

DH5HP



5HP

# DECKHAND®

Power and Flexibility in both Vertical and Horizontal Utility Applications

## VERSATILE

Featuring a high-performance rotary drive package, DECKHAND®5HP can string pipe, set utility poles, handle I-beams, build roads and more, thanks to the modular capabilities of the DECKHAND® system.

## PRODUCTIVE

Customizable to your specific needs, DECKHAND®5HP configurations are available for mechanical pipe joining, utility augering and winching, flexible pipe handling —anywhere you need precision load control.

## RELIABLE

DECKHAND® is built from high quality components to ASME and CE standards. Achieve total load control from the safety of the excavator cab, out of harm's way.



LaValley Industries®

Learn more at

[LAVALLEYINDUSTRIES.COM](http://LAVALLEYINDUSTRIES.COM)

# **DECKHAND®** **5HP**



## **DECKHAND® PRODUCT FEATURES**

- Mounts to any brand of excavator in the 20-36 metric ton range
- DECKHAND®5HP designed with greater functionality and additional rotary torque for the most challenging conditions, including mountain terrain and vertical applications
- 360° continuous rotation for maximum versatility
- In-cab display for safely monitoring and adjusting functions, working parameters, and hydraulic settings
- Load hold valves for grip security regardless of hydraulic pressure
- Shift Function allows each arm to independently shift 5.5 inches along the Main Beam
- Powered by the excavator or prime mover's auxiliary circuit
- Optional stick-mounted cameras for added visibility
- DECKHAND® controls replace excavator hand grips

**SAFER, FASTER, BETTER**

 LaValley Industries.

## **TECHNICAL SPECIFICATIONS**

**CAPACITY**  
**30,000 LB**  
**13,607 KG**

**EXCAVATOR  
WEIGHT CLASS**  
**20-36**  
**METRIC TONS**

**MODEL NUMBER**  
**DH5HP**

**MAIN BEAM SIZE**  
**6X6**

**WEIGHT**  
**3246 LB / 1472 KG**

**SUPPLY PRESSURE**  
**5000 PSI / 345 BAR**

**MAX FLOW**  
**50 GPM / 211 CM**

**MIN FLOW**  
**15 GPM / 86 CM**

**STANDARD FLOW**  
**20 GPM / 150 CM**

# DECKHAND® 6X6 MAIN BEAM ARM OPTIONS

## PIPE ARM

- Individual sizes designed to handle 16", 20" and 24" diameter coated or uncoated pipe
- Handles pipe on and off trailers, rail cars, or pipe rack without disturbing adjacent pipe
- Sensors allow operator to monitor arm grip status while moving pipe
- Load locking valve system ensures pipe is never dropped
- Proximity sensors inform operator of correct positioning and clearance
- Pipe can be lifted from an off-center position
- Arms utilize long lasting wear pads to protect coated pipe from damage
- Fast and efficient at stringing pipe during pipeline construction
- Can handle pipe covered with snow, ice or dirt

## INTERCHANGEABLE PIPE ARM

- Designed with interchangeable pipe tips in two arm housing sizes (IPAM and IPA)
- Interchangeable Pipe Arm Medium (IPAM) handles 14-18" diameter coated and uncoated pipe
- Interchangeable Pipe Arm (IPA) handles 4-12" diameter coated and uncoated pipe
- Handles pipe on and off trailers, rail cars, or pipe rack without disturbing adjacent pipe
- Sensors allow operator to monitor arm grip status while moving pipe
- Load locking valve system ensures pipe is never dropped
- Proximity sensors inform operator of correct positioning and clearance
- Pipe can be lifted from an off-center position
- Arms utilize long lasting wear pads to protect coated pipe from damage
- Fast and efficient at stringing pipe during pipeline construction
- Can handle pipe covered with snow, ice or dirt

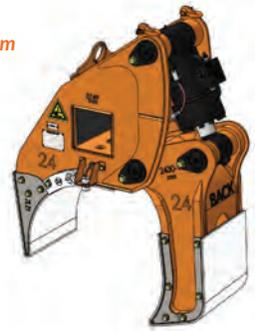
## INTERCHANGEABLE MATERIAL HANDLING ARM

- Utilizes interchangeable material handling tips designed for flexible pipe
- Available for 6", 8", 10" diameter flexible pipe
- Sensors allow operator to monitor arm grip status while moving load
- Load locking valve system ensures load is never dropped
- Load can be lifted from an off-center position
- Arm tips can be equipped with wear pads to protect pipe or load from damage
- Allows fast, efficient material handling

## MAT ARM

- Designed to precisely handle and position wood or composite mats up to 40' long and 12" thick
- Utilizes interchangeable tines to handle 3', 4', 5', and 8' mats
- Sensors allow operator to monitor arm grip status while moving mat
- Load locking valve system ensures mat is never dropped
- Mats can be lifted from an off-center position
- Mats can be placed with precision under total operator control
- Positive grip allows dirt and debris to be shaken off mats during removal

Pipe Arm



Interchangeable  
Pipe Arm Medium  
14-18"



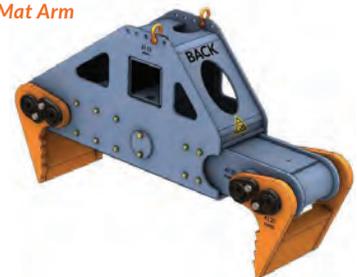
Interchangeable  
Pipe Arm  
4-12"



Interchangeable  
Material  
Handling Arm



Mat Arm



## UTILITY ARM

- Utility Arm S handles 2-16" diameter pipe, poles, or casings
- Utility Arm HP handles 7-26" diameter pipe, poles, or casings
- Sensors allow operator to monitor arm grip status while moving load
- Load locking valve system ensures load is never dropped
- Arms utilize long lasting wear pads to protect coated pipe from damage
- Load can be lifted from an off-center position
- Fast and efficient at vertical applications, such as utility pole installation
- Ideal for positioning during welding, lowering in, and pipe extraction
- Able to handle bent pipe, elbows, tees and valves
- Can handle load covered with snow, ice or dirt

Utility Arm S



Utility Arm HP



## I-BEAM ARM

- Designed to precisely handle and position I-beams with W8-W16 IN flanges
- Sensors allow operator to monitor arm grip status while moving I-beam
- Load locking valve system ensures I-beam is never dropped
- I-beams can be lifted from an off-center position
- I-beams can be placed with precision under total operator control

I-Beam Arm



## ROLLER ARM

- Roller Arm S handles 2-16" diameter pipe, poles, or posts
- Roller Arm HP handles 7-24" diameter pipe, poles, or posts
- Capable of rotating a pipe, pole, or post 360° within its grip
- Features an innovative wheel design integrated within the Grab Arms
- Sensors allow operator to monitor arm grip status while moving pipe, poles, or posts
- Load locking valve system ensures pipe, poles, or posts are never dropped
- Pipe, poles or posts can be placed with precision under total operator control

Roller Arm



## DIRECTIONAL DRILLING ARM

- Directional Drilling Arm handles 3.5-9" diameter drill rod or uncoated pipe
- Directional Drilling LT Arm handles 4.5-9" diameter drill rod or uncoated pipe
- Handles pipe on and off trailers or pipe rack in any weather condition
- Sensors allow operator to monitor arm grip status while moving pipe
- Load locking valve system ensures pipe is never dropped
- Proximity sensors inform operator of correct positioning and clearance
- Pipe can be lifted from an off-center position

Directional Drilling Arm



Directional Drilling LT Arm



VIEW ALL ARM  
COMPATIBILITY



VIEW ARM  
CHANGEOUT  
PROCESS