

# HYDRA-HANDLER MAX

**FACTORY  
WARRANTY**

**3x3**

3 YEARS STRUCTURAL COMPONENTS  
3 YEARS ON ALL BATTERY STAND ROLLERS



With all the quality capabilities of the Hydra-Handler Select, the **MAX** features PLC controlled hydraulic valves which allow for faster lift, smoother starts and stops, easier feathering of the controls and adjustability of the lift and travel functions. The valves also facilitate troubleshooting with built-in indicator lights.

The Hydra-Handler **MAX** can be configured for 1-high to 5-high stacking applications and is the ideal Hydra-Handler in high-volume battery changing operations

## SPECIFICATIONS:

- **Stacking** - 1 to 5 High
- **Capacity** - 10,000 lbs. (4,536 kg.)
- **Unit Weight** - 7,200 - 10,000 lbs. (3266 kg. to 4,536 kg.)
- **Electrical Requirements** - AC -460V, 60hz, 17-½A - 35A
- **Wheel Size** - 8" diameter x 6" wide (203mm x 152mm)
- **Roller Beds** - 8 Left/Right Through Extraction  
(4 Powered Rollers per compartment)

## PERFORMANCE:

- **Industry Leading Floor Slope Requirements** - Flat ( $F_F = 35$ )
- **Extraction Grip** - Magnet or Vacuum 1,500 lbs. (680 kg.)
- **Travel Speed** - 220 fpm (67 mpm)
- **Lift Speed** - 29 fpm (8.8 mpm)
- **Power Unit** - 10HP - 20HP
- **Hydraulic Pump** - HTCP (Hydraulic Torque Controlled Pump) 18 gpm - 22 gpm. (68 lpm - 83 lpm)



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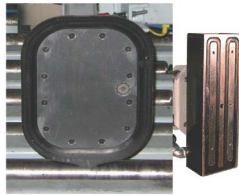
# HYDRA-HANDLER MAX

## FEATURES:

• Extractor Arm	- Heavy Duty with Rack and Pinion Gearing
• Controls	- Allen Bradley PLC Controls and Safety Circuit
• Safety Gate	- Hydra-Handler Disabled if Safety Gate is Not Closed
• Roller Deck	- Hydra-Handler Will Not Travel and Arm Will Not Rotate When Battery is Outside of Roller Deck.
• Extractor Arm	- Hydra-Handler Will Not Travel and Arm Will Not Rotate When Arm is Outside of Roller Deck.
• Operator Present	- Hydra-Handler Disabled if Operator is not in Position. (Floor Mat)
• Travel/Lift Hydraulics	- Cartridge Solenoid Proportional Valves for Quick Servicing.
• Power Unit Orientation	- Horizontal with External Pump for More Efficient Operations and Convenient Servicing.



Horizontal Hydraulic Power Unit



Vacuum & Magnet Extraction



Operator Console



LED Indicators

## OPTIONS:

• Key Switch / Operator Lockout	- Restricts Access to Equipment
• Laser Pointer Guidance	- Reduced Wear and Tear on Equipment.
• 12 Powered Rollers (6 rollers per compartment)	- Quicker, More Efficient Battery Exchanges.
• ID Card Security	- Restricts Access and Identifies Users of Hydra-Handler.
• Heavy Duty Option	- Intended for High Volume, Heavy Battery Applications.
• Mechanical Flip-Up Stops	- Prevents Accidental Discharge of Battery from Hydra-Handler.
• On Board Watering System	- Watering Batteries in Multi-Level Rack Systems.
• Strobe Light w/ Motion Alarm	- Visual and Audible Warning that Hydra-Handler is in use.
• SICK Laser Personnel Detection	- Prevents Damage to Equipment or Personnel.



On Board Watering



Hydraulic Extension Cylinder



SICK Proximity Laser



Mechanical Flip-Up Stops



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