

DHXL



XL

DECKHAND[®]

Power and Durability in Large-Scale Pipeline Construction Operations

CAPABLE

Designed with load-locking valves and a 5:1 hydraulic safety factor, DECKHAND[®]XL can safely pick up and place large diameter pipe from rail cars, trucks, or stockpiles. Maintains a secure grip even in wet or dusty weather.

PRODUCTIVE

Ready for building the world's infrastructure, DECKHAND[®]XL is the industry's leading pipe handling solution for large diameter mainline pipe. Suitable for excavators in the 60-75 metric ton range.

RELIABLE

DECKHAND[®]XL 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.

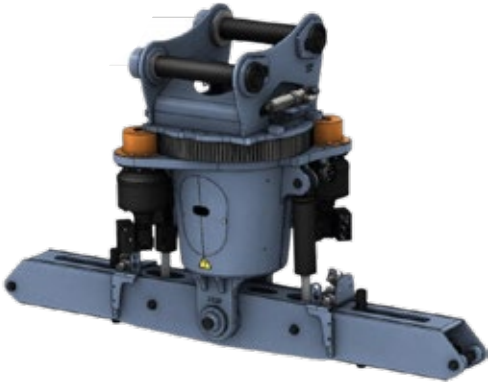


LaValley Industries[®]

Learn more at

LAVALLEYINDUSTRIES.COM

DECKHAND® **XL**



DECKHAND@XL HEAD



56-INCH PIPE ARM

DECKHAND® PIPE HANDLING FEATURES

- Mounts to any brand of excavator in the 60-75 metric ton range
- DECKHAND®XL designed with greater functionality and power for the most challenging conditions, including mountain terrain and pipe handling in windy conditions or wet/dusty weather
- 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 7.5 inches along the Main Beam
- Tilt loads up to 14° for superior precision in load placement
- 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

50,000 LB

22,680 KG

EXCAVATOR WEIGHT CLASS

60-75 METRIC TONS

PIPE DIAMETER RANGE

30-56 IN

76-142 CM

MODEL NUMBER

DHXL

MAIN BEAM SIZE

10X10

WEIGHT

4177 LB / 1875 KG

SUPPLY PRESSURE
3200 PSI / 221 BAR

MAX FLOW

40 GPM / 151 LPM

MIN FLOW

30 GPM / 114 LPM

STANDARD FLOW
35 GPM / 132 LPM

PIPE ARM COMPATIBILITY

- **PAXL30**
- **PAXL36**
- **PAXL42**
- **PAXL48**
- **PAXL56**



DECKHAND® COMPETITIVE ADVANTAGES

The **DECKHAND®** by LaValley Industries offers a long list of advantages versus traditional material handling methods in terms of safety, operational efficiency, and total project costs:

	STRAPS & CHAINS	VACUUM LIFTS	DECKHAND®
OPERATION	2-4 PEOPLE	1-3 PEOPLE	1 PERSON
When it comes to working with straps and chains or vacuum lifts, both require extra manpower for positioning loads for final placement. DECKHAND® only requires one operator.			
PRODUCTIVITY	POOR	FAIR	EXCELLENT
While working with straps and chains or vacuum lifts require multiple workers, the DECKHAND® requires just one operator. Vacuum lifts are slower than DECKHAND® at moving and positioning loads.			
OVERALL SAFETY	POOR	FAIR	EXCELLENT
DECKHAND® eliminates workers and extra equipment in the vicinity of lifted loads. No matter the weather conditions, DECKHAND® offers positive grip and total control of loads, unlike vacuum lifts.			
LABOR COST	2-4 PEOPLE	1-3 PEOPLE	1 PERSON
DECKHAND® takes fewer personnel to get the job done, allowing reallocation to other project budgets.			
LOAD HOLDING	CONDITIONAL	FAIR	EXCELLENT
Load holding valves on DECKHAND® ensure that loads never drop, regardless of hydraulic pressure.			
LOAD CONTROL	POOR	POOR	EXCELLENT
DECKHAND® offers 360° powered control of loads in all directions. Vacuum lifts are free-swinging in one direction and cannot tilt pipe.			
LOAD PLACEMENT	CONDITIONAL	FAIR	EXCELLENT
DECKHAND® offers 360° powered control of loads in any direction, which allows for fast, accurate pipe, pole, mat, and rod placement without any ground assistance.			
TOTAL OWNERSHIP COST & ROI	MEDIUM	HIGH	LOW
When factoring in productivity gains, low cost of maintenance, improving safety for personnel, and equipment and labor budgets, the DECKHAND® has a proven low cost of ownership and high ROI.			
LOAD DAMAGE RISK	HIGH	MEDIUM	VERY LOW
Slings and straps can break, dropping or swinging loads into objects, causing material and equipment damage. Vacuum lifts can drop pipe unintentionally or swing pipe into objects.			



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COMPANY
GUIDE**



LaValley Industries®

lavalleyindustries.com
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**VIEW
PRODUCT
CATALOG**



SAFETY STANDARDS

Safety is the lens through which we view every aspect of our product development. We align our product designs with national and international engineering and safety compliance standards so your crews can perform their best. **It's reliability you can count on.**



We have engineered and constructed our patented products to meet or exceed the applicable standards of the American Society of Mechanical Engineers (ASME) for Below-The-Hook lifting devices. The two applicable standards are ASME B30.20-2006 and ASME BTH-1-2008 both of which are briefly summarized as follows:

BELOW-THE HOOK LIFTING DEVICES

Summary of ASME B30.20 Standard

This standard contains specific provisions that apply to the marking, construction, installation, operation, testing, and maintenance of "Below-the-Hook" lifting and material handling or related equipment. This standard is broad in scope and is to be used in conjunction with ASME BTH-1-2008.

DESIGN OF BELOW-THE HOOK LIFTING DEVICES

Summary of ASME BTH-1 Standard

This standard provides the clarification of the intent of ASME B30.20-2006 with respect to the structural design of below-the-hook lifting devices. The ASME BTH-1-2008 only addresses design requirements and should be used in conjunction with ASME B30.20-2006.



Our products are CE compliant and TUV tested

LaValley Industries products meet or exceed CE compliance requirements, including full SE and RED testing for EMC compliance under standard EN 13309:2010 for construction machinery electromagnetic compatibility of machines with internal power supply.



Operator Training Requirements

We require that all operators of LaValley Industries' products undergo official operator training and certification. Training is done on-site by our certified personnel using a 'train-the-trainer' model. This certification renews every three years, ensuring operator knowledge stays fresh.