

PRODUCT CATALOGUE

2A - 14 REGAN ROAD BRAMPTON ONTARIO L7A 1B9

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WWW.CARNEYBATTERYHANDLING.COM

For over 35 years, Carney Battery Handling (CBH) Ltd. Has been recognized as the global leader in the innovation, design, and manufacturing of complete battery room solutions. Our primary focus is to drive customer satisfaction by delivering the highest quality and safest products, whether they be single battery stands, manual changers, or large-scale fully automated systems supporting hundreds of batteries. Our innovation group was the first to offer an efficient man- aboard hydraulic battery changer called the "Battery Bull," which eliminated the need to perform manual battery changes and drastically cut down battery change time.

Operating from our 60,000 sq. ft production facility in Brampton, Ontario, our design, engineering, fabrication, and assembly plant is housed in one central location. This allows CBH to be highly responsive when supporting our global network of customers. Our comprehensive spare parts program and support infrastructure ensure that our customers access our extensive parts inventory and knowledgeable service staff. CBH strives to grow our business while expanding our products to meet the needs of the ever-changing market in the material handling industry. We are dedicated to supporting our business partners with quality products, fast response time, integrity, and respect.

TABLE OF CONTENTS

4

16

28

MANUAL EXTRACTORS

Engineered for safe, effective and effortless manual battery changes, our Manual Battery Extractors are the cost-effective solution for small fleets.

BATTERY TUGGERS

The CBH BTE is unrivaled, compact and lightweight. Our Battery Tuggers maneuver fork truck batteries at the touch of a button.

MAN ABOARD SYSTEMS

The BBE is one of the few options available in high-volume fully electric transfer carts offering new levels of reliability and safety.

13

FULLY AUTOMATED SYSTEMS

Automation is an investment for distributors, retailers and industry leaders alike. Our proven systems meet all of the toughest industry standards.

BATTERY WASH

A clean battery dramatically improves lift truck performance. CBH battery washing systems work with your existing equipment for a quick cleaning day after day.

20

7

BATTERY STANDS

Comprehensive, our range of single, double, triple & quad Roller Stands have proven to be the industry standard in dependable and robust design.

25

CARNEY EXCLUSIVES

For the last 35 years, CBH has lead the industry with exclusive material handling products that solve real-world problems for real-world leaders.

ACCESSORIES & CONSUMABLES

No battery room is complete without a range of accessories and consumables. CBH offers a line of products that improve any battery room.

38

CARNEY FABRICATING

Carney Fabricating products and solutions cater to various industries serving specialty markets globally.

40

CARNEY AUTOMATION

Carney Automation specializes in incorporating automated material handling into day-to-day operations.



MANUAL BATTERY

EXTRACTORS

Perfect for infrequent battery changing or servicing, manual CBH battery extractors remain a low-volume, cost-effective handling solution. Simple, our manual battery extractors are available in various heights and configurations to suit multiple applications, ideal for any traditional warehouse with minimal changing requirements.



PRODUCT FEATURES



ACID-RESISTANT POWDER



HEAVY-DUTY WELDED CONSTRUCTION



3,500 LBS



CUSTOM DESIGNS AVAILABLE

- ✓ Rugged all-welded steel construction
- ✓ 3,500 lbs capacity
- ✓ Dual roller beds
- √ Manual hydraulic lift
- ✓ Integrated safety stops

- ✓ Acid-resistant powder coating
- ✓ Customizable colour
- Complete battery room package available
- ✓ Low volume
- √ Foot activated braking system

ABOUT

Our Manual Change Cart sits in guide channels, equipped with a hydraulic pump system that quickly raises and lowers the platform to support roller stands of varying roll-out heights. Quality and performance – right down to the floor lock, the Manual Change Cart is specially engineered for safety, reliability, and performance.

These ultra-low maintenance machines are perfect for small operations with small fleets. The built-in dual roller beds reduce change times and ensure that operators have access to a fresh battery for every shift. The MCC is widely acclaimed for its cost-efficiency and ensuring operator safety.

5



ABOUT

Designed to service or transport lighter batteries, the CBH Rolling Transfer Cart is simple and built to withstand harsh environments. Available in various heights and configurations to suit multiple applications, it's perfect for any traditional warehouse setting with minimal changing requirements. The RTC is compact for easy maneuverability and outfitted with phenolic casters for lower rolling resistance. This manual transfer cart is dependable and costeffective, with durable, acid-resistant rollers to ensure long service life. In addition to its simplistic construction, the RTC is easy for employees to use and can be packaged with custom roller stands.

PRODUCT FEATURES







HEAVY-DUTY
WELDED
CONSTRUCTION



4,000 LBS



CUSTOM DESIGNS AVAILABLE

- ✓ Rugged all-welded steel construction
- √ 4,000 lbs capacity
- ✓ Single or double roller bed
- ✓ Integrated safety stops
- √ Foot activated braking system
- √ Acid-resistant powder coating
- ✓ Customizable colour
- √ Customizable
- √ Low volume



BATTERY TUGGERS

CBH's Battery Tuggers have become the global standard in low-volume high-efficiency battery changing. The reliability is second to none and unrivalled in today's battery-changing industry. All Tugger models are engineered with a fully welded, unibody construction, finished in premium acid-proof powder coating and come with a 1-year product warranty.



ABOUT

The latest addition to our globally recognized BTE series, the UNI-Tugger is the first of its kind, to accommodate forklift fleets with various battery and truck types. Designed to amplify a standard pallet truck, its linear actuator system, powerful 8-pole electromagnet, and ability to adapt to your everchanging operational needs make it the industry's first truly universal battery changer. This unit exemplifies versatility making zero compromises on performance, perfect for operations with low volume changing requirements or businesses looking to outfit their rental fleet. It's simply the best choice when operators need an economical battery changer that doesn't skimp on adaptability.

PRODUCT FEATURES



LINEAR ACTUATOR SYSTEM



FULLY ELECTRIC



RESISTANT POWDER COATING



5-YEAR ELECTROMAGNET WARRANTY

- ✓ Unibody construction
- √1,800 lbs electromagnetic extraction
- √5,000 lbs capacity
- ✓ Automatic timeout
- ✓ Fully electric

- √ Simple Controls
- ✓ Acid-resistant powder coating
- ✓ Customizable colour
- √ Complete battery room package available
- ✓ Low volume



PRODUCT FEATURES







5,000 LBS



ACID-**POWDER** COATING



WARRANTY

- ✓ Unibody construction
- √1.800 lbs electromagnetic extraction
- √ Simple controls
- ✓ Automatic timeout
- √ Fully electric

- √ Emergency stop controls
- ✓ Acid-resistant powder coating
- √ Customizable colour
- √ Complete battery room package available
- ✓ Low volume

ABOUT

Our traditional fully electric tugger, the BTE, is available for customers requiring a customized battery changer. This unit is tailored to work with any fleet and built to accommodate specific battery sizes and roll-out heights. The BTEs extension limiter stops unnecessary strain on the electric motor, the operator control panel makes it user-friendly, and the wide range of custom sizes ensures a perfect fit for any battery fleet. The built-in 1,800lbs electromagnet comes with a time-out function to ensure operator safety. Available worldwide The BTE is unrivaled in today's batterychanging industry.



ABOUT

Inspired by the traditional hand pallet truck design, the BTM has been expertly engineered to operate the same way utilizing an optional braking system that eliminates pushback during the battery change. With this manual tugger, anyone can push a 3,200 lbs battery with minimal effort. Its singlepin steering mechanism makes the BTM operate like a hand pallet truck. The compact unit offers convenient waisthigh lifting and lowering using hand controls and includes an integrated hand pump jack to raise the roller bed to meet the height of most lift trucks. Battery compartments are available in 24" or 36" configurations to accommodate generic, low-volume battery handling requirements.

PRODUCT FEATURES







3,200 LBS



ACID-RESISTANT POWDER COATING



ACID-RESISTANT

- ✓ Rugged all-welded steel construction
- √ 3,200 lbs capacity
- √ Single roller bed
- √ Manual lift
- √ Foot activated braking system

- ✓ Acid-resistant powder coating
- ✓ Customizable colour
- Complete battery room package available
- ✓ Low volume



PRODUCT FEATURES







2.300 LBS



ACID-RESISTANT COATING



ELECTROMAGNET WARRANTY

- ✓ Unibody construction
- √1.800 lbs electromagnetic extraction
- √ Variable speed joystick
- ✓ Automatic timeout
- √ Fully electric

- √ Emergency stop controls
- ✓ Acid-resistant powder coating
- √ Customizable colour
- √ Complete battery room package available
- √ Low volume

ABOUT

Perfect for light-duty battery handling, the Cobra Tugger can be mounted on a 24-volt pallet truck suitable for battery changes up to 2,300 lbs. Keeping ROI and cost efficiency in mind, the Cobra Tugger has a fully electric drive system and robust 900 lbs electromagnet extraction. The Cobra Tugger has the same rugged, unibody construction as the BTE series and is equipped with many of the technologies employed on our larger units, including tough battery sliders, added safety features and an innovative slider bed design. Couple your Cobra Tugger with matching lightduty roller stands to complete any battery room.



ABOUT

The EZ-Tugger operates similarly to a standard pallet truck, making it easy to implement into any small-scale operation. All extraction functions are push-button and electrically powered. limiting the operator's contact with the battery. The EZ-Tugger allows for recharging anywhere household current is available and the external power cord is self-storing when not in use. These features make the EZ-T a standalone, portable unit that carries a builtin battery and charger to power the electromagnet's push/pull mechanism. With few moving parts and minimal maintenance requirements, this unit is designed to stand up to the harsh environment of today's battery rooms.

PRODUCT FEATURES



FULLY



2,300 LBS



COATING

ITY RESISTANT
POWDER



5-YEAR ELECTROMAGNET WARRANTY

- ✓ Unibody construction
- ✓ 2,300 lbs capacity
- ✓ Automatic timeout
- ✓ Fully electric
- ✓ Emergency stop controls

- ✓ Acid-resistant powder coating
- √ Customizable colour
- ✓ Complete battery room package available
- √ Low volume



MAN ABOARD

BATTERY CHANGING SYSTEMS

The CBH Series of man-aboard Battery changing systems offer new performance, reliability, and safety levels to support high-volume and high-density battery change requirements. These products are available in various configurations up to 6-levels ensuring maximum uptime and minimum maintenance.



PRODUCT FEATURES







FULLY ELECTRIC



CUSTOMIZABLE COLOUR



ACID-RESISTANT POWDER COATING

- ✓ Full logic AC power system
- √ 10,000 lbs capacity
- √1,800 lbs electromagnetic extraction
- √ Fully electric
- Complete battery room package available

- √ 4-Integrated safety systems
- ✓ Acid-resistant powder coating
- √ Customizable Colour
- √ High volume
- ✓ Powered rollers

ABOUT

The BBE Series man-aboard Battery Bull Electric offers new performance, reliability, and safety. This product is available as a single-level system, up to a 6-level system. An industry first, the BBE is the first fully electric large-scale battery changing system with a fully logic-based AC power system. Non-hydraulic, the unit ensures oil leaks and spills are a thing of the past. With the added benefit of reducing servicing requirements by up to 30% and energy consumption by 12%. Perfect for operations where floor space is at a premium, the BBE is suited for fleets with over 75 batteries with larger setups able to support over 300 batteries.



ABOUT

Deliver faster, more consistent, and more accurate battery changes to keep your truck fleet productive. The BBH utilizes a double roller bed configuration and a powerful electromagnet with a drawbar pull of 1,800lbs. delivering high throughput while maintaining a small footprint to help save your costly warehouse space. The powered dual roller beds allow for pre-staging and faster changes, while the built-in autolevelling which prolongs component life and simplifies each change. The BBH series Battery Bull has been proven in many operations worldwide, utilizing its hydraulic drive and lift system to accommodate over 30 batteries ensuring that customers enjoy changing day in and day out.

PRODUCT FEATURES









AC POWER

HYDRAULIC

1,800 LB ELECTROMAGNETIC EXTRACTION

ACID-RESISTANT POWDER

- √ Full logic AC power system
- √ 10,000 lbs capacity
- √1,800 lbs electromagnetic extraction
- ✓ Automatic timeout magnet
- √ Hydraulic
- 4-integrated safety systems

- ✓ Acid-resistant powder coating
- √ Customizable colour
- Complete battery room package available
- ✓ Medium volume
- ✓ Powered rollers
- ✓ Narrow version available



AUTOMATED

SYSTEMS

Carney Battery Handling's fully automated systems are flexible and practical, built to support broad-scale material handling applications. The BBE-FA leverages PLC logic programming to remove the need for a human operator by employing the same high-efficiency, highperformance and low-maintenance AC power core as the rest of our BBE range.



PRODUCT FEATURES







FULLY ELECTRIC



1,800 LB ELECTROMAGNETIC EXTRACTION



ACID-RESISTANT POWDER

- √ Full automation
- √10,000 lbs capacity
- √1,800 lbs electromagnetic extraction
- 4-Integrated safety systems
- ✓ Acid-resistant powder coating
- ✓ Powered rollers
- √ Customizable

colour

- Complete battery room package available
- √ High volume
- ✓ Detailed selfdiagnostics
- ✓ Full logic AC power system
- ✓ Remote management

ABOUT

The Carney Automatic Battery Change System uses high-quality sensors to detect lift height, relative start points, and battery position. Not only will it allow companies to redeploy or eliminate valuable labour, lower lifecycle costs, decrease equipment damage and maintain a safer work environment this unit is fully capable of changing batteries in most models of conventional lift trucks. This system includes a remote ground-level operator control station coupled with an industrial PC and an HMI that replicates what is displayed on the transfer cart touch screen. This allows complete remote control of the transfer cart and real-time monitoring of the entire change sequence.



ABOUT

The CBH Mini Auto Changer was developed with Automated Guided Vehicles (AGVs), using a fully integrated PLC control system that provides precise control and responsiveness for faster changes on a smaller scale than the BBE-FA. Entirely customizable, this unit is fully capable of changing batteries in most models of conventional lift trucks and accommodates 15+ batteries changing at a single level.

Every MAC system has a built-in emergency override & quick access stop button to support safe work practices and only requires servicing every 300 hours. The MAC is perfect for operations needing medium volume fully automatic battery changing.

PRODUCT FEATURES







FULLY ELECTRIC



1,800 LB ELECTROMAGNETIC EXTRACTION



ACID-RESISTANT POWDER COATING

- √ Full automation
- √ 8,000 lbs capacity
- √1,800 lbs electromagnetic extraction
- √ 4-Integrated safety systems
- ✓ Acid-resistant powder coating
- √ Customizable colour

- Complete battery room package available
- ✓ Low volume
- ✓ Powered rollers
- ✓ Detailed selfdiagnostics
- ✓ Full logic AC power system
- ✓ Remote management

FULLY AUTOMATED

SYSTEMS











SYSTEMS

Carney Battery Handling wash systems allow you to enjoy a clean battery without the risk and mess associated with traditional pressure cleaning and manual battery wash stations. Stand-alone units or fully integrated systems, our battery wash products accommodate both lift-out and roll-out battery room designs.



PRODUCT FEATURES









PH INDICATOR



- √ Stainless steel and **PVC** construction
- √ 6,000 lbs capacity
- √ Fully Electric
- √ Closed-loop integration
- ✓ Environmentally compliant
- ✓ Packaged product

- √ High Volume
- √ Ground fault shutdown
- √ Water overflow protection
- √ PH indicator
- ✓ Acid-proof rollers
- ✓ Fully programmable

ABOUT

It is well documented that a clean battery dramatically improves lift truck performance by reducing voltage drops, ground tracking and corrosion to both the battery and lift truck, as well as providing increased safety for both operators and maintenance personnel. Carney's ABM allows you to enjoy these benefits without the usual risk and mess associated with traditional pressure cleaning and manual battery wash stations. The automated wash and drying features are housed within a selfcontained unit that is user-friendly and simple to use.

21



ABOUT

For small fleets with infrequent washing needs, CBH's semi-automatic Battery Wash Station is a cost-effective solution to keep batteries operating at their best. Built to last and composed of heavyduty stainless steel, the BWS comes with a 1,700 PSI power washer with a handheld wand and splash guards to keep operators safe and dry. This unit is compatible with the CBH wastewater treatment system to support closed-loop washing and, once integrated, is compliant with environmental regulations for battery washing.

PRODUCT FEATURES







ENVIRONMENTALLY COMPLIANT



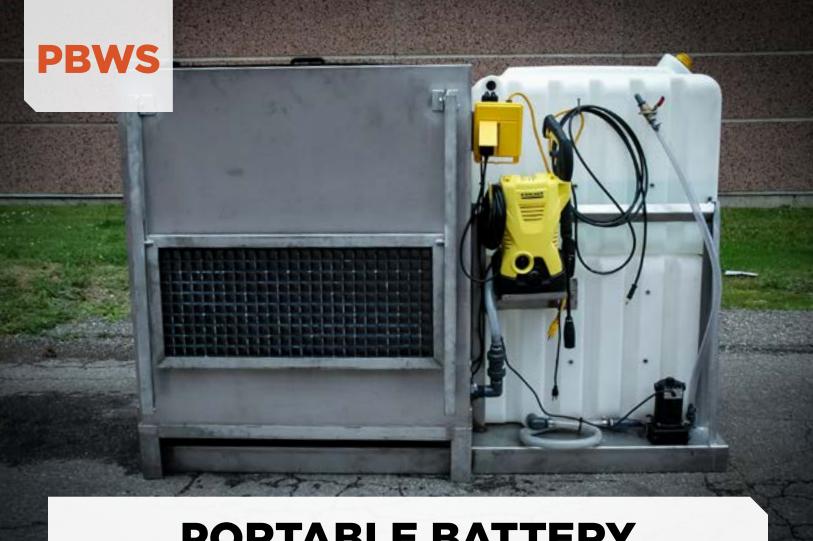
PH INDICATOR



ACID-PROOF

- ✓ Stainless steel construction
- √ 6,000 lbs capacity
- √ Closed-loop integration
- Environmentally compliant
- ✓ Packaged product
- ✓ Low volume

- ✓ Power washer included
- √ Adjustable legs
- √ PH indicator
- √ Acid-proof rollers
- ✓ Fully programmable



PORTABLE BATTERY WASH STATION

PRODUCT FEATURES



STAINLESS STEEL CONSTRUCTION



ENVIRONMENTALLY COMPLIANT



PH INDICATOR



ACID-PROOF ROLLERS

- ✓ Stainless steel construction
- ✓ Easy to operate
- ✓ Portable
- √ Splash curtain
- Environmentally compliant

- √ Low volume
- ✓ Power washer included
- ✓ Acid-proof rollers
- ✓ Removable top covers
- ✓ Water holding tanks

ABOUT

The PBWS or Portable Battery Wash Station is outfitted with a 1,700 PSI pressure washer and has a removable trash tray for easy cleaning. Constructed with heavy-duty stainless steel, the CBH PBWS has two onboard 150-gallon holding tanks for maximum fluid storage, comes equipped with ground fault protection, a 1/2 horsepower discharge pump and removable top covers which provide quick access to the battery. This mobile battery wash station is an efficient and cost-effective way to quickly keep batteries operating from anywhere.



WASTEWATER TREATMENT SYSTEM

ABOUT

The WWTS provides a clean 'white glove' approach to handling and managing battery contaminants by preventing them from re-entering the environment, separating impurities into a filtered tank for removal and disposal while reclaiming <98% of the water for re-use. The transparent body construction and hinged access lid ensure monitoring of the system state and operation is quick and easy. Compatible with the BWS and ABM, the Wastewater Treatment System has high throughput capabilities and built-in unit protection to make battery washing simple.

PRODUCT FEATURES







ENVIRONMENTALLY COMPLIANT



LOOP INTEGRATION



RECLAIMS 98% OF

- √ Clear-body construction
- √ Easy to operate
- √ Closed-loop integration
- ✓ Environmentally compliant

- √ High volume
- √ Reclaims 98% of wastewater
- √ Hinged lid system
- ✓ Integrated controls
- ✓ Low water supply cut-off



BATTERY STANDS

CBH battery stands are customizable to suit any battery room, a specialized solution for lift-out battery-changing applications. Available in various configurations with a plethora of options CBH battery stands support all battery dimensions and required roll-out heights, tailored to meet the needs of any operation.



STANDS

PRODUCT FEATURES



ALL-WELDED STEEL CONSTRUCTION



ADJUSTABLE LEGS



RESISTANT POWDER COATING



CUSTOMIZABLE COLOUR

- Rugged all-welded steel construction
- ✓ Optional drip trays
- √ Single to quad configurations
- √ Adjustable roller height
- √ Adjustable legs
- ✓ Integrated bump and safety stops

- √ Acid-resistant powder coating
- √ Customizable Colour
- Complete battery room package available
- ✓ Low to high volume

ABOUT

Carney Battery Roller Stands are industry standard, known worldwide for premium construction and durability. Each roller stand is manufactured to custom specifications which allows operations to match the height of their lift truck battery compartment. We start with heavy premium gauge structural steel, laser cut to our specifications to support our unique polyethylene-coated, acid-resistant roller system. Each stand is finished in acid-proof powder coating and has a comprehensive range of options, including integrated drip trays, charger shelves, direct ventilation, and cable management systems. Available in a full range of widths, depths, and rolloff heights, CBH can offer a matched stand for any application, no matter how unique.



ABOUT

CBH's Stationary Battery Racks are engineered with durability in mind without compromising day-to-day usability. Based on years of experience, the SBR models are uniquely designed with left-to-right rail alignment meaning no minimum battery widths or risk of a battery falling through if placed incorrectly. These rails are sealed steel with a poly sleeve and end cap design for clean electrolyte drainage. With the option of bolt-on charger shelves, integrated ventilation, drips trays, and three standard sizes, the SBR is the ideal choice for any lift-out application. It can be tightly integrated into a hybrid liftout system design or easily incorporated with a custom gantry system.

PRODUCT FEATURES







1-YEAR PRODUCT WARRANTY



RESISTANT POWDER COATING



CUSTOMIZABLE COLOUR

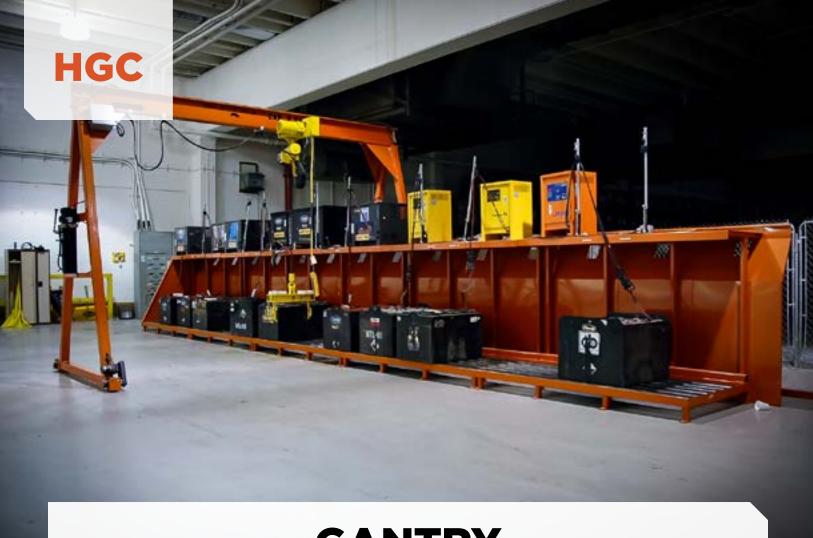
- Rugged all-welded steel construction
- ✓ Optional drip trays
- ✓ Modular design
- √1-year product warranty
- ✓ Acid-resistant powder coating

- √ Customizable colour
- ✓ Packaged product
- ✓ Integrated ventilation
- ✓ Bolt-on charger shelves
- ✓ Low to high volume



CARNEY EXCLUSIVES

Backed by 35 years of industry expertise, CBH has lead the industry with exclusive material handling products that solve real-world problems for real-world leaders. Developed by our accredited engineers, these products are designed specifically for our customers and built to improve workplace safety, operational flow, and investment returns.



GANTRY CRANES

PRODUCT FEATURES







6,000 LBS CAPACITY



- √ 6,000 lbs capacity
- √ Maximum span of 30 feet
- ✓ Portable or stationary
- √ Hydraulic lift
- √ Electric floor travel



HYDRAULIC LIFT



CUSTOMIZABLE COLOUR

- √ Acid-resistant powder coating
- ✓ Customizable colour
- Complete battery room package available
- √ Medium volume

ABOUT

CBH's range of gantry cranes is available in both fixed and mobile configurations with manual and hydraulic drives. Our unique hydraulic drive system uses positive traction on both sides to reduce twisting and frame stress. This only requires a floor guide on one side, allowing better workspace utilization. We also offer solutions for permanent floor mounting, reversed braces, cantilevers or uneven floor requirements.

GANTRY CRANES













LIFTING BEAM

ABOUT

Rated at a lift capacity of 6,000 lbs and certified for even the largest batteries, the <u>Battery Buddy</u> has been independently tested for destruction and achieved a failure point consistently in excess of 30,000 lbs which is more than five times its rated capacity.

With our unique single-handed latch, the operator can control, direct, and release the battery without reaching across, thus minimizing crushing or acid exposure risks.

PRODUCT FEATURES







6,000 LBS



LIGHTWEIGHT & DURABLE



FULLY ADJUSTABLE

- ✓ Rugged aluminum alloy construction
- √ 6,000 lbs capacity
- ✓ Single handed controls
- ✓ Lightweight & durable
- √ Two standard sizes

- √ Fully adjustable
- ✓ Acid-resistant powder coating
- ✓ Packaged product
- ✓ Low volume



CHARGER SHELVES

ABOUT

Supported by experienced engineers and mechanical professionals, we can offer our customers comprehensive services that include designing custom charging spaces. Our configurable charger stands are crafted with expertise and attention to detail and built with our customers in mind. From conception to design, testing, and final execution our park and charge stands can be modified to fit any specific brand of chargers and are designed for simple disassembly, compact shipping and transportation

PRODUCT FEATURES







ALL-WELDED CONSTRUCTION



FRONT-FACING SHELVES AVAILABLE



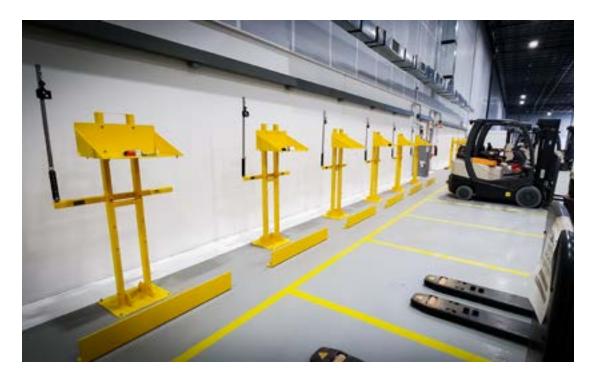
ACID-PROOF POWDER COATING

- ✓ All-welded construction
- √ Finished in acidproof powder coating
- √ Front-facing shelves available
- ✓ Custom heights and shelf dimensions available
- ✓ Custom widths up to 96" and 30" deep to support all standard chargers

ACCESSORIES

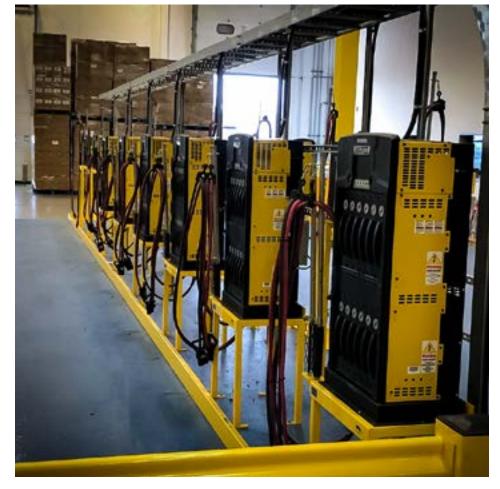
We offer a wide array of accessories, including but not limited to floor stops to protect chargers from lift truck collisions, wall mount charger brackets, cable retractors, cable guides and wall brackets.

CHARGER SHELVES











PRODUCT FEATURES



WELDED STEEL

CONSTRUCTION











NO SLIP PLATFORM

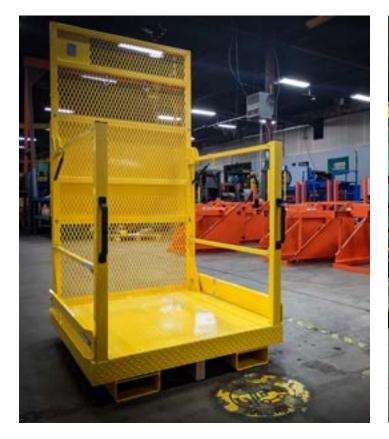
- ✓ Rugged all-welded steel construction
- ✓ Custom configurations available
- ✓ Acid-resistant powder coating
- √ Customizable colour

- ✓ No slip platform
- ✓ Lifting side rails
- √ Circumferential kick plates
- Mesh construction provides sight lines
- Custom fork pockets or shelving

ABOUT

Reinforced with center-mounted cross bracing for durability Carney Fabricating Picker Platforms are an ideal solution for employees to safely pick products and materials from varying elevations. The built-in lifting side rails use gas shock cylinders with a locking mechanism to secure staff in the platform while being lifted. The non-slip platform prevents falls and circumferential kick plates reduce the chance of products falling off the platform. The shelved Picker Platform is perfect for smaller packages and products, giving the operator the freedom to pick multiple orders at once, maximizing productivity. Carney Fabricating is proud to offer custom designs and options to ensure that every Picker Platform fits into every customers operation perfectly.

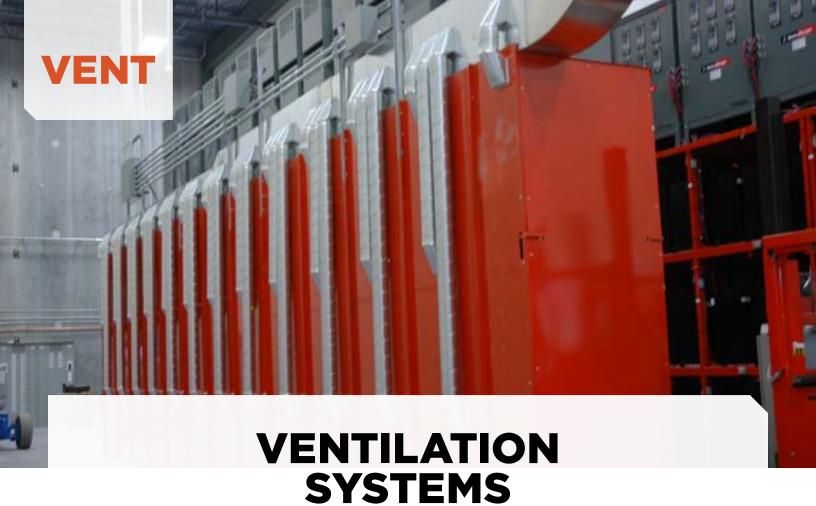
PICKER PLATFORMS











PRODUCT FEATURES







ADEQUATE VENTILATION



MEETS IEEE-SA STANDARDS



COMPLIES WITH NFPA FIRE CODE

- Provides adequate ventilation for fume dispersal by OSHA standards
- ✓ Reduces the risk of gas-related explosions
- ✓ Increases workplace safety

- ✓ Meets IEEE-SA standards
- √ Complies with NFPA Fire code
- Can be integrated in enclosed or open battery rooms

ABOUT

Lead-acid batteries release potentially explosive hydrogen gas, so battery rooms must be adequately ventilated to prevent build-up. Proper ventilation is crucial to the health and safety of battery rooms and staff. CBH is the only manufacturer to provide a unique at-the-source extraction system fully integrated into the battery rack system. The entire battery rack support structure is completely enclosed, with only the front exposed. This enclosure now becomes a fume hood around all batteries. With the exhaust vents situated directly behind the batteries. the system constantly pulls cool air over each battery to remove harmful gases while simultaneously cooling to ensure asset longevity.



ACCESSORIES & CONSUMABLES

Carney Battery Handling offers safety equipment and accessories including Hydrogen Gas Detectors, Emergency Eyewash & Shower Kits, PPE Kits, Spill Kits and battery room safety signage.

Safe and effective washing of battery assets can only be achieved using the right consumables. CBH offers a complete line of washing consumables to allow fast, accurate and efficient cleaning without mess, including Battery Shine Cleaning Solution, Magic Powder Flocculant and Filter Media.

ACCESSORIES







HYDROGEN GAS DETECTOR

CBS 2984

- √ Hydrogen sensor
- √ Control box
- √ Sensor connector

PPE KIT

CBS 3055

- ✓ Neoprene safety gloves
- √ Safety goggles
- √ Face shield
- ✓ Apron
- √ Flashlight
- √ Hydrometer

EMERGENCY EYEWASH STATION

CBS 173

- √ High visibility with safety signage
- Galvanized and chrome plated brass construction for durability
- ✓ Eyewash has soft-flow anti-surge head

CONSUMABLES







BATTERY SHINE

CBS 250

- Non-foaming degreasing agent neutralizes acid deposits and buildup
- √ Breaks down grease and oil

MAGIC POWDER

ST 901

- √ Flocculant formula
- Accelerates settling and separation in Wastewater Treatment System (WWTS), allows for white glove disposal

FILTER MEDIA

CBS 900 | 914

- √ 50 & 100 sheet packs
- Replacement filter media for Wastewater Treatment System (WWTS)

CARNEY FABRICATING

DISCOVER WHAT'S POSSIBLE. DISCOVER CARNEY FABRICATING.

Carney Fabricating manufactures standard and custom material handling products of all types and offers our customers added value, from initial consultation and design to post-installation support, training and service. Our state-of-the-art products are backed by experienced engineering and a manufacturing team with over 35 years of industry expertise.

Carney Fabricating strives to exceed our customer's expectations in safety, quality and innovation through our commitment to continuous improvement.

Our products and turn-key solutions cater to various industries such as steel, automotive, aerospace, warehousing, manufacturing, chemical, pharmaceutical, lumber and specialty markets worldwide.



Product Transfer Systems Our solutions simplify and accelerate the manufacturing

process, including basic carts on wheels to fully automated or radio controlled rail systems.



Below-The-Hook Devices

We carry a full range of standard and custom fabricated belowthe-hook devices, designed with consideration to ASME B30.20 and BTH standards.



Ergonomic Equipment

We supply pneumatic, hydraulic lift tables as stationary or portable units, electrically or manually operated.



Forklift & Picker Attachments

Our custom forklift attachments are designed to handle your material handling applications and are ergonomically friendly to reduce workplace incidents.



Storage Systems

Our industrial and commercial storage systems are ergonomically friendly so your workforce is able to perform tasks safely with less on-the-job injuries.

CARNEY AUTOMATION

INTELLIGENT CONTROL SYSTEM ENGINEERING & PROGRAMMING FOR MANUFACTURING AUTOMATION

Carney Automation specializes in robotic engineering and design, as well as PLC and HMI programming to design intelligent systems and process automation geared towards your specific manufacturing needs. We deliver world-class expertise to your industrial control opportunities, including licensed electricians, engineers, technologists and project managers.

To guard against unwanted hazards, Carney Automation implements multiple safety systems to further mitigate potential risks. In collaboration with Carney Battery Handling, Carney Automation enables our clients to customize their battery room solutions with precise design and programming in one-stop. We strive to streamline your process in manners of caution and rigor.

Get in touch with our automation team info@carneyautomation.com



Operational Up-time
Detailed self-diagnostics and logging functions significantly decreases both downtime and servicing, maximizing production times.



In-house Manufacturing
All our automation is built entirely in house; from design to full automation and everything inbetween.



Safety & Security
Built-in safety monitoring
systems provide constant fail safe
protection.



Automated Battery Handling
Automate your battery room at
the touch of a button to maximize
your operation and reduce downtime.



System Design
Customize a system to suit your needs. Our automation team will assist in automating your operation to improve output.



For over 35 years, our central focus has been to drive customer satisfaction by delivering the highest quality and safest products, whether they be single battery stands, manual changers, or large scale fully automated systems supporting hundreds of batteries.

CBH strives to grow our core business while expanding our global footprint across the material handling industry. We are dedicated to integrity in our interactions with customers, employees and business partners.

For more information, please contact sales@carneybatteryhandling.com

PROVEN PERFORMANCE ACROSS GLOBAL INDUSTRIES

- ✓ Steel
- ✓ Automotive
- ✓ Aerospace
- ✓ Lumber
- √ Warehousing
- ✓ Manufacturing
- √ Chemical

- √ Food Processing and Production
- ✓ Pharmaceutical
- ✓ Nuclear Power Plants (Secondary drive)
- √ Specialty markets (i.e. refrigeration, painting, intrinsically safe, etc.)

GET IN TOUCH

Carney Battery Handling Ltd.

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Due to continuous product improvements, specifications are subject to change without notice. Some systems and features shown may be optional at extra cost.