LS-248H
HYLAB Series

Lattice Boom Crawler Crane
200-ton (181.44 mt)

- 200-ton (181.44 mt) at 10’ (3.05 m) radius
- Maximum 280’ (85.34 m) of conventional boom or 240’ + 100’ (73.15 + 30.48 m) of offsettable jib for 337’ (102.72 m) tip height
- Luffer ready
- Maximum 190’ (57.91 m) of luffing boom + 190’ (57.91 m) of luffing jib and fixed jib for 380’ (115.82 m) tip height
- All hydraulic power with fine inching control
- Self-assembly and disassembly (no helper crane required)
- Main transport load is 68100 lbs (30890 kg)
- Completely sealed lower
- Compact travel drives
- Ergonomic cab layout with arm chair controls
- 248 hp Isuzu engine
- Meets latest OSHA requirements for handling personnel
LS - 248 H II
HYLAB Series
Unbeatable hydraulic control system, luffing availability and maximum transportability

Variable displacement hydraulic system provides maximum reliability and precise load control
- Two variable displacement piston pumps provide power to individual hydraulic motors for fast, efficient operation of main, auxiliary and boom hoist drums.
- Infinite control of load speed in hoist and lowering modes.
- Maximum full load line speed of over 595 fpm (181.36 m/min).
- Fully independent hydraulic control allows drums to be run simultaneously at different speeds or in different directions.
- Selectable freefall or automatic brake mode of operation for load lowering.
- All hydraulic power with fine inching control for super precise control of load lowering/hoisting, boom hoist or travel.
- Optional third drum mounted in boom base.
- Variable speed control of all functions.
- Power up and power down on all drums.
- Extra wide, equal size drums easily viewed from operator’s control center.
- Anti-two block system.
- Swing alarm.
- Mechanical drum rotation indicators.
- Quiet 248 hp Isuzu A-6SD1T engine.

Lower
- High flotation, extra-wide self-cleaning 44” (1.12 m) track shoes form a wide gauge of 23’ 6” (7.16 m).
- Ball bearing turntable with two-position locking mechanism.
- Sealed track rollers, idler and drive planetaries and compact hydrostatic drives add up to outstanding reliability and maintenance-free operation.
- Side frame counterweights - 24,000 lbs (10 886 kg).

Operator's cab
- Swing-up roof window with wiper.
- Sliding front glass.
- Six-way adjustable seat.
- Hand and foot throttle.
- Hand and foot-operated boom hoist control.
- Pilot-operated arm chair single-axis control levers.
- Swing lever with swing brake and horn located on handle.
- PAT DS-350 rated capacity limiter.

Seamless welds and treated hardware throughout attachment.

Attachment flexibility offers extended range
- 50’ - 280’ (15.24 - 85.34 m) conventional boom.
- Optional auxiliary 5’ (1.5 m) tip extension designed to provide clearance between two working hoist lines.
- 40’ - 100’ (12.19 - 30.48 m) tube jib, offsettable at 5°, 15° or 25°.
- 42.5-ton (38.5 mt) capacity, 380’ (115.82 m) luffing attachment with 360° capacities, utilizing conventional boom for luffing boom.

Move quickly from job to job
- Self-stripdown capabilities - no helper crane needed.
- Counterweights can be removed and installed using the crane’s live mast or the optional 10’ (3.05 m) boom extension with lifting sheaves.
- Handling sling - standard.
- Lower frame jacking cylinders lifts the upper, lower frame and treadmembers off the ground to quickly load for transport.
- Moves in eight loads with full boom, jib and counterweight.

Optional 10’ (3.05 m) boom extension handles treadmembers, counterweight and boom during self-stripdown or erection.

Counterweight tray, repositionable ladders and removal catwalks provide outstanding accessibility.

Hydraulic jacking system lifts the upper, lower frame and treadmembers off the ground. Treadmembers are removed and a trailer can then be backed under the lower frame and upper for transport.

248 hp Isuzu A-6SD1T-QB-01 engine.

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