

# PRO Series® THE NEXT GENERATION OF BATTERY HANDLING EQUIPMENT

## BATTERY TUGGER MANUAL



**PRO**SERIES®

BATTERY HANDLING EQUIPMENT

# BATTERY HANDLING EQUIPMENT

## BTM BATTERY HANDLING EQUIPMENT

Inspired by the hand pallet truck design, the BTM battery handling equipment has been expertly engineered to operate identical to a hand pallet truck that utilizes a positive braking system that allows for zero pushback during the battery change. With precision wheel bearings and large, solid (no compression) wheels, the BTM battery handling equipment allows for easy control and movement for tight turning and maneuverability.

Available in two convenient sizes of 24" and 36", the BTM battery handling equipment is a battery transporter with a mechanical loader, ideal for your maintenance shop or for facilities with a small battery fleet.

### Specialized Engineering

The BTM battery handling equipment series has been specifically designed to remove batteries from lift trucks for servicing and preventative maintenance, or to change out batteries when necessary.

The unit uses precision steel roller bearings in the oversized front load wheels to reduce static load resistance. This technology allows virtually anyone to push a 1,551kgs battery with little effort.

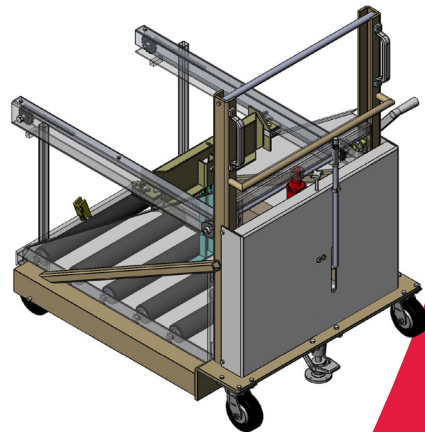
Its single pin steering mechanism makes the BTM battery handling equipment operate like a hand pallet truck, and the compact unit offers convenient waist-high lifting and lowering using hand controls. It also includes an integrated hand pump jack that allows you to raise the roller bed to meet the height of most lift trucks.

The gear reduction mechanical drive aids in pushing and pulling the batteries in and out of the lift truck as the operator manually cranks the handle, similar to a boat winch. The winch utilizes an anti-backlash for added safety if the crank handle slips.

The battery compartment is available in two convenient sizes of 609mm or 914mm.

## FEATURES AND BENEFITS

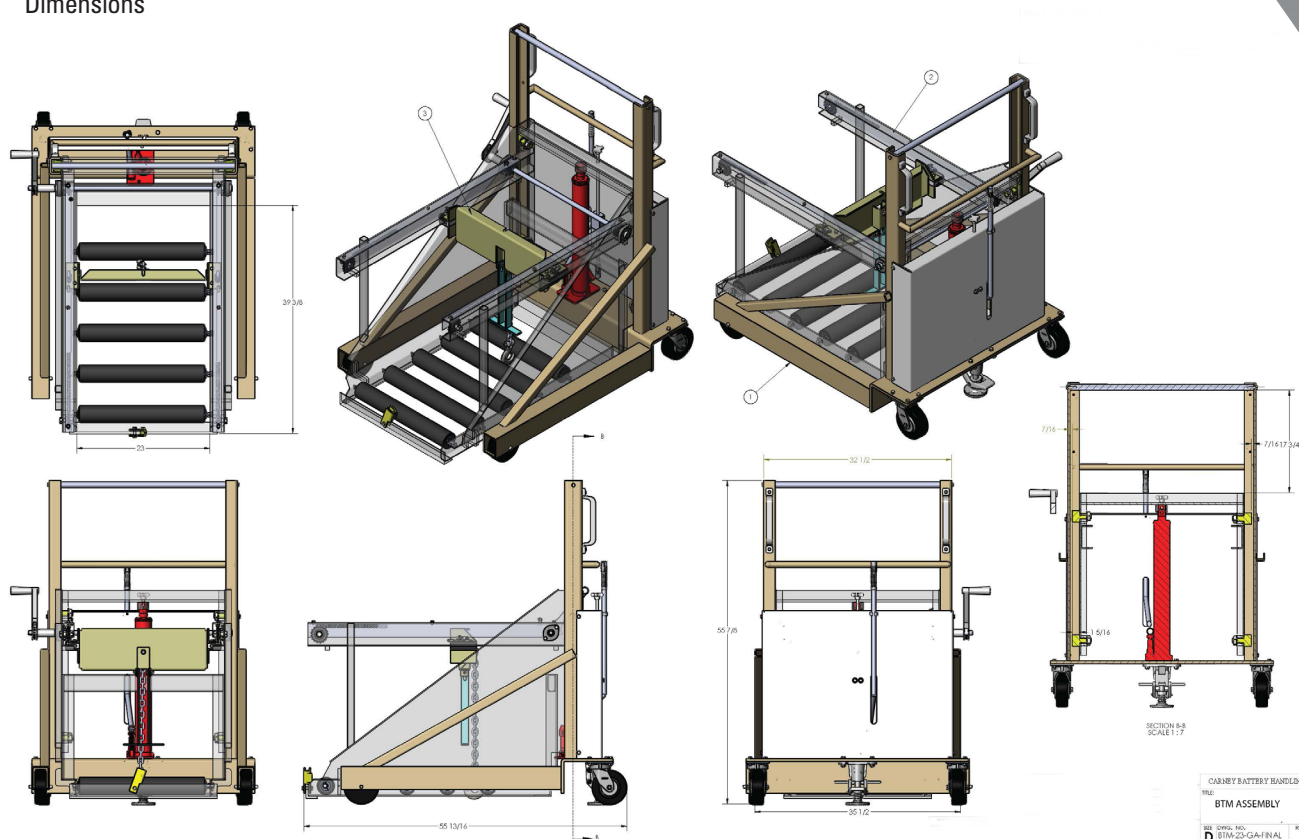
- Hand crank activated positive braking system (optional)
  - No chain latching required when loading a battery into a lift truck. When the brake is engaged, there is no possible pushback.
- 3-Point pallet truck design with solid wheels
  - Extremely easy to turn and move while fully loaded
- Single point push/pull travel
  - Allows for tight turning and easy maneuverability
- Hand pallet truck lift mechanism
  - Convenient waist-high lifting and lowering using hand controls
- Stand-alone compact unit
  - Does not require a fork truck
- Ratchet crank handle
  - Protects the operator from injury if crank handle slips
- Battery safety stop
  - Prevents the battery from accidental rollout during transportation



# BATTERY HANDLING EQUIPMENT

## BTM BATTERY HANDLING EQUIPMENT

### Dimensions



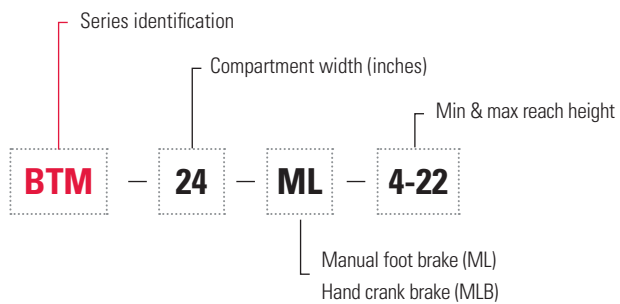
### Specifications

MODEL NO.	BTM-24		BTM-36	
Lift Range	4" to 22.5"	101.6 to 571.5 mm	4" to 22.5"	101.6 to 571.5 mm
Maximum Battery Length	40"	1016 mm	40"	1016 mm
Maximum Battery Width	23"	584.2 mm	35.5"	901.7 mm
Maximum Battery Weight	3200 lbs	1455 kg	3200 lbs	1455 kg
Minimum Battery Height	20"	508 mm	20"	508 mm
Maximum Battery Height	32"	812.8 mm	32"	812.8 mm
Overall Length	58"	1473.2 mm	58"	1473.2 mm
Overall Width	41"	1041.4 mm	53"	1346.2 mm
Overall Height	55.5"	1409.7 mm	55.5"	1409.7 mm
Shipping Weight	708 lbs	322 kg	778 lbs	354 kg

# BATTERY HANDLING EQUIPMENT

## MODEL/PART NUMBER BREAKDOWN

Example: BTM-24-ML-4-22



## BATTERY HANDLING EXPERTISE

Whatever the size of your battery fleet, PRO Series® battery handling solutions can help you streamline your battery changing operation with a safe, productive and cost-efficient system. From initial design, drawings and engineering through to complete installation and project management, PRO Series® battery handling solutions can support your operation with everything you'll ever need for effective battery charging and changing. Let us plan your success.

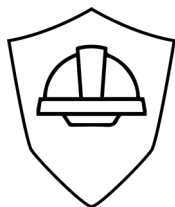
PRO Series® battery handling solutions include a range of systems and equipment that comply with health and safety regulations. Using the latest CAD software, we will design a system that matches the needs of your business. With PROSeries® battery handling solutions, you'll enjoy the highest degree of safety and ease of operation of any equipment available today – all backed by our skilled design and installation capabilities.

### OUR EXCLUSIVE PARTNERSHIP WITH CARNEY BATTERY HANDLING LTD

Since 1984, Carney Battery Handling Ltd has globally provided EnerSys® with turn-key battery room solutions, sharing our mission to innovate, design, and create quality critical battery room solutions as dedicated partners.

Our dependable alliance allows us to provide dedicated support, delivering tailored engineering and design individualized for every customer.

With an emphasis on quality and safety, all our equipment is rigorously tested for real-world environments ensuring its readiness to meet the demands of any application.



**COMMITTED TO QUALITY  
EVERYWHERE FOR EVERYONE.**

[www.enersys.com](http://www.enersys.com)

**PROSERIES®**

# WHEREVER YOU DO BUSINESS, ENERSYS® CAN SUPPORT YOU WITH MOTIVE POWER ENERGY.

## ABOUT ENERSYS®

EnerSys, the global leader in stored energy solutions for industrial applications, manufactures and distributes energy systems solutions and motive power batteries, specialty batteries, battery chargers, power equipment, battery accessories and outdoor equipment enclosure solutions to customers worldwide.

Energy Systems, which combine enclosures, power conversion, power distribution and energy storage, are used in the telecommunication, broadband and utility industries, uninterruptible power supplies, and numerous applications.

Motive Power batteries and chargers are utilized in electric forklift trucks and other industrial electric powered vehicles requiring stored energy solutions. Specialty batteries are used in aerospace and defense applications, large over-the-road trucks, premium automotive, medical and security systems applications.

EnerSys also provides aftermarket and customer support services to its customers in over 100 countries through its sales and manufacturing locations around the world. With the recent NorthStar acquisition, EnerSys has solidified its position as the market leader for premium Thin Plate Pure Lead batteries which are sold across all three lines of business.

More information regarding EnerSys can be found at [www.enersys.com](http://www.enersys.com).



**EnerSys EMEA**  
EH Europe GmbH  
Baarerstrasse 18  
6300 Zug  
Switzerland

**EnerSys Ltd (UK)**  
Oak Court, M60 Office Park,  
Wynne Avenue,  
Swinton,  
Manchester, M27 8FF

Please refer to the website address for details of your nearest EnerSys office: [www.enersys.com](http://www.enersys.com)

© 2022 EnerSys. All rights reserved. Trademarks and logos are the property of EnerSys and its affiliates unless otherwise noted. Subject to revisions without prior notice. E.&O.E.  
EMEA-EN-PG-PRO-BTM-0722

**EnerSys EMEA Motive Power - Working in partnership with Carney Battery Handling Ltd.**

[www.enersys.com](http://www.enersys.com)

**PROSERIES®**

