

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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LaValley Industries®

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