Wide or narrow gauge – patented
All hydraulic controls & power
Dual cross-section main boom
High performance matching main hoists with 28mm rope
Tilt cab
High torque travel motors
Luffing attachment utilizes conventional main boom dual cross-section
Two lift tops available

Lattice Boom Crawler Crane
300-ton (272 mt)
• Exceptional versatility with long range and heavy duty boom options
• Wide or narrow footprint
• Heavy duty power meets the needs for your most demanding jobs
• Versatile and simple counterweight system
• Highly functional and comfortable cab
• Easy to transport and assemble

Remote-control operated hydraulic counterweight removal cylinders

Counterweight “biscuit” design allows for various configuration options and easy transport

Max-Trax extends tracks to allow up to 20% increase in stability area of chart
• 19’ 2” (5.8 m) retracted gauge to get into tight job sites
• 22’ 6” extended gauge for max capacities
• Full contact 50” track shoe design for maximum contact area minimizes ground bearing pressure
• Hook-and-pin side frames, hydraulic track tension system, completely sealed lower
• Hydraulic fittings located on manifold for easy access and handling
• Sealed oil-filled track rollers, drive planetaries and compact hydrostatic drives add up to outstanding reliability and maintenance-free operation.
• Optional 60” track shoes

Self-assembly cylinder storage location

Live mast

Polyamide sheaves

Live mast flip arms

Hydraulic backstops

Storage box

Carbody counterweights

Non-slip safety strips, full-length catwalks and sideframe steps provide sure-footed access to the crane upper
Heavy-duty power meets the need for your most demanding jobs

- Robust engine with total horsepower control provides unbeatable line speeds under load
- High travel torque keeps crane mobile on job site
- Six pump main hydraulic package provides smooth, uninterrupted performance
- 28mm rope on front and rear hoists with automatic pawl and grooved lagging
- Matched front & rear drum performance with 54,000 lbs (24,494 kg) line pull
- Remote hydraulic cooler with thermostatically controlled, hydraulically operated fan
- Options include:
  - True gravity freefall for cycle-type work, pile driving
  - Optional third drum offers 32,900 lbs (14,923 kg) line pull and 375 ft/min (114.5 m/min) line speed

Shown with optional freefall
Highly functional and comfortable HYLAB cab

- Cab tilts up to 20°
- Low-effort hydraulic pedals with minimal range of motion for units equipped with freefall option
- 18,000 BTU air-conditioning
- 19,000 BTU hot water heating
- Six-way adjustable seat
- Easy-to-read backlit gauges
- Adjustable armrest console with pilot-operated single-axis controls
- Hydraulic pilot controls for variable hoist, swing and travel performance
- Variable hydraulic output from main pumps controlled by variable hand throttle for infinite control
- Fingertip high speed hoist button for front and rear drum
- Full function SML-10 rated capacity limiter monitored by load sensing via boom hoist mounted load cell
348 HYLAb 5 attachments ...
modular, versatile & strong

Heavy-duty tube boom
• 70' - 300' (21.3 - 91.4 m) heavy-duty tubular boom
• Heavy-duty boom tip
• Bar pendants
• 20' tapered section allows addition of long range boom
• Heavy-duty boom is also luffing boom

Long range boom
• 85' - 355' (25.9 - 108.2 m) long range boom
• Long range boom tip
• Bar pendants
• Used with heavy-duty base section and 20' tapered section
• Maximum tip height of tube boom + jib: 440' (134.1 m)
• Long range boom is also luffing jib

Fixed jib
• 40' - 140' (12.2 - 42.7 m) fixed jib
• Used with heavy-duty boom, long range boom or luffing jib
• Offset angles at 5°, 25° and 45°

Auxiliary 5’ tip extension
• Designed to use in place of jib to provide clearance between working hoist lines
• Maximum capacity is 20 tons (18.1 mt)

Auxiliary 10’ Heavy Duty Tip Extension
• 35 ton Capacity

Luffing boom attachment
• Heavy duty boom serves as luffing boom
• Long range boom serves as luffing jib
• Working angles of 90°, 88°, 85°, 80°, 75°, 70° and 65°
• Third drum becomes luffing jib hoist
• Rear drum provides second load hoist
• Luffing jib hoist bridle and bail can remain reeved for machine transport
• Top section of luffer transports as one piece
• Available with mid-fall option

The boom top section features heavy-duty polyamide sheaves and standard pin-on points for attachment of options such as a fixed jib, tip extension and adapters for universal pile driving leads with quick reeve ability.

In-line boom suspension load cell, standard with anti-two block system for both front and rear drum

LEGEND:
Heavy-duty boom JC
Long range boom FE
Jib top E
Jib base K
Jib extensions EF

Luffing attachment 180' = 240'
210' = 240' + 30'
240' = 210' + 30' = 450'

Heavy-duty tip
Long range tip
Transportability and assembly

- Single hydraulic cylinder mounted in live mast is used for self-assembly and disassembly — no need for a helper crane or special rigging block — includes lifting sling
- Live mast folds rearward for transport
- Bar pendants stow on boom extensions in polyamide-lined cache
- Standard left and right catwalks easily store for transport
- Counterweight removal mechanism self-removes for even lower transport weight of main unit

Crawler quick disconnects can attach in minutes — no tools required

Counterweight removal mechanism self-removes for even lower main load transport weight where required.