

Link-Belt Speeder

LS-98A

Excavator/Crane



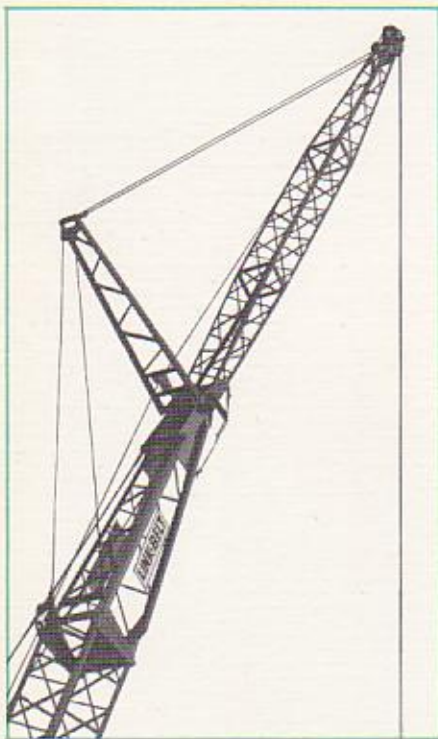
High Strength Angle Boom

Up To 100' Boom + 40' Jib

The LS-98A 40-ton crane offers both angle and tubular type crane booms, pin-connected. The angle boom is quality-built, box lattice construction with alloy chord angles. Basic boom is 2-piece, 40' in length. Boom extensions of 5', 10', and 20' are available up to a maximum boom length of 100'.

Angle boom may be equipped with hoist rope supporting rollers mounted on top of the boom to prevent hoist rope from rubbing the boom lattice. Boom length determines the number of rollers recommended.

Also available is an **angle jib**, bolt connected. Basic jib is 2-piece, 20' in length. 10' jib extensions are



Angle Jib

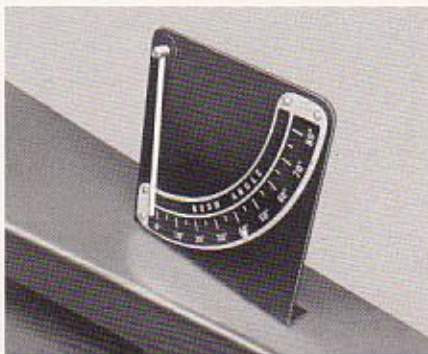
available up to a maximum jib length of 40'. Jib mast is equipped with equalizer sheaves for frontstay and backstay lines. Jib mast is also equipped with a deflector sheave, mounted on anti-friction bearings for the jib hoist line.



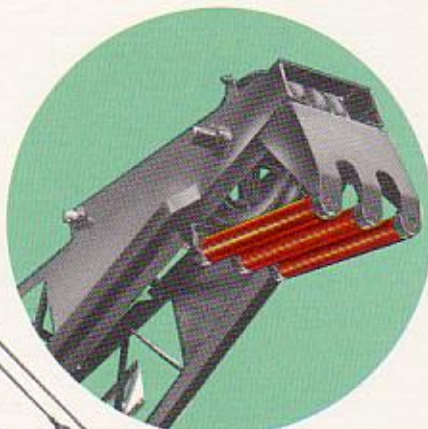
Pin-Connected Angle Boom

The **pin-connected angle boom** means fast, simple folding of the boom. Also, significant time is saved when inserting or removing boom extensions.

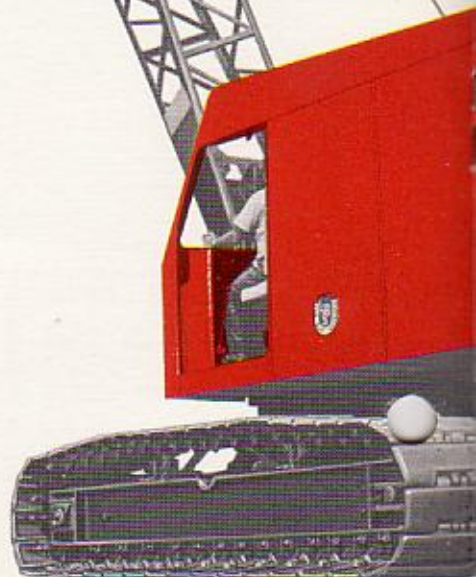
The **boom angle indicator** serves as a handy reference. Mounted on the operator's side of the boom, it is clearly visible to the operator.



Boom Angle Indicator

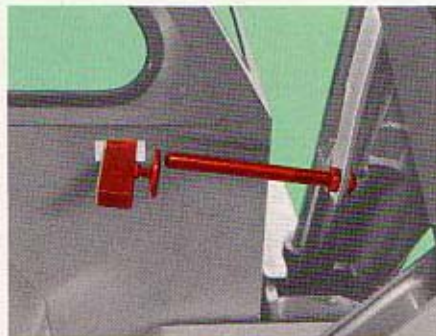


Roller-Type Rope Guards



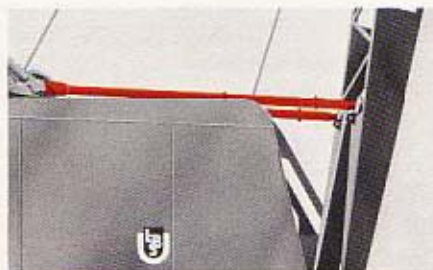
The LS-98A angle boom peak contains three sheaves mounted on anti-friction bearings, eliminating the need for daily lubrication. Single and double sheaves are optional. For applications where only one or two boompoint sheaves are required, **roller type rope guards** are available to help rope play out with smooth, easy action. Less rope sway and friction is encountered, extending both rope and sheave life.

For added safety in close-radius booming, the LS-98A is equipped with a **boomhoist limiting device**. When the boom approaches minimum radius, it actuates a diverter



Boom Hoist Limiting Device

valve located in front of the control console, releasing the boom raising clutch and automatically applying the spring-applied boomhoist brake.



Boom Backstops

Spring-loaded **boom backstops** offer cushioned boom support at minimum radius.

The LS-98A offers as standard a **retractable gantry** which can be quickly raised or lowered under boomhoist power. One-man-operated power hydraulic raising and lowering of the gantry is available as an option.

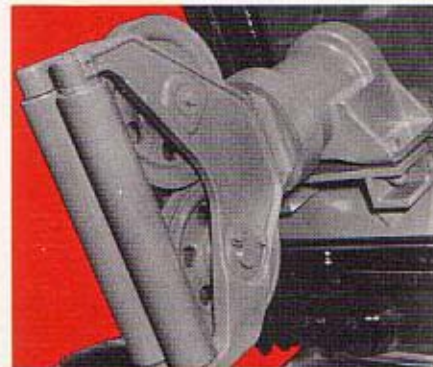
The counterweight is also lowered to the ground, or raised into position on the machine with the retractable



Retractable Gantry

gantry. The gantry is powered by the boomhoist clutches.

The **full-revolving fairlead** rotates to insure full inhaul rope support in all positions. All moving parts are mounted on anti-friction bearings. Saves inhaul rope; permits greater economy.



Full-Revolving Fairlead

Tubular, Pin-connected Boom
Up To 130' Boom or
Up To 110' Boom + 40' Jib

The Model LS-98A also features a 40' 2-piece **tubular, pin-connected boom** with 10', 15', 20' and 30' pin-connected extensions available for a maximum boom length of 130'. Chord members are fabricated of high-strength T-1 type steel. Lattice members are precision cut for a better fit and strength with 360° weld. Also available is a 20' 2-piece tubular, pin-connected jib extendible to 40'.

