LS-278H attachments...strength and versatility

**Conventional open throat boom**
- 330 (109.58 m) conventional boom
- Using pin-connected sections and open throat top section, the LS-278H provides the longest boom lengths in this machine class.
- Main chord members are made with 100,000 psi yield material with high-strength lattice.
- Boom suspension is achieved through 18-purse boom head using dual pendant ropes.
- Standard equipment deflector rollers protect lattice sections from wire rope damage.

**Boom and Fixed Jib — open throat**
- 300 x 109 (91.44 m + 30.48 m) boom + fixed jib
- Fixed jib is common with HD-278H fixed jib.

**Hammerhead top with auxiliary lift extension**
- 246 (74.68 m) hammerhead boom
- Hammerhead top section for greater load clearance with offset lifting sheaves.
- Self-locating to extension is available.

**Open throat with horsehead lift extension**
- Horsehead-style auxiliary lifting sheave is available with open throat top.

**Lifting boom attachment**
- 209 x 209 (62.06 m + 20.1 m) lifting boom + lifting jib
- Conventional boom on LS-278H also serves as lifting boom.
- Lifting attachment for the LS-278H is the latest design with lifting jib having as-consistent lift jib and is easier to assemble.
- Top section assembly of lifter transports as one piece and makes for fast, easy assembly to the lifting jib, which is common boom to the LS-278H II.
- This attachment flexibility and simplicity makes the LS-278H — conventional or with lifting attachment — the first machine of choice to go out of the yard and to the job.

All boom sections are manufactured in Lexington, Kentucky for fast, easy service, parts and replacement.

10' self-assembly section — shown on lifting boom — is available for all configurations.

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**LS-278H**

**HYLAB Series**

**Lattice Boom Crawler Crane**

**250-ton (227 mt)**

- 250-ton (227 mt) at a 13' (3.95 m) radius
- 330 (109.58 m) maximum conventional boom length
- 400 (121.92 m) maximum boom and fixed jib
- 430 (136.63 m) maximum lifting boom and lifting jib
- Maximum tip height of 403' (123.26 m) for boom and fixed jib or 439 (133.18 m) lifting boom and lifting jib
- 340 (103.63 m) maximum lifting radius (conventional boom + jib)
- Transport weight is less than 91,300 lbs (41,413 kg) with cab, operator, fuel, and hoist ropes
- Lightweight modules allow maximum boom and fixed jib to transport on 10 loads
- Counterweight removal system with remote control for fast, simple, self-assembly
- 440 hp (332 kW) Cummins engine
- Maximum winch line pull 56,103 lbs (25.26 t)
- Maximum line speed 550 fpm (167 m/minute)
- Sealed lower

*Previously manufactured.
Comfort and control at your fingertips

The RTLAB crane operations control center is ergonomically designed for maximum operating comfort and control. Features include:

- Sneeze-up roof window with wiper
- Sliding front glass
- Engine instrumentation panel
- Six-way adjustable seat
- Hand and foot throttle
- Hand and foot-operated boom hoist control
- Pilot-operated arm chair single-axis control levers
- Sling lever with swing brake and arm located on handle

Operator's cab console features include:

1. Swing
2. Hand drum
3. Front drum
4. Rear drum
5. Boom hoist (front)
6. Foot throttle
7. Boom hoist (rear)
8. Left travel
9. Right travel

The boom hoist drive is designed to rotate at attachment's full capacity. Contact us for more information.

The front and rear hoist drums feature manual Raise, Lower, and Brake quick release drum. The drum is operated by a lever mounted on the side of the control panel.

The upper main boom is the main control panel with power and control information.

The lower main boom is the main control panel with power and control information.

The hydraulic system on the LS 5118 provides less swing load of the crane with the integrated swing drives and safety features.

Ready to stab boom in less than 50 minutes

- 10 loads for maximum counterweight and 400' (121.92 m) of boom and jib
- Main load transport weight is 91,260 lbs (41,414 kg) or 38,900 lbs (17,667 kg) with boom base and 10' extension
- 7 loads for maximum counterweight and 160' (48.77 m) booms

10 minutes per side

- Machine assembly and disassembly can be achieved using the boom hoist boom and, in 10 minutes, the complete system can be assembled.
- Cab body includes a quick lift that easily lifts the boom into its place. Once the boom is lifted, it is handily lowered and the assembly is completed in 10 minutes.

5 minutes per side

The simple jack point design allows easy counterweight to swing into place firmly and hang on counterweights.

20 minutes

Ready to go! Crane operators can easily take care of handling tasks with the new LS 5118 crane.