

BATTERY EXTRACTORS

MOBILE BATTERY EXTRACTOR

MODEL MBE-42

- *Engineered for reliability in even the most demanding conditions*
- *Designed and built for the lowest operating costs available anywhere*



BATTERY HANDLING SYSTEMS



BATTERY EXTRACTORS

MOBILE BATTERY EXTRACTOR

The Mobile Battery Extractor (MBE-42) is a self-contained extractor that enables you to change batteries anywhere in your facility. The versatile MBE-42 handles a wide variety of applications and is recommended for up to 50 battery changes per day.

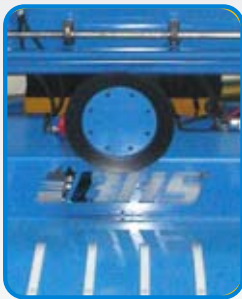


Powerhead

FEATURES & BENEFITS:

- 24 volt powerhead eliminates need for pallet jack
- Pendant control for ease of operation from left, right, or rear of extractor
- Safety bar contains battery during transit
- Hydraulic powered extraction
- Safety shield protects operator
- Roller and slide strip combination provides increased battery stability
- Built-in charger reduces downtime
- Standard industrial components allow for local parts availability
- Heavy-duty steel frame handles toughest applications
- Low maintenance design reduces operating costs
- Durable two-part epoxy finish resists both acid and scratches

STANDARD FEATURES



Vacuum Extraction



Rubber Bumper



Remote Control



Safety Shield



Roller / Slide Strip Combination



Safety Bar

Product Specifications - Imperial / Metric

| | BHS MBE-42 |
|---|---|
| Max. Load Capacity | 5,000 lbs / 2268 kg |
| Operating Voltage | 24 VDC |
| Hydraulic Pump Type | Gear, Variable Displacement |
| Pump | 1.3 GPM / 4.9 LPM |
| Raise / Lower Speed | 8.8 FPM / 9.4 FPM 0.044 m/s / .048 m/s |
| Battery Attachment | Vacuum |
| Vacuum Cup | 12" / 305 mm Dia. |
| Primary Drive Chain Size | #50 |
| Roller Diameter | 2.4" / 61 mm |
| Roller Shaft Size | 3/4" / 19 mm Hex |
| Battery Width | 13" Min / 41" Max 330 mm Min / 1041 mm Max |
| Battery Length | 18" Min / 49" Max* 457 mm Min / 1244 mm Max |
| Battery Height | 21" Min / 32.5" Max 533 mm Min / 825 mm Max |
| Overall Dimensions (L x W x H) | 108" x 63.5" x 79.5" / 2743 mm x 1613 mm x 2019 mm |
| Slide Strip Length | 23.5" x 597 mm |
| Roller Width | 41.875" / 1064 mm |
| Extended Arm Reach (Beyond Roller Bed) | 10.5" / 267 mm |
| Extractor Arm Travel Speed | 22 FPM / .11 m/s |
| Service Weight (unloaded) | 3650 lbs / 1655 kg |
| Turning Radius | 8' / 2.4 m |
| Min. Service Aisle | 16' / 4.8 m |
| Vacuum | 21" Hg / .73 kg/cm ² |
| Battery Compartment Depth | 49" / 1245 mm Fixed |
| Battery Compartment Width | 42" / 1067 mm |
| Wheelbase | 80" / 2032 mm |
| Ground Clearance (Inside Frame Elevated 1") | .75" / 19 mm (Outside Frame Fixed) |
| Grade Clearance | 5% |
| Floor to Roller Height | 3.5" Min / 33.5" Max 89 mm Min / 851 mm Max |
| Max Travel Speed | 155 FPM / .787 m/s Loaded 200 FPM / 1.016 m/s Unloaded |
| Rated Draw Bar Pull | 1125 lbs / 510 kg |
| Controls | 5 Button Side Mounted Tethered Pendant |

Our Mission

“To provide the highest quality products and the best engineered solutions in order to continually improve our customer's productivity and profitability.”

BHS The Company

Largest Battery Handling Manufacturer

From our 128,000 square-foot facility, BHS leads the battery handling industry with more than 80 employees who continually offer the design, engineering, sales and support you deserve.

Comprehensive Line

For all of your battery handling needs, BHS not only designs and manufactures equipment to lift, move and handle industrial forklift batteries, but we also offer a complete line of safety and maintenance products.

Service & Support

Need coast to coast assistance? BHS offers a nationwide team of certified service and installation technicians to assist you wherever your application is located.

Warranty

Create a worry-free battery extracting environment, as all products manufactured by BHS carry a 13 month warranty against defective material and workmanship.

Instant Up-Front Information

www.bhs1.com keeps you up-to-date with all of the latest material handling products, technical bulletins, and industry news including OSHA requirements, floor specifications, and charging room layouts. You can expect new product bulletins, service announcements, and enhancement information at your fingertips via e-mail as part of the BHS Information Network.



Our Equipment

State of the Art Technology

With advanced laser technology, modern electronics, and robotic welding, you can expect all BHS products to encompass structural integrity as a result of our established manufacturing and engineering processes.

Customized Equipment

Have a unique request? BHS has the right solution for your specific application; a solution to meet any workload demand and any budget requirement.

Our Service

Excellent Training Program

The complimentary BHS Service School is a three-day clinic, incorporating classroom instruction, laboratory sessions, and hands-on learning giving your personnel comprehensive training on BHS equipment.

24 Hour Hotline

Have tough questions? BHS has your answers! The BHS After-Hours and Weekends Hotline provides you with technical support outside of regular business hours allowing for an immediate response to your installation and service questions.



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