

PRO Series® THE NEXT GENERATION OF BATTERY HANDLING EQUIPMENT

COBRA TUGGER



PRO SERIES®

BATTERY HANDLING EQUIPMENT

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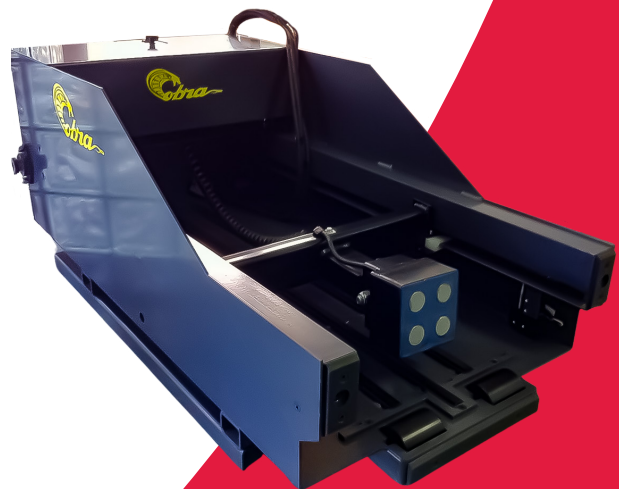
COBRA TUGGER BATTERY HANDLING EQUIPMENT

The Cobra Tugger battery handling equipment offers a safe and reliable solution for light duty battery changing applications. Mounted on a 24 volt pallet truck, the Cobra Tugger battery handling equipment is a simple and cost-effective way to manage low volume change requirements with a capacity of up to 2,300 lbs.

Combined with a fully electric drive system and a powerful 900 lbs electromagnet extraction, the Cobra Tugger battery handling equipment has the same rugged uni-body construction as the BTE battery handling equipment series and is equipped with many of the technologies employed on our larger units, including tough battery sliders, added safety features and innovative slider bed design. The low-profile design and simple user controls allow operators to quickly and effectively perform changes in a safe manner.

FEATURES

- Powerful 900 lbs electromagnet extraction for safe, quick and reliable changes, with up to 2,300 lbs battery capacity
 - Batteries on a slide strip bed
- Electric Drive Push Pull System with damage free circuit breaker system
 - Allows for maintenance free operation and reduces damage from misuse
- Durable Acid Resistant Powder-Coat Paint
 - Resists battery acid and other contaminants
- Operates on the host truck's battery pack or industrial battery via a provided parallel jumper cable, available in 24 volts.
 - No additional power source required
- Built to last
 - With robust unibody construction and complete electrical system for low lifetime cost of ownership



BATTERY HANDLING EQUIPMENT

AVAILABLE OPTIONS

Mounting Options

Part #	Description
BT-Pedestal	Tugger Pedestal Mounting Spacer (Other than standard height of 2")
BT-QC-PT	Quick Clamp (Pallet Truck)
BT-QC-FT	Quick Clamp (Fork Lift Truck)

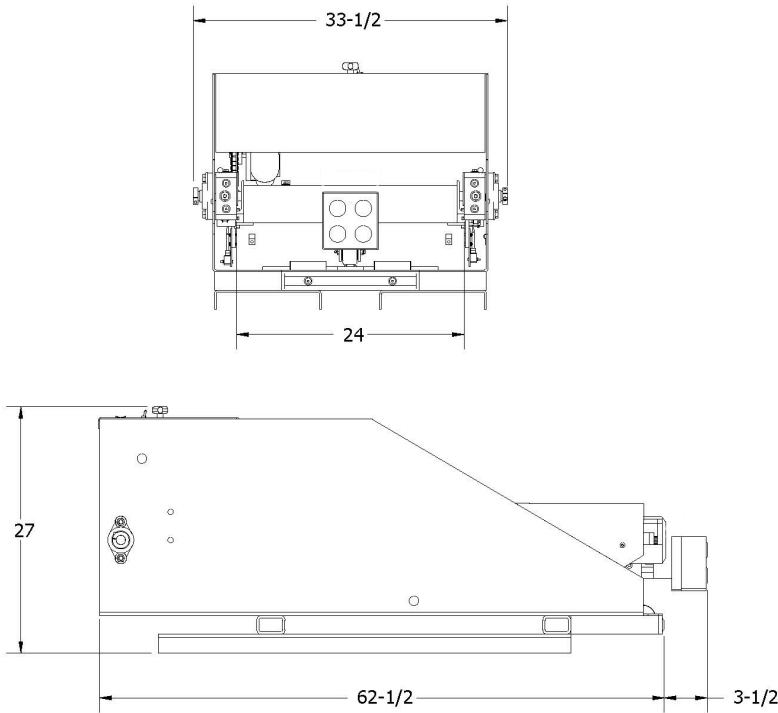
Carriage Frame Options

Part #	Description
BT-CL	Custom Length Battery Tugger
BT-FP-3.5	3.5" deep Fork Pockets
BT-FP-2	2" Deep Fork Pocket
BT-SG	Safety Gate Bolt-On (Bar option)
BT-BGF	Fold-down Battery Guide

Arm Options

Part #	Description
BT-AEX	Tugger Arm Extension (with tugger order) Standard reach is 5.5"

Note: With every inch of arm length added you will lose battery length capacity in the carriage



BATTERY HANDLING EQUIPMENT

PRODUCT SPECIFICATIONS

DESCRIPTION		STANDARD	METRIC
1	Maximum battery carrying capacity	5000 lbs	2267 kg
2	Power pack type	Gear reduced electric	
3	Motor type	Permanent magnet DC	
4	System voltage	24 Volt DC	
5	Magnet size / pole	6" x 6" / 4	150 mm x 150mm / 4
6	Lead-in roller diameter	3" UHMW	76 mm UHMW
7	Roller shaft diameter	1/2"	12.7 mm
8	Drive chain type & size	Industrial #50	
9	Rated drawbar push/pull		
	Pull on 1/4" (6.4 mm) plate	1,280 lbs	580 kg
	Pull on 3/16" (4.75 mm) plate	900 lbs	408 kg
	Pull on 1/8" (3.2 mm) plate	525 lbs	238 kg
10	Magnet reach past bumpers	3-1/2"	89 mm
11	Service weight	588 lbs	267 kg

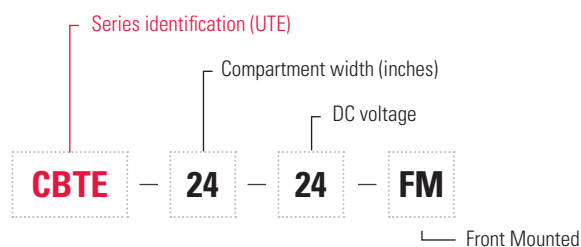
PRODUCT DIMENSIONS

DESCRIPTION		STANDARD	METRIC
13	Overall length	62-1/2"	1588 mm
14	Overall width	33-1/4"	844 mm
15	Overall height (body)	27"	686 mm
16	Magnet extension past bumper	3-1/2"	89 mm
17	Battery compartment width	24"	610 mm
18	Depressed clearance	8-3/4"	222 mm
19	Maximum battery length	41"	1042 mm
20	Maximum battery width	23"	584 mm
21	Minimum battery width	8"	203 mm
22	Minimum battery height	9"	279 mm
23	Ground to roller height (mounted to pallet truck)	6-5/8"	158 mm

* When fitted to a standard pallet truck with 3.35" (86mm) thick forks

MODEL/PART NUMBER BREAKDOWN

Example: CBTE-24-24-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.

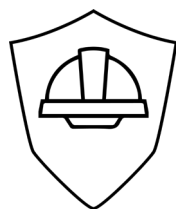
PRO Series® battery handling solutions include a range of systems and equipment that comply with health and safety regulations. Using the latest CAD software, we will design a system that matches the needs of your business. With PROSeries® battery handling solutions, you'll enjoy the highest degree of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

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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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