

## TRANSFER EQUIPMENT

# **BATTERY EXTRACTOR SYSTEMS**

### *Narrow Aisle Applications*

- *Specifically designed for narrow travel path aisle as narrow as 52"*
- *Designed and built for the lowest operating costs available anywhere*
- *Industry standard components for local availability in most instances*
- *Extra heavy duty frame design allows greater load capacity*

Another Superior Solution  
From The Battery Room Specialists



BATTERY HANDLING SYSTEMS

**BHS**

## TRANSFER EQUIPMENT

# BATTERY EXTRACTOR SYSTEMS

*Not all battery extraction applications demand the same handling solutions or the same equipment. Each BHS battery extractor system is designed and built for a specific application, yet are the most versatile, reliable and cost effective battery extractors in the industry.*

### FEATURES & BENEFITS:

- *Designed for narrow aisle navigation*
- *Magnet extraction standard*
- *Fully-guarded - no exposed components*
- *12 load rollers (BE-22) and 24 load rollers (BE-14) to allow for better load and wear distribution*
- *Roller bed divider is easily removed to accommodate larger batteries as needed*
- *Center line marked lead rollers for ease of alignment*
- *Hydraulic powered multi-axis functions*
- *Heavy-duty steel frame handles toughest applications*
- *Low maintenance design cuts back on routine PM programs*
- *Durable two-part epoxy finish resists both acid and scratches*
- *Manual control of hydraulics for easy operation*



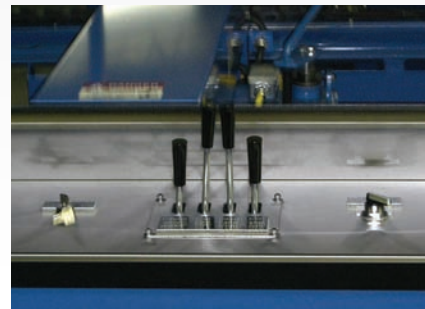
BE-22-2-SL



BE-14-4-SL



Hydraulics



Control Panel

## TRANSFER EQUIPMENT

# BATTERY EXTRACTOR SYSTEMS

### Model BE-22-2-SL

#### OPERATION SPECIFICATIONS

Travel Speed (empty or loaded)	0-180 FPM / 0-.9 mps
Raise/Lower Speed	6.3 / 9.5 FPM Empty, 6.3 / 11 FPM Loaded 0.03 / 0.05 mps Empty, 0.03 / 0.06 mps Loaded
Arm Traverse Speed (L / R)	0-36 FPM / 0 - .18 mps
Magnet Carrier Traverse Speed	0-36 FPM / 0 - .18 mps

#### GENERAL SPECIFICATIONS

Magnet Draw Bar Pull *	600 – 1200 lbs / 270 -540 kg
Input Voltage	240/480 VAC/3Ph/60Hz
AC Current Draw	13.8 / 6.9 AMP
Control Circuit Voltage	110 VAC
Hydraulic Power Unit HP	5 HP / 3.7 KW
Hydraulic Pump GPM	6.25 GPM / 23.5 LPM
Operating Pressure	1200 PSI / 83 Bar
Magnet Size	4" x 12" / 102 mm x 305 mm
Full Load Capacity	9,000 lbs / 4080 kg
Weight (empty)	2,653 lbs / 1205 kg
Total Compartment Rollers	6 Per Compartment
Guide Track Design	Inverted "V" 1 1/4" x 1 1/4" x 1/4" Angle on 1/4" x 4" HRB Inverted "V" 35 mm x 35 mm x 6 mm on 6 mm x 100 mm HRB

#### DIMENSIONAL SPECIFICATIONS

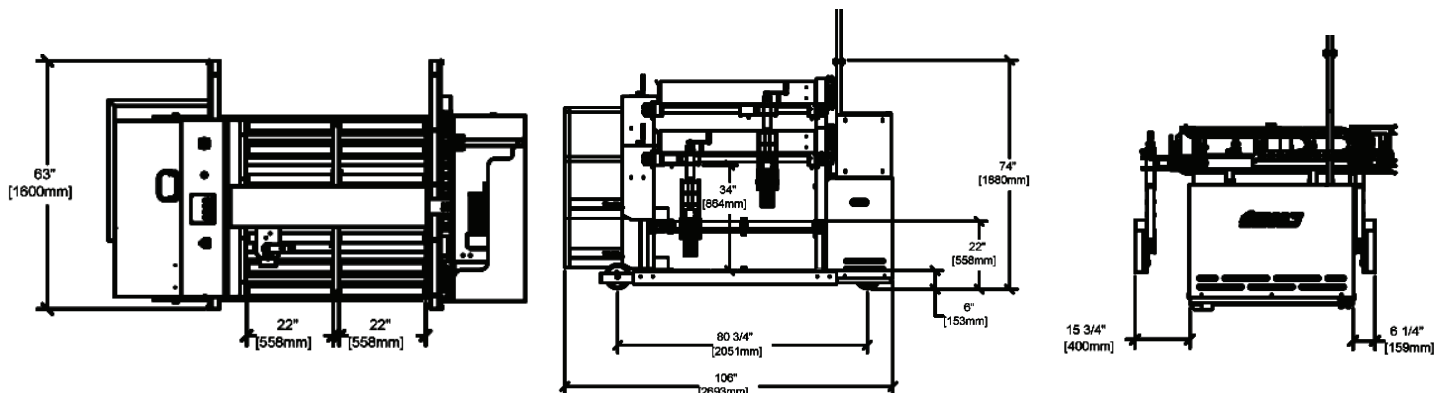
O.A. Length	106" / 2693 mm
O.A. Width	63" / 1600 mm
O.A. Height	74" / 1880 mm
Arm Reach Stand side	6 1/4" / 158 mm
Arm Reach Truck side	15 3/4" / 400 mm
Wheel Base	80 3/4" / 2051 mm
Drive Wheel Center line	44" / 1118 mm
Battery Compartment Width	(2) 22" / 558 mm or (1) 44" / 1117 mm
Min/Max Battery Length	20" Min, 40" Max / 508 mm Min, 1016 mm Max
Min/Max Battery Width	6" Min, (2) 21 1/2" or (1) 43" Max / 152 mm Min, (2) 546 mm or (1) 1092 mm Max
Min/Max Battery Height	19" Min, 33" Max / 482 mm Min, 838 mm Max
Ground Clearance	1 1/4" / 32 mm
Min/Max Roller Height	6" Min, 22" Max / 153 mm Min, 558 mm Max

\* Note: Varies with battery case thickness and condition

Top View

Side View

End View



## TRANSFER EQUIPMENT

# BATTERY EXTRACTOR SYSTEMS

### Model BE-14-4-SL

#### OPERATION SPECIFICATIONS

Travel Speed (empty or loaded)	0-180 FPM / 0-.9 mps
Raise/Lower Speed	6.3 / 9.5 FPM Empty, 6.3 / 11 FPM Loaded .03 / .05 mps Empty, .03 / .06 mps Loaded
Arm Traverse Speed (L / R)	0-36 FPM / 0 - .18 mps
Magnet Carrier Traverse Speed	0-36 FPM / 0 - .18 mps

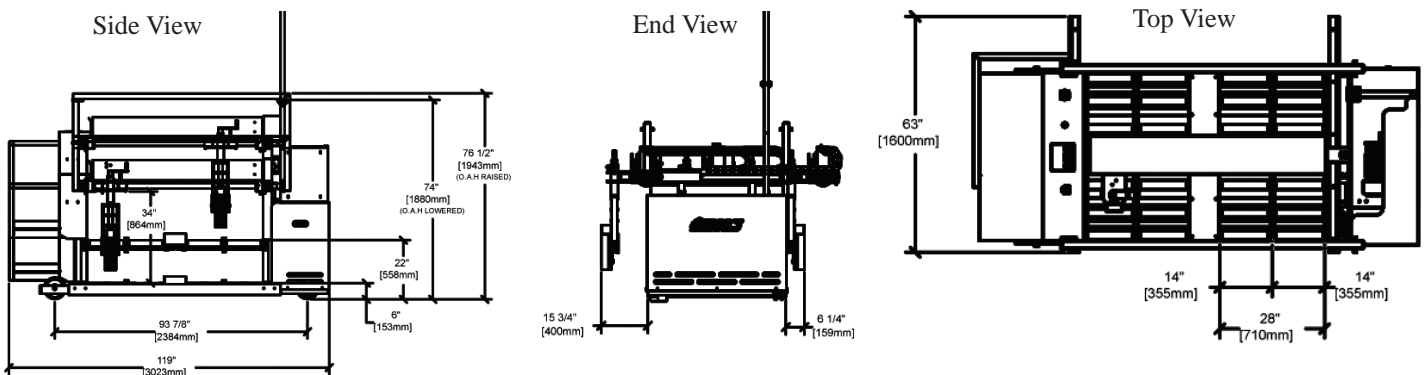
#### GENERAL SPECIFICATIONS

Magnet Draw Bar Pull *	600 – 1200 lbs / 270 -540 kg
Input Voltage	240/480 VAC/3Ph/60Hz
AC Current Draw	13.8 / 6.9 AMP
Control Circuit Voltage	110 VAC
Hydraulic Power Unit HP	5 HP / 3.7 KW
Hydraulic Pump GPM	6.25 GPM / 23.5 LPM
Operating Pressure	1200 PSI / 83 Bar
Magnet Size	4" x 12" / 102 mm x 305 mm
Full Load Capacity	9,000 lbs / 4080 kg
Weight (empty)	2,653 lbs / 1205 kg
Total Compartment Rollers	6 Per Compartment
Guide Track Design	Inverted "V" 1 1/4" x 1 1/4" x 1/4" Angle on 1/4" x 4" HRB Inverted "V" 35 mm x 35 mm x 6 mm on 6 mm x 100 mm HRB

#### DIMENSIONAL SPECIFICATIONS

O.A. Length	119" / 3023 mm
O.A. Width	63" / 1600 mm
O.A. Height	74" / 1880 mm
Arm Reach Stand side	6 1/4" / 158 mm
Arm Reach Truck side	15 3/4" / 400 mm
Wheel Base	93 7/8" / 2384 mm
Drive Wheel Center line	44" / 1118 mm
Battery Compartment Width	(4) 14" / 355 mm or (2) 28" / 710 mm
Min/Max Battery Length	20" Min, 40" Max / 508 mm Min, 1016 mm Max
Min/Max Battery Width	6" Min, (2) 21 1/2" or (1) 43" Max / 152 mm Min, (2) 546 mm or (1) 1092 mm Max
Min/Max Battery Height	19" Min, 33" Max / 482 mm Min, 838 mm Max
Ground Clearance	1 1/4" / 32 mm
Min/Max Roller Height	6" Min, 22" Max / 153 mm Min, 558 mm Max

\* Note: Varies with battery case thickness and condition



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