

# LS-248H II

## 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 68,100 lbs (30 890 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



H17.08.06

hydro-crane

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Unbeatable hydraulic control system, luffing availability and maximum transportability



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Seamless welds and treated hardware throughout attachment



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



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.

## 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 mounts 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-QB-01 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) each

## 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

## 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 m) 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.

