

PROSERIES[®]

Battery Tugger Manual Battery Handling Equipment



OWNER'S MANUAL

CONTENTS

Introduction3

Specialized Engineering4

Key Features and Benefits6

Specifications.....7

INTRODUCTION

PROSERIES[®]

The information contained in this document is critical for safe handling and proper use of the Battery Tugger Manual. It contains a global system specification as well as related safety measures, codes of behavior, a guideline for commissioning, and recommended maintenance. This document must be retained and available for users working with and responsible for the battery handling equipment. All users are responsible for ensuring that all applications of the system are appropriate and safe, based on conditions anticipated or encountered during operation.

This owner's manual contains important safety instructions. Read and understand the sections on safety and operation of the battery before operating the battery and the equipment into which it is installed.

It is the owner's responsibility to ensure the use of this documentation and all related activities comply with applicable legal requirements in their respective countries.

This owner's manual is not intended to substitute for any training on handling and operating the Battery Tugger Manual that may be required by local laws and/or industry standards. Proper instruction and training of all users must be ensured prior to any contact with the battery system.

For service, contact your sales representative or call:

EnerSys EMEA
EH Europe GmbH
Baarerstrasse 18
6300 Zug, Switzerland
Tel: +41 44 215 74 10

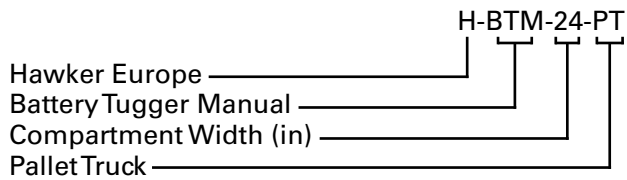
EnerSys World Headquarters
2366 Bernville Road
Reading, PA 19605, USA
Tel: +1-610-208-1991
+1-800-538-3627

EnerSys APAC
No. 85, Tuas Avenue 1
Singapore 639518
+65 6558 7333
www.enersys.com

Your Safety and the Safety of others is Very Important

⚠ WARNING You can be killed or seriously injured if you don't follow these instructions.

SPECIALIZED ENGINEERING



This manual contains important information to help you properly operate and maintain your Battery Tugger Manual for maximum performance, economy, and safety. By practicing correct operating procedures and by carrying out the recommended preventive maintenance suggestions, you will experience long, dependable, and safe service.

Specialized Engineering

Inspired by the hand pallet truck design, the Battery Tugger Manual (BTM) has been expertly engineered to operate the same as a hand pallet truck utilizing 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 allows for easy control and movement for tight turning and maneuverability.

The BTM 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 1551 kg battery with little effort.

Its single pin steering mechanism allows the BTM to 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, 609mm or 914mm.

Specialized Engineering (cont.)

Available in two convenient sizes of 584.2 mm and 901.7 mm, the BTM is a battery transporter with a mechanical loader, ideal for your maintenance shop or for facilities with a small battery fleet.



Front view with carriage in raised position



Rear view with carriage in raised position

KEY FEATURES AND BENEFITS

Key Features and Benefits

Hand crank activated positive braking system (optional)	No chain latching is 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 lift truck.
Ratchet crank handle	Protects the operator from injury if crank handle slips.
Battery safety stop	Prevents the battery from accidental rollout during transportation.



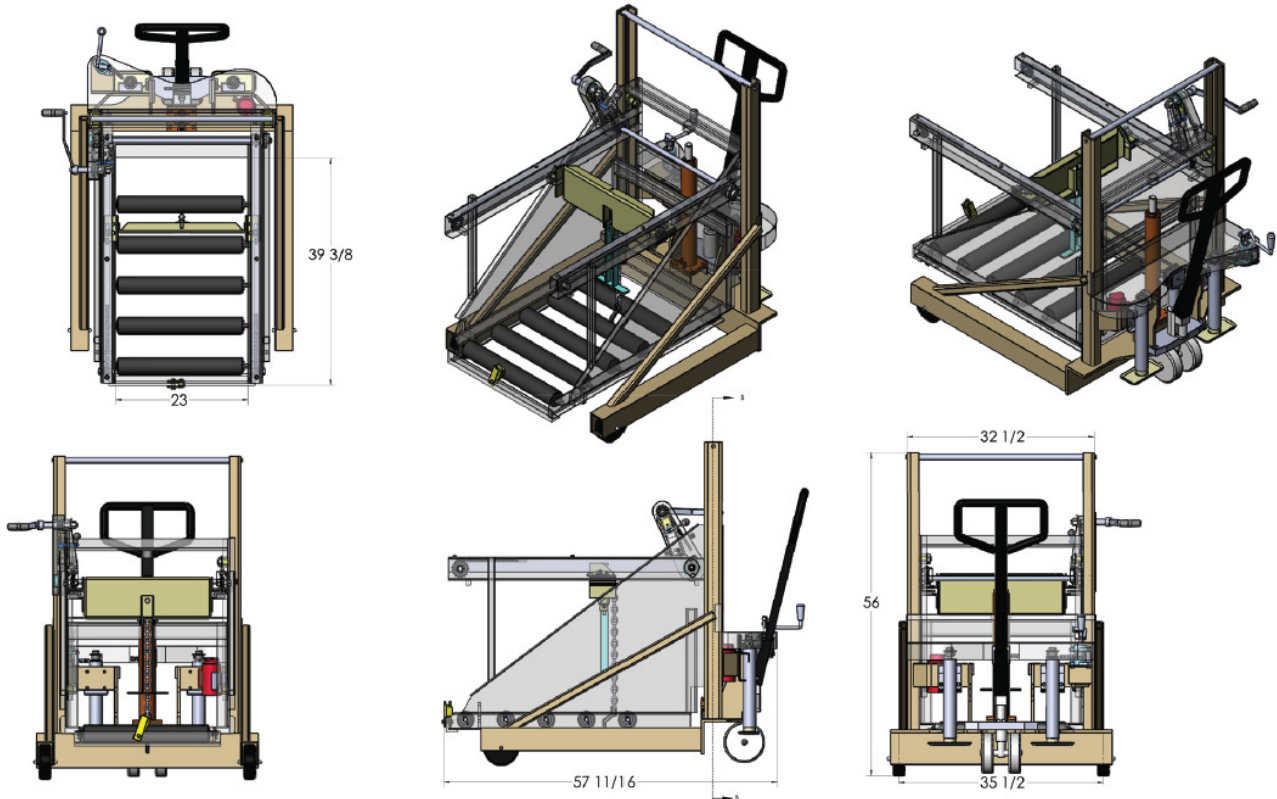
Convenient waist-high lifting and lowering using hand controls



Optional hand crank activated positive braking system with no pushback when the brake is engaged

SPECIFICATIONS

Specifications



Product Specifications				
Model	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
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

www.enersys.com

© 2024 EnerSys. All rights reserved. Unauthorised distribution prohibited. Trademarks and logos are the property of EnerSys and its affiliates except UL, CE, and UK CA, which are not the property of EnerSys. Subject to revisions without prior notice. E.&O.E.

EMEA-EN-OM-PROS-BTM-1124

EnerSys[®]

Power/Full Solutions