238
HSL Series

150 ton (137 mt)
Lattice Crawler Crane

- Tier 4i Isuzu power 282hp (210 kw) (high sulphur version available)
- Standard freefall wet brake winches with automatic mode, 26mm wire rope front & rear
- 30 ton (27.2 mt) jib
- Hook and pin side frames
- HSL-style operator’s cab
- Modular counterweight design
- Range control
- Upper guard rails
- Rear view camera with color monitor
- Bullet-proof hydraulic pilot-operated controls
- BIG capacities
- Luffer-ready

Link-Belt
150 ton (99.97 mt)
Lattice Boom Crawler Crane

- Transport complete crane with base section and optional 10 ft (3.05 m) rigging insert, less sideframes and counterweight under 90,000 lbs (40,823 kg)
- 7-piece counterweight system design with innovative removal system
- Latest rated capacity limiter with color graphics
- Power-up/down with auto brake OR freefall
- Superior capacities

Counterweight “biscuit” design allows for various configuration options and easy transport
Audio visual swing alarm
Non-slip safety strips, full-length catwalks and sideframe steps provide sure-footed access to the crane upper
Compact, high torque final drive with multi-speed travel
Hook and pin side frames

Remote-control operated hydraulic counterweight removal cylinders
Rope guards and polyamide sheaves
Sealed boom hoist bearings in mast and ball

Redundant limit switcher
Spring-loaded backstops
Extra protection for backstop over-hoist

Checklist
- Upper guardrail
- Rear view camera
- Travel and swing alarm
- Cat walks
- Optional winch view camera

Great clearance
No lower counterweights to assemble or transport
Carbody jacks with live hydraulics - standard
Completely sealed lower, sealed (oil-filled) track rollers, and drive planetaries and compact hydrostatic drives add up to outstanding reliability and near-maintenance-free operation.

**Heavy-duty power for the most demanding jobs**
- Robust engine with total horsepower control provides unbeatable line speeds under load
- Six pump main hydraulic package provides smooth performance
- Matched front & rear drum performance with 46,924 lbs (21,285 kg) line pull
- Multi-disk wet brakes for smooth load control. Minimal no friction drag from planetary.
- 26 mm rope on front and rear hoists with automatic pawl and grooved lagging
- True gravity freefall for cycle-type work, pile driving
- Dual swing drives provide smooth swing control
- High travel torque

**Options include:**
- Third drum features with controlled free spooling capability for pile driving applications or power up/down as auxiliary hoist line
- Third drum power-up/power-down with auto-brake provides auxiliary 3rd line for conventional and luffer use
Awesome air, comfort & control at your fingertips

The spacious HYLAB cab is ergonomically designed for maximum visibility, operating comfort and control with these standard features:

- 18,000 BTU air conditioning and 19,000 BTU heating run through upper and lower vents
- Rating capacity limiter with load cell located in boom hoisted dead end
- Pilot-operated armchair controls with adjustable sliding console
- Foot throttle pedal
- Travel levers conveniently located on right hand console

Operator’s cab console features include:

- Complete engine monitoring
- Rear view monitoring
- Free-fall mode indicator
- Anti-two block override switch
- Boom hoist override switch
- Limit alarm indicator light
- System override switch and indicator light
- Front, rear and third drum lock switch

HSL capacity limiter with high visibility color graphic display
Available attachments provide strength and versatility

**Conventional open throat boom**
- 260 ft (79.25 m) conventional boom
  - 70” x 62” (1.78 x 1.57 m) in-line pin-connected tube boom attachment and open throat top section
- Main chord members are made with 100,000 psi yield material with high strength lattice.
- Wire rope pendants stow with boom connecting pins on each extension for ease of transport.
- Boom suspension is achieved through 14-part boom hoist reeving.
- Standard equipment wear blocks protect lattice sections from wire rope scuffing.

**Auxiliary 5 ft (1.5 m) tip extension**
- Optional — designed to provide clearance between two working hoist lines

**Fixed jib**
- 30 ft to 60 ft (9.14 - 24.38m)
- Offset angles at 5°, 15° and 25°

**Boom and jib — open throat**
- 230 ft + 80 ft (70.10 + 24.38 m) tube boom + fixed jib
- 313 ft (95.40 m) maximum tip height

**Luffing attachment**
- 27 ton (24.5 mt) capacity, 345 ft (105.16 m) luffing attachment with 360° capacities, utilizing conventional boom for luffing boom
- 85 ft to 165 ft (25.91 m to 50.29 m) luffing boom
- 80 ft to 160 ft (24.38 m to 48.77 m) luffing jib
- Maximum combination: 165 ft + 160 ft (50.29 m + 48.77 m)

All boom sections are manufactured in Lexington, Kentucky for fast, accessible, easy service, parts and replacement.
Transports with base section & 10 ft insert — start lifting immediately!

- Transports with base section and optional 10 ft (3.05 m) rigging insert
- 15,000 lb (6,804 kg) biscuit-style counterweight maximizes transportability
- Simple counterweight removal system lowers counterweights all the way to the ground
- Carbody jacks are plumbed live — no need to disconnect
- Three-legged lift sling handles counterweight and crawlers
- 238 HSL moves in 7 loads with full boom, jib and counterweight
- Self-assembly and disassembly (no helper crane required)

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