

PRO Series[®]
THE NEXT GENERATION
OF BATTERY HANDLING
EQUIPMENT

UNI-TUGGER



PROSERIES[®]

BATTERY HANDLING EQUIPMENT

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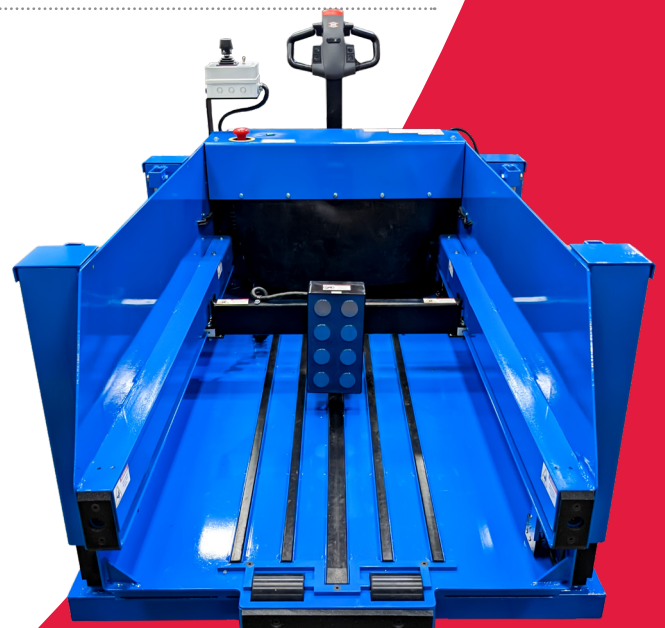
UNI-TUGGER

Designed to amplify a standard pallet truck, our universal tugger comes equipped with a linear actuator system, powerful electromagnet, and accommodations for various roll-off heights. Adaptable to your operational needs, the UNI-Tugger is outfitted with logical controls for efficient changing and finished in an acid-resistant powder coating to withstand harsh conditions.

The latest addition to our globally recognized BTE series, the UNI-Tugger lowers the risk of material damage and reduces strain on employees, ultimately improving productivity and streamlining changes.

FEATURES

- Variable speed joystick and emergency stop controls
 - Two handed controls for added operator safety.
- Roll-out height range
 - Designed to be used with customer's own host pallet truck which requires no additional power to operate the UNI-Tugger.
- Host pallet truck must have a lifting capacity of 1632lbs/740kg (for UTE-30) or 1821lbs/826kg (for UTE-36) + the heaviest battery to be changed
- Host pallet truck forks must be 1600mm long (minimum) x 550mm to 680mm wide
- Integrated lift using linear actuator system
- Simple and logical controls:
 - Forward/reverse, raise/lower controls by host truck
 - Intrinsic lift of 305mm built into the UNI-Tugger
 - Raise/lower via buttons on side of Variable Speed Joystick housing
 - Magnet bridge travel with variable speed joystick control
 - Magnet power on/off switch with 5-minute time-out
- 10-year warranty on the electromagnet!



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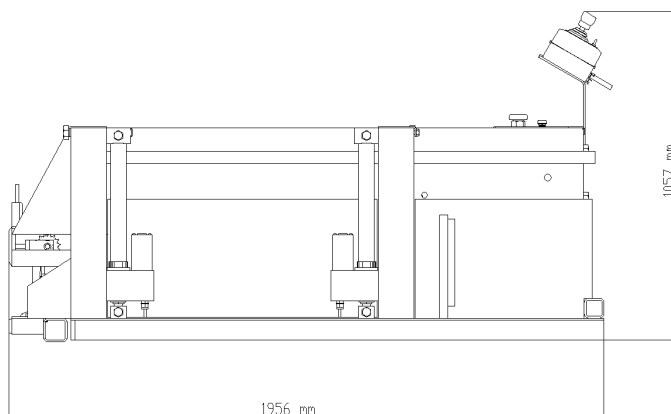
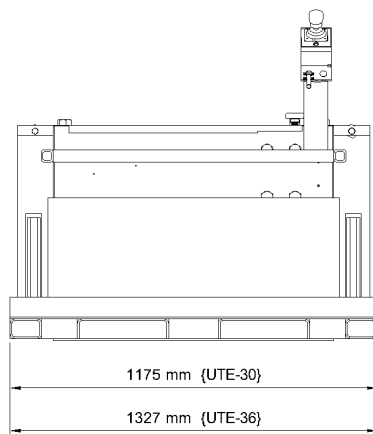
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PRODUCT BENEFITS

- Compatible with a variety of battery sizes & roll-off heights
- Offers an “off the shelf” solution for a large part of the market
- Permanently bolted to host pallet truck
- Can be held in stock due to flexible capability
- Competitively priced

AVAILABLE OPTIONS (AT ADDITIONAL COST)

- Custom colour
- Fold down battery guide for narrow batteries
- Front safety gate, if local regulations specify
- 10-pole magnet available for batteries over 1,600 kg



BATTERY HANDLING EQUIPMENT

PRODUCT SPECIFICATIONS

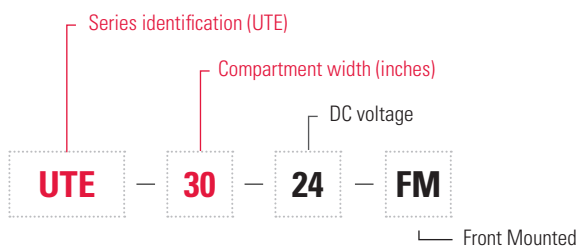
DESCRIPTION		UTE-30-24-FM		UTE-36-24-FM	
		STANDARD	METRIC	STANDARD	METRIC
1	Maximum battery weight	5000 lbs	2267kg	5000 lbs	2267 kg
2	Powerpack type	Gear reduced electric			
3	Motor type	Permanent magnet DC			
4	System voltage	24 Volt DC			
5	Magnet size/pole	8" x 8	203 mm x 8	8" x 8	203 mm x 8
6	Standard colour	Blue			
7	Minimum roll out height (with 85mm closed PPT forks)	4.5"	115 mm	4.5"	115 mm
8	Maximum roll-out height	21.25"	540 mm	21.25"	540 mm
9	Required host truck capacity	1632 lbs + battery weight	740 kg + battery weight	1821 lbs + battery weight	826 kg + battery weight
10	Lift speed	0.033m/s			
11	Lift stroke of host truck	4.8"	120 mm	4.8"	120 mm
12	Magnet reach outside of UNI Tugger	5.4"	138 mm	5.4"	138 mm

PRODUCT DIMENSIONS

DESCRIPTION		UTE - 30 - 24 - FM		UTE - 36 - 24 - FM	
		STANDARD	METRIC	STANDARD	METRIC
12	Overall length	76"	1956 mm	76"	1956 mm
13	Overall width	46.25"	1175 mm	52.25"	1327 mm
14	Overall height	41 5/8"	1057 mm	41 5/8"	1057 mm
15	Maximum battery compartment depth	49"	1245 mm	49"	1245 mm
16	Battery compartment width	30"	762 mm	36"	914 mm
17	Maximum battery width	29"	736 mm	35"	889 mm
18	Maximum roll out the height	21.25"	540 mm	21.25"	540 mm

MODEL/PART NUMBER BREAKDOWN

Example: UTE-30-24-FM



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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.

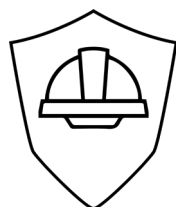
PRO Series® battery handling solutions include a range of systems and equipment that comply with health and safety regulations. Using the latest CAD software, we will design a system that matches the needs of your business. With PRO Series® battery handling solutions, you'll enjoy the highest degree 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.**

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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.



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