

# HYDRA-HANDLER MAX



## SACKETT'S HYDRA-HANDLER MAX FEATURES PLC CONTROLLED HYDRAULIC VALVES

With all the quality capabilities of the Hydra-Handler Select, the **MAX** also features **PLC controlled hydraulic valves which allow for faster lift, smoother starts and stops, and easier feathering of the controls for adjustability of the lift and travel functions.** Built in indicator lights assist in trouble shooting valves and electrical components.

The Hydra-Handler **MAX** can be configured for 2-high to 5-high stacking applications and is the ideal Hydra-Handler in high-volume battery exchanging operations.

### SPECIFICATIONS:

- Stacking - 2 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, 460VAC, 3ph, 60hz, 20A DS/25A TS, QS/35A PS
- Wheel size - 8" diameter x 6" wide (203mm x 152mm)
- Roller beds - 8 powered left/right rollers for extraction and replacement of batteries
- Hydraulic pump - 18GPM DS/24 GPM TS, QS/32GPM PS

### 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 - 20 fpm - 29 fpm (8.8 mpm)
- Power unit - 10HP - 25HP
- Hydraulic pump - HTCP (hydraulic torque controlled pump) 18 gpm - 32 gpm. (68 lpm - 121 lpm)



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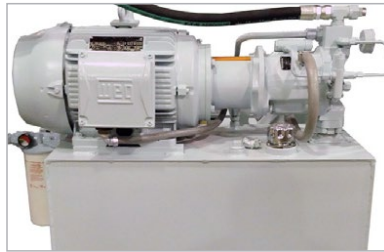
# HYDRA-HANDLER MAX FEATURES & OPTIONS

## FEATURES:

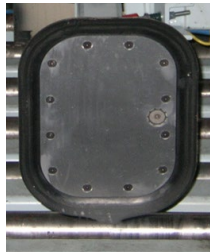
- AC operation
- Heavy duty steel construction for added reliability
- Extra heavy duty construction with 5 inch steel uprights for 4 high and greater
- Allen Bradley PLC controls and safety circuit
- Cartridge solenoid proportional valves for quick servicing
- Improved controls for feathering and adjustability
- Ease of use operator console
- Built-in indicator lights for troubleshooting valves and electrical components
- Horizontal hydraulic power unit with external pump for efficient operations and convenient servicing
- Extractor arm – heavy duty with fully welded rack and pinion gearing
- Direct hydraulic valves for ease of operation, all hydraulic valves are solenoid operated
- Easy access components to simplify preventive maintenance tasks
- Vacuum extraction is standard
- High quality hydraulic and electrical components for lower replacement part costs
- Hydraulic valves for simultaneous travel and lift functions
- Dual sided operation with pass through design
- Ease of operation joy sticks which control the Hydra Handler travel and lift
- Switches control the extractor arm and roller bed movement
- Two battery compartments for pre-staging and faster battery exchanging
- Lift trucks can load on either side of the Hydra-Handler
- Eight powered rollers with expansion ability to 12 powered rollers
- Hydra-Handler travels and lifts simultaneously at full speed both vertically and horizontally
- Hydra-Handler has slow and creep modes to simplify the line up of the battery during extraction and replacement processes
- Soft brake function reduces wear and tear on drive components



LED Indicators



Horizontal Hydraulic Power Unit



Vacuum Extraction



Operator Console



Magnet Extraction

## OPTIONS:

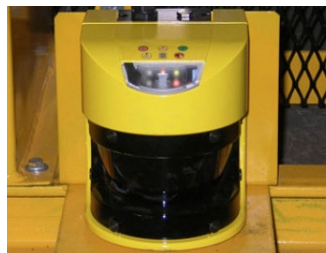
- Key switch / operator lockout - restricts access to equipment
- Laser pointer guidance - reduces wear and tear on equipment
- 12 Powered rollers (6 rollers per compartment) - quicker, more efficient battery exchanges especially helpful with large battery size
- ID card security - restricts access and identifies users of Hydra-Handler
- Heavy duty option - intended for high volume, heavy battery applications
- Laser personnel detection - prevents damage to equipment or personnel
- Custom size of system to meet all battery sizes and floor spaces.
- On board watering system - easy watering batteries in multi-level rack systems
- Strobe light w/motion alarm - visual and audible warning that Hydra-Handler is in use
- Strobe light
- Blue light – pedestrian warning light
- Horn – allows ability for operator to alert pedestrians
- Magnet extraction is an upgrade
- Mechanical flip-up stops - prevents accidental discharge of battery from Hydra-Handler
- Extended reach extractor arm – lengthens the reach of the extractor arm to reach batteries in lift trucks with outriggers
- Magnet extraction with two year warranty
- 7 inch step for ease in entering operator compartment
- Low arm requirements for Automated Guided Vehicles battery extraction
- Roller deck locking for multi-level stands automatically controlled by PLC
- Battery powered remote lowering of operating compartment for semi-automation of Hydra-Handler
- 120v Duplex outlet in operator compartment



On Board Watering



Extended Reach Extractor Arm



Proximity Laser



Mechanical Flip-Up Stops



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## HEADQUARTERS

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