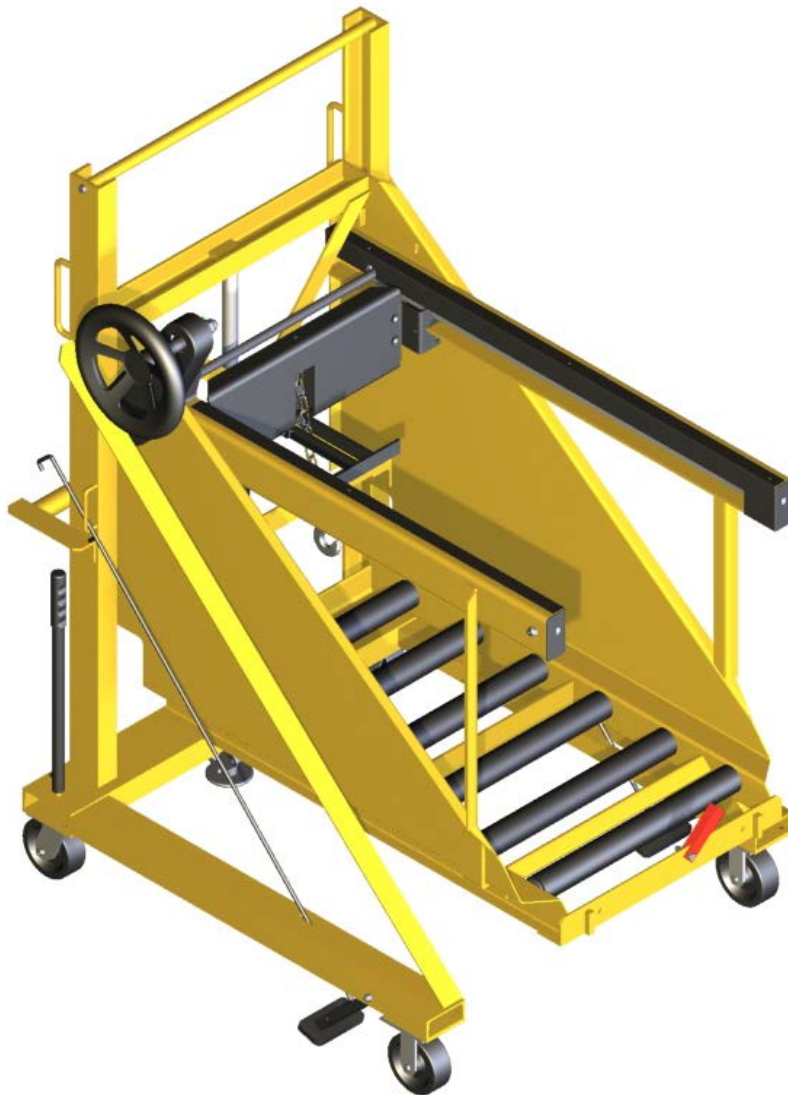




**MATERIALS
TRANSPORTATION
COMPANY™** *An Employee Owned Company*
ENGINEERS / DESIGNERS / MANUFACTURERS

MTC Model BT-ML 16, 24, 30 Battery Transporter



Introduction

The Model BT-ML Battery Transporter (BT) was designed to provide a safe and economical battery handling solution for smaller lift truck fleets. The BT does not require a pallet truck and can be operated by one person. The BT utilizes gears, chains, and a hand wheel, to manually pull a battery out of one compartment, transport it, and slide it into another compartment.

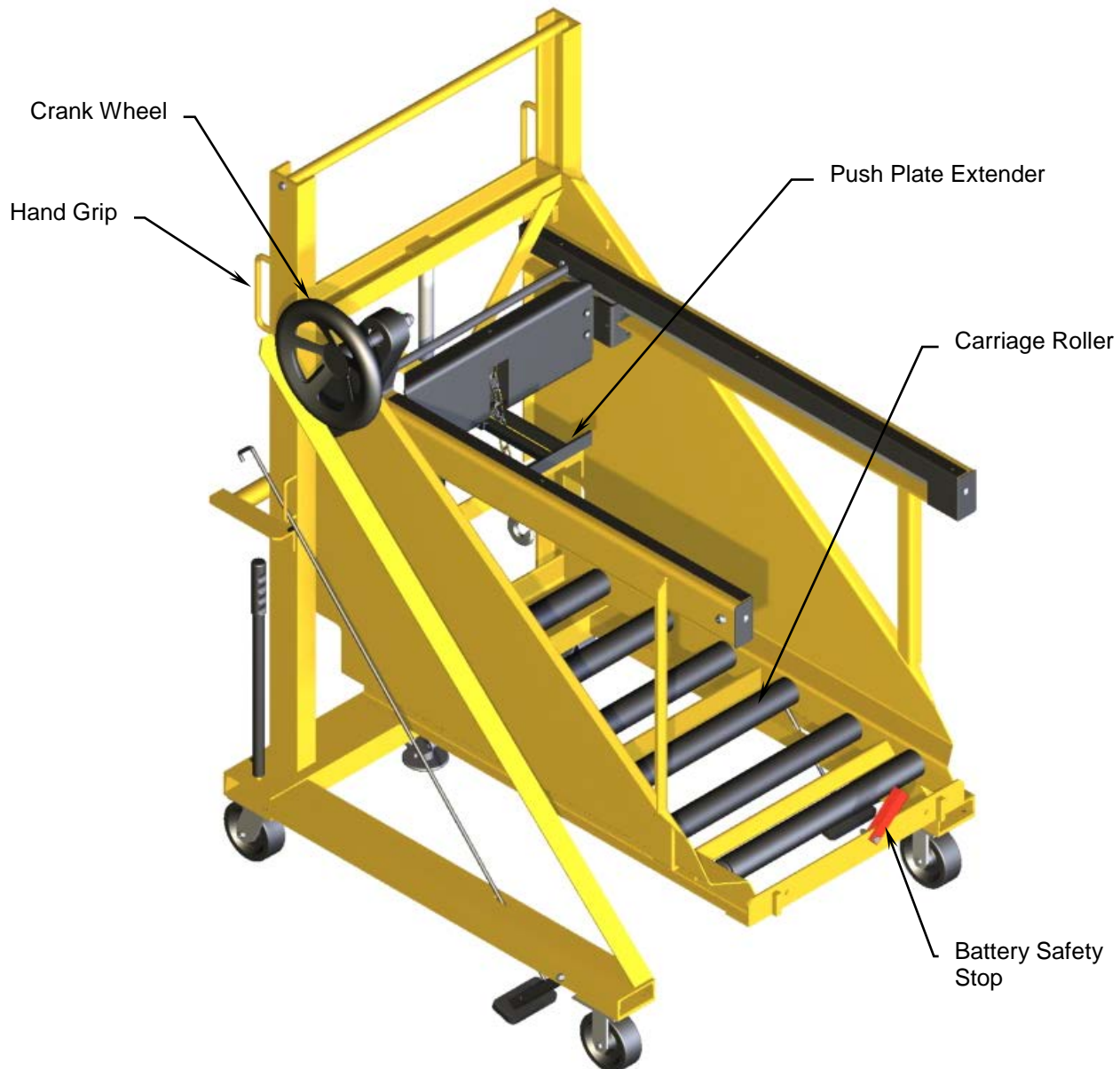


Figure #1. Battery Transporter

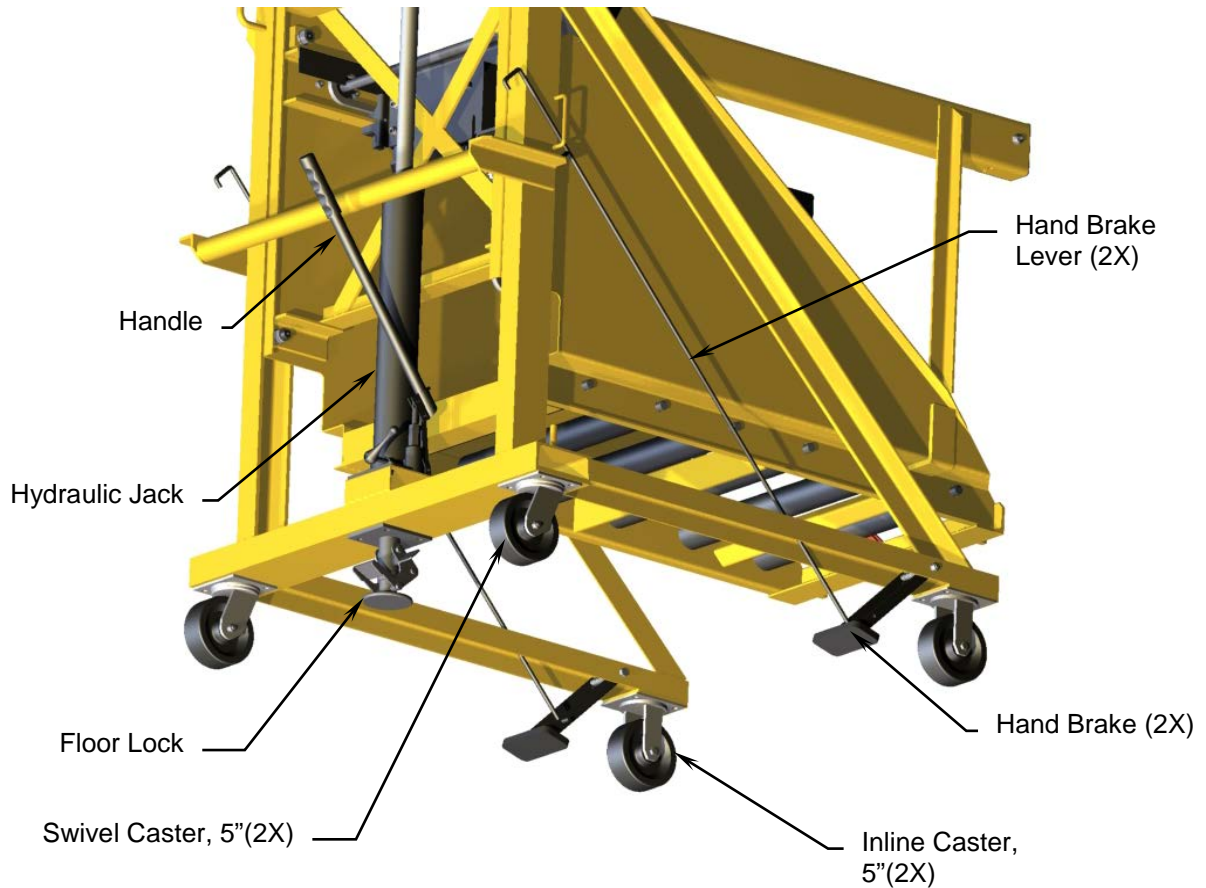


Figure #2. BT-ML (Back View)

Safety Design

Safety of operation is of prime concern in the design of the Battery Transporters. The following features provide safe and easy operation.

Battery Safety Stop

The safety stop must be down to load and unload batteries. The safety stop prevents batteries from rolling off the carriage and must be deployed to transport batteries. Figure #3 shows the battery safety stop.



Down



Up

Figure #3. Battery Safety Stop

Ratchet Transfer System

The ratcheting sprocket mechanism shown in Figure #4 reduces the force required to move the battery on and off the carriage rollers.

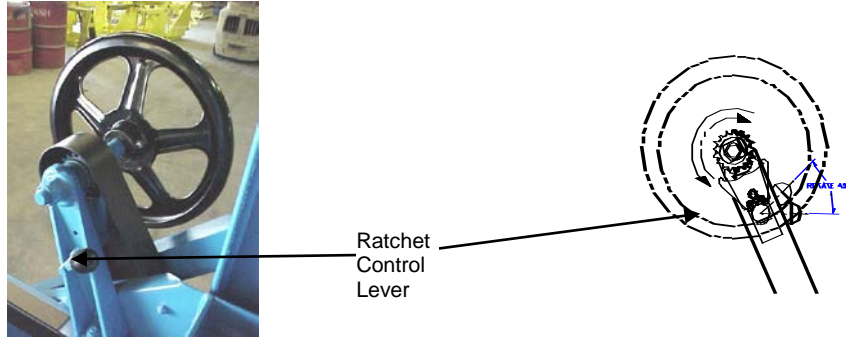


Figure #4. Ratchet Mechanism

Floor Lock

The floor lock, shown in Figure #5, stabilizes the BT when a battery is being loaded or unloaded.

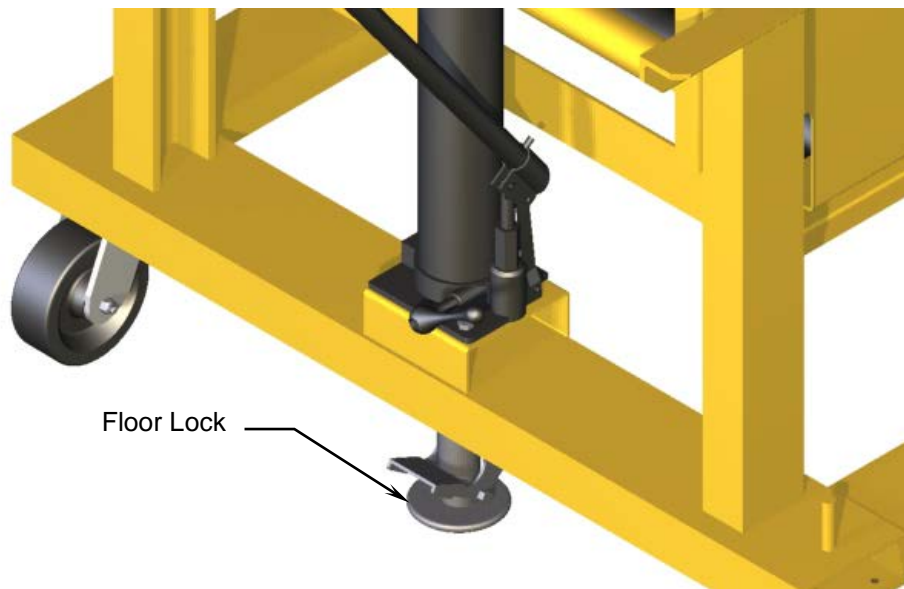


Figure #5. Floor Lock

Hand Brakes

Two hand brakes, left and right, shown in figure #6 stabilize the BT when a battery is being loaded or unloaded.

Hydraulic Jack

The hydraulic jack, shown in figure #6, provides powerful and dependable lifting capabilities for the BT.

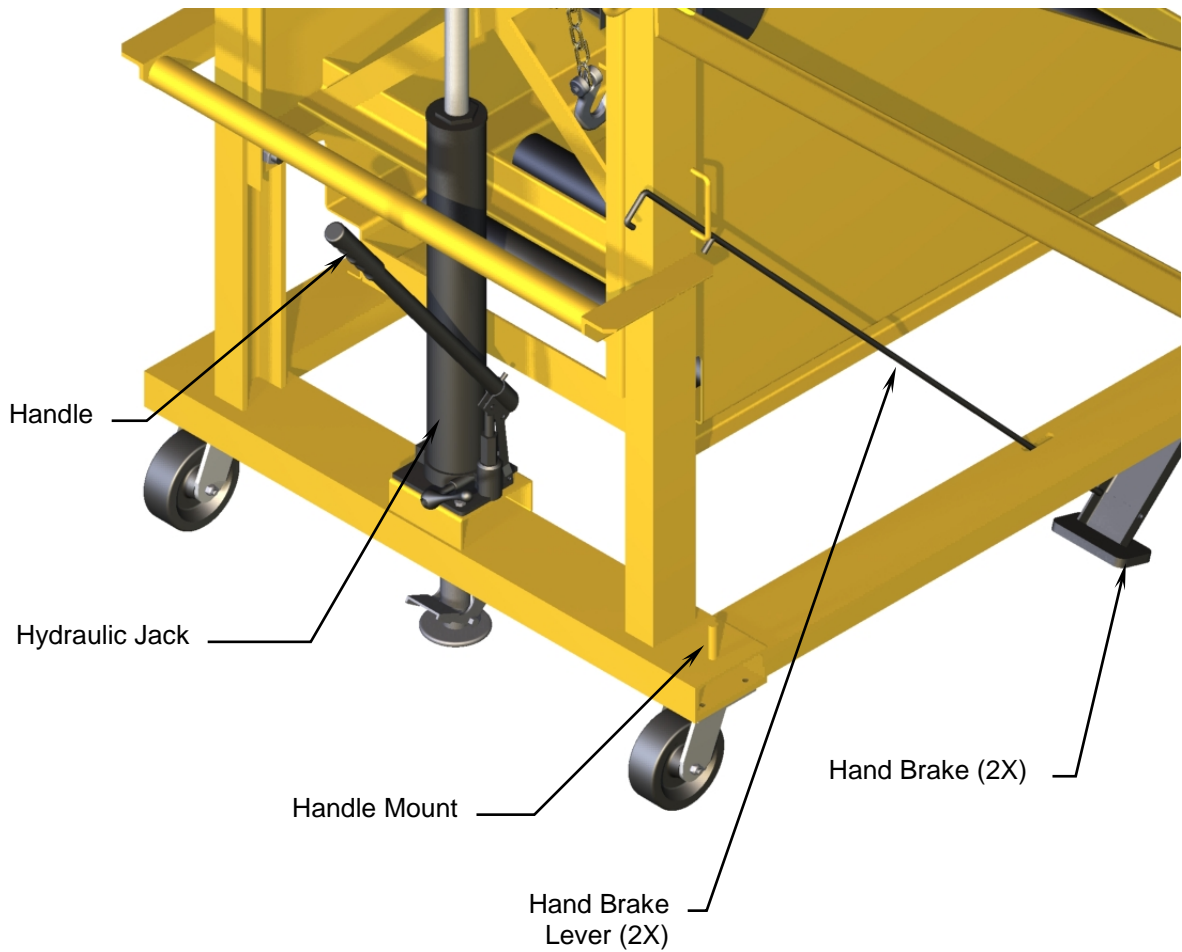


Figure #6. Hydraulic Jack/ Hand Brake

Dimensions

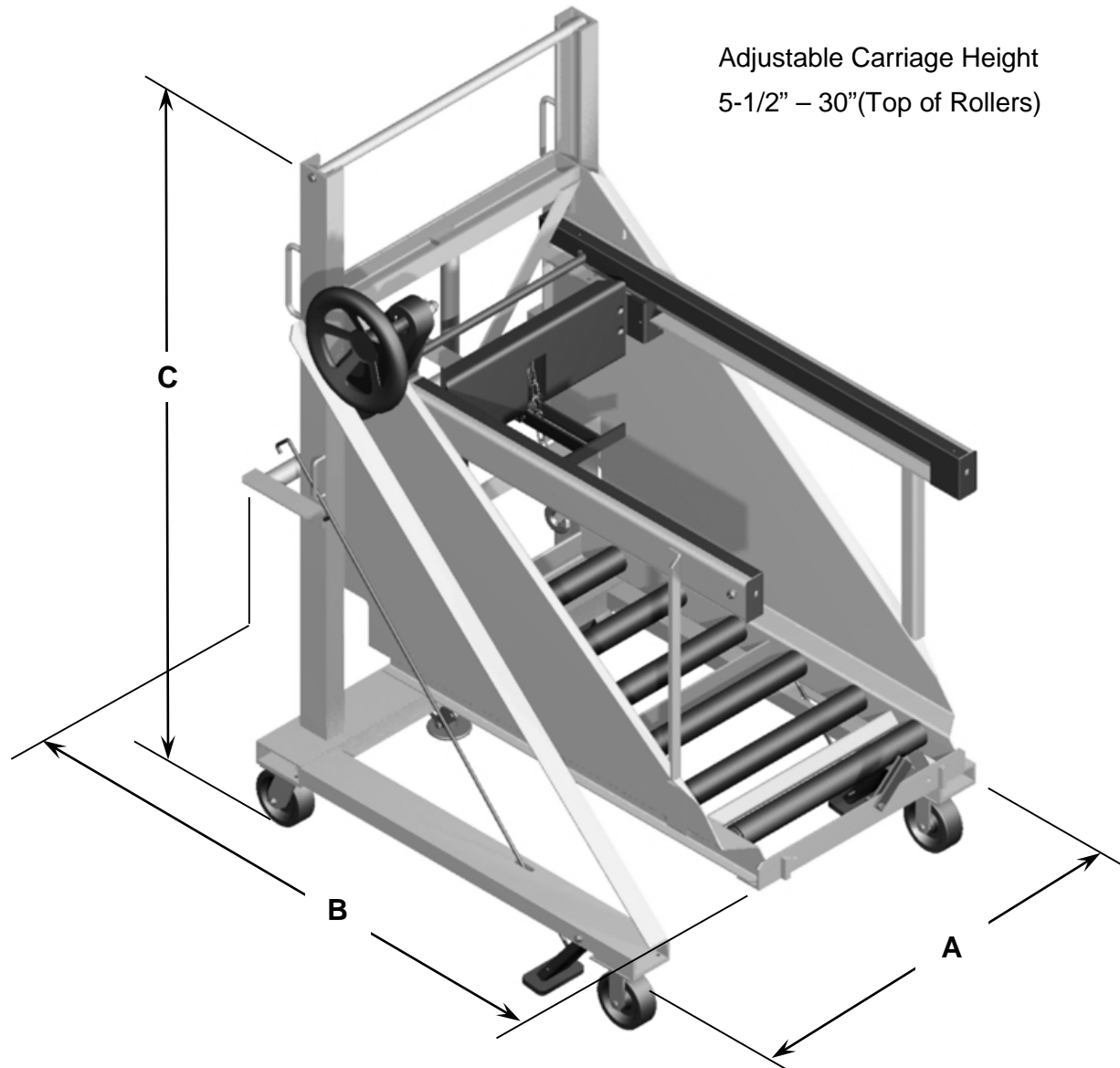


Figure #7. BT Battery Transporter

A	B	C	
32-3/16"	53-7/16"	54-1/4"	BT-16-ML
38-3/8"	53-15/16"	62-1/4"	BT-24-ML
48-13/16"	53-3/16"	63-13/16"	BT-30-ML

Statement of Warranty

(There are no warranties that extend beyond the description on the face hereof.)

Materials Transportation Company ("MTC") warrants to and for the sole benefit of the original purchaser of its equipment, that such equipment is free from defects in materials and workmanship under normal and proper use, operation, and maintenance. This warranty shall remain in effect for a period of one (1) year from the date of delivery of the equipment to the original purchaser.



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