arm reach is ideal for use with outriggers, and 6" (152 mm) bed extension accommodates longer batteries

14" Cantilever & 6" Extension Bed (WTC-CAN-14-6)*

14" (356 mm) additional extractor arm reach is ideal for use with outriggers, and 6" (152 mm) bed extension accommodates longer batteries

14" Cantilever & 8" Extension Bed (WTC-CAN-14-8)*

14" (356 mm) additional extractor arm reach is ideal for use with outriggers, and 8" (203 mm) bed extension accommodates longer batteries

Uncoated Rollers (WTC-UNCTD)

Reduces roller height by 0.25" (6 mm) to accommodate low battery compartments (Available on WTC-24 model only)

Rubber Flap Kit (WTC-RGD)

Covers chains and sprockets to prevent dirt and debris from accumulating on or around chains and sprockets

Two-Tier Battery Compartment (WTC-2TIER)*

Combines two roller compartment levels in one unit, and is ideal for a combination of narrow aisle trucks and counter-balance trucks

Drop-in Rollers (WTC-DIR)*

Increases roller height up to 10" (254 mm) to reach battery compartments beyond pallet truck maximum lift, and includes the appropriate staging stand for drop-in rollers, DIR Centering Angle, and DIR Retainer Plate

Note: Recommended when WTC-2TIER is not feasible and extraction from multiple battery compartment heights is required

Drop-in Roller, Extended (WTC-DIR-LG)*

Increases roller height up to 10" (254 mm) to reach battery compartments beyond pallet truck maximum lift, and is for use with 6" (152 mm) or 8" (203 mm) bed extension

Base Elevation (WTC-BSELV)*

Increases roller height up to 10" (254 mm) to reach battery compartments beyond pallet truck maximum lift

Low Profile Bolt-in Slide (WTC-LP)*

Cost effective WTC bolt-in slide option allows roller height to be adjusted 0.88" (22 mm) lower than standard unit

Fork Pocket/Tongue Kit (WTC-FP-C)

Designed for applications where a pallet truck can't be dedicated full time to the battery changing process. Includes a welded Tongue Kit to enhance stability. Standard pallet truck rear-entry of forks.

Three-Way Fork Pocket (WTC-FP-3)

Designed for multi-purpose and multi-position. Side-entry fork pockets are designed for use with SDCB lift trucks. Rear-entry fork pockets can also be used with a pallet truck host truck when the bolt-on Tongue Kit is attached.

Bolt-On Kit (WTC-BLTON)

Semi-permanent mounting solution when pallet truck is occasionally required for other tasks

Permanent Mounting (WTC-MPJ)*

Factory welding to customer-supplied pallet truck

** Consult factory for this option.*

MODELS & SPECIFICATIONS (IMPERIAL / METRIC)

	WTC-24	WTC-30	WTC-36
Max. Load Capacity ¹	2,950 lb / 1338 kg	3,400 lb / 1542 kg	4,000 lb / 1814 kg
Battery Attachment	Hook & Chain	Hook & Chain	Hook & Chain
Primary Drive Reduction	4.5 to 1	4.5 to 1	4.5 to 1
Primary Drive Chain Size	#35	#35	#35
Rated Draw Bar Pull	50 lb / 23 kg Force @ Handwheel = 600 lb / 272 kg @ Extractor Arm	50 lb / 23 kg Force @ Handwheel = 600 lb / 272 kg @ Extractor Arm	50 lb / 23 kg Force @ Handwheel = 600 lb / 272 kg @ Extractor Arm
Full Travel Arm ²	22 Revolutions of Handwheel	22 Revolutions of Handwheel	22 Revolutions of Handwheel
Push/Pull Drive Chain Size	#50	#50	#50
Extractor Arm Drive Device	12" / 305 mm Diameter Finger Safe Handwheel	12" / 305 mm Diameter Finger Safe Handwheel	12" / 305 mm Diameter Finger Safe Handwheel
Minimum Service Aisle Width Required ³	12' / 3.66 m	12' / 3.66 m	12' / 3.66 m
Roller Diameter	2.4" / 61 mm	2.4" / 61 mm	2.4" / 61 mm
Roller Shaft Size	7/16" Hex / 11 mm	3/4" Hex / 19 mm	3/4" Hex / 19 mm
Battery Width	6" Min / 23" Max 152 mm Min / 584 mm Max	6" Min / 29" Max 152 mm Min / 737 mm Max	6" Min / 35" Max 152 mm Min / 889 mm Max
Battery Length ⁴	24" Min / 40.5" Max 610 mm Min / 1029 mm Max	24" Min / 40.5" Max 610 mm Min / 1029 mm Max	24" Min / 40.5" Max 610 mm Min / 1029 mm Max
Battery Height	12" / 305 mm Min	12" / 305 mm Min	12" / 305 mm Min
Overall Length	64.25" / 1632 mm Standard 71.25" / 1810 mm CAN-7 Option 78.25" / 1988 mm CAN-14 Option	64.25" / 1632 mm Standard 71.25" / 1810 mm CAN-7 Option 78.25" / 1988 mm CAN-14 Option	64.25" / 1632 mm Standard 71.25" / 1810 mm CAN-7 Option 78.25" / 1988 mm CAN-14 Option
Overall Width	37.5" / 953 mm	43.5" / 1105 mm	49.5" / 1257 mm
Overall Height	46.25" / 1175 mm	46.25" / 1175 mm	46.25" / 1175 mm
Base to Roller Height	3" / 76 mm	3" / 76 mm	3" / 76 mm
Roller Width	24.5" / 622 mm	30.5" / 775 mm	36.5" / 927 mm
Extended Arm Reach (Beyond Roller Bed)	4" / 102 mm Standard 11" / 279 mm CAN-7 18" / 457 mm CAN-14	4" / 102 mm Standard 11" / 279 mm CAN-7 18" / 457 mm CAN-14	4" / 102 mm Standard 11" / 279 mm CAN-7 18" / 457 mm CAN-14
Service Weight (unloaded)	525 lb / 238 kg	635 lb / 288 kg	700 lb / 317 kg

Notes: BHS recommends that high-speed travel be disabled on pallet truck and maximum speed set at turtle or lowest setting.

1. Verify capacity of pallet truck being used at the specified load center. Load center increases by 0.5" (13 mm) for every inch of battery over 38" (965 mm) in length. Certain options may affect load capacity. Consult factory.
2. Standard length (non-cantilever units) only.
3. Varies with size and length of pallet truck and selected WTC options.
4. Consult factory for additional options.

