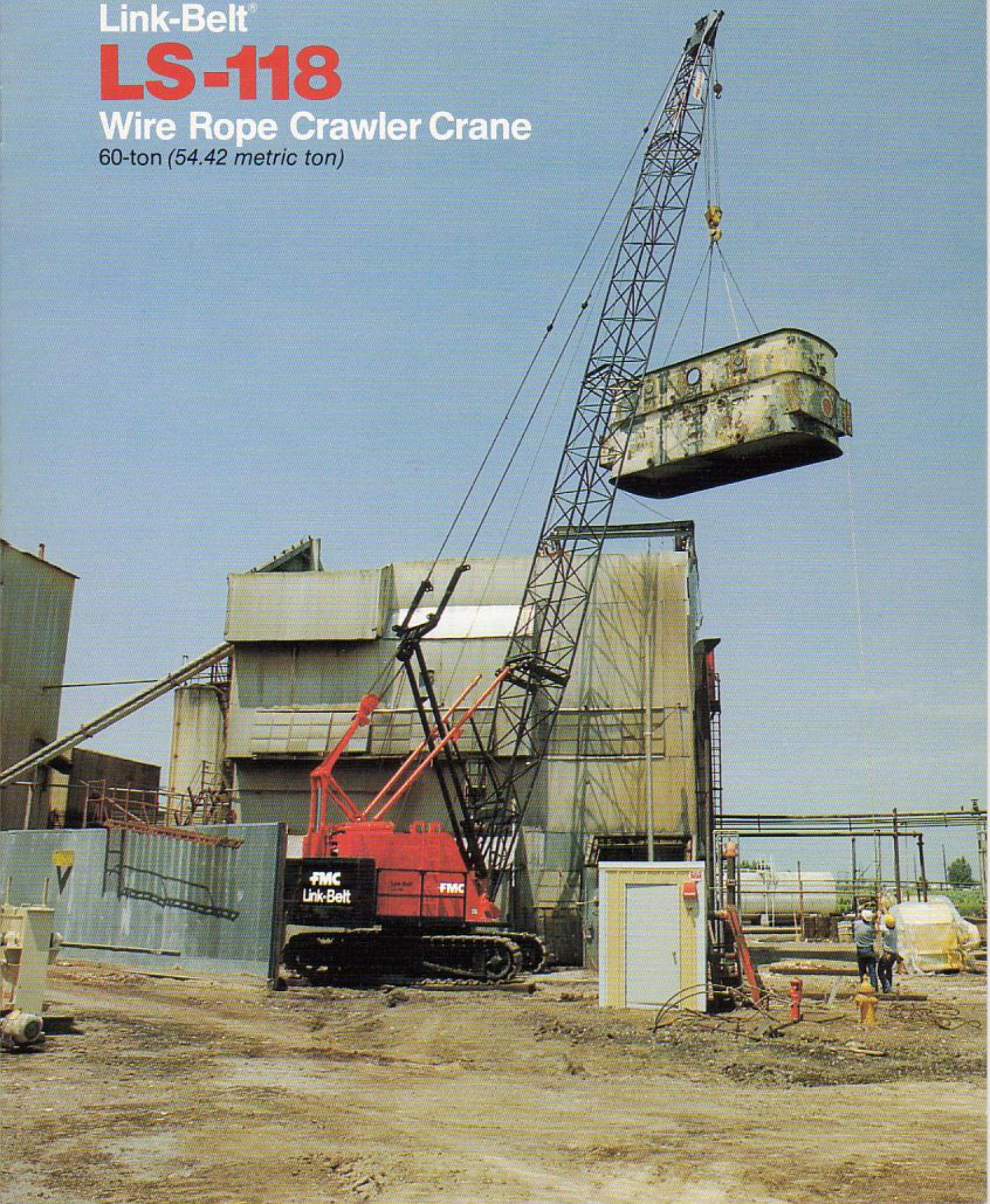


Link-Belt®

LS-118

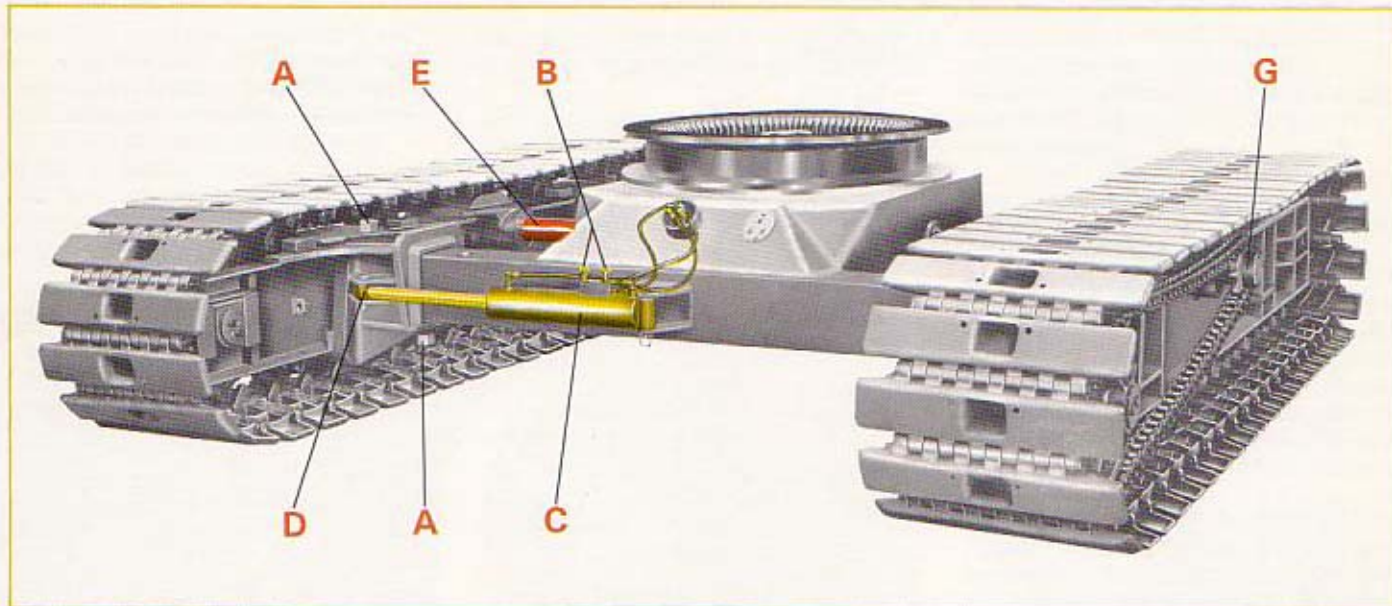
Wire Rope Crawler Crane

60-ton (54.42 metric ton)



Hydraulic Retracting and Extending of Side Frames

Simple and Fast Side Frame Removal

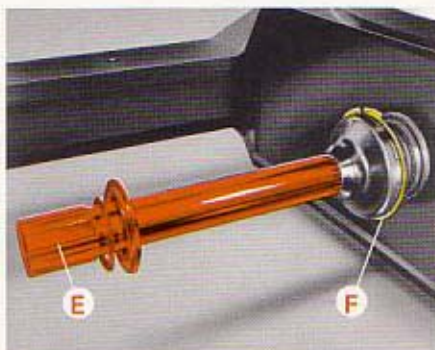


Lower — Side Frames Extended

To meet the needs of the "contractor on the move," the LS-118 crawler **side frames** can be either extended, retracted, or removed completely from the cross axles.

Through the standard power hydraulic steer system, side frames can be hydraulically retracted or extended in minutes from an over-all width of 15' 6" to 11' 11" when equipped with 36" wide track shoes.

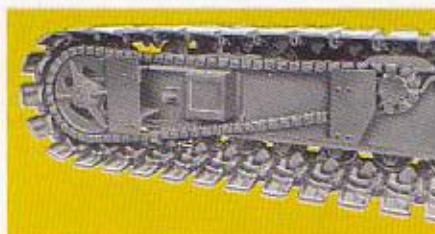
To extend the side frames requires five simple steps: (1) Loosen top and bottom cap screws (**A**) from both front and rear cross axle housing to free side frame from cross axle. (2) Engage right steer control lever in operator control stand which directs oil under pressure to the power steer jaw clutch cylinder within the lower frame and on to the control valves (**B**). (3) Open control valves (**B**) directing oil into both front and rear extend cylinders (**C**), extending side frames as shown above. (4) Close valves (**B**) and again place cap screws (**A**) in position, fixing side frame to cross axles. (5) To extend the opposite side



External Horizontal Travel Shaft

frame, unpin front and rear cylinders (**C**) at rod end (**D**), retract cylinders and swing to the opposite side frame duplicating the procedure.

The **external horizontal travel shaft** (**E**) need not be adjusted for the extended or retracted side frame position. Splined ends of travel shaft (**E**) slide in the internal splines of the hub of the chain drive sprocket (**G**).



Sprocket Guards



External Travel Shaft Jaw Clutch

Crawler side frames can also be completely removed with the drive chains remaining intact. The basic procedure for extending the side frames, outlined above, is followed with one additional step. The external travel shafts (**E**) are connected to the center travel shaft section in lower frame by **jaw clutches** held in engagement with a large snap ring (**F**) shown above. Remove the snap ring, freeing the jaws, and slide the outer shaft further into the chain drive sprocket hub (**G**) to store and protect the shaft when handling the side frames.



**LS-118
60 TON
LIFTING CRANE**

160' tube boom and 40' tube jib

**Retractable and Removable
Side Frames**

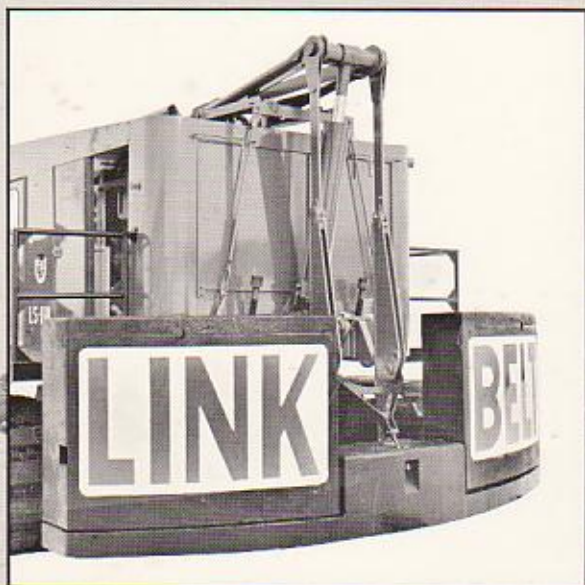
**Hydraulic gantry and
counterweight lowering**

Hydraulic Power Steer

Power Hydraulic Controls



Lower



Cwt. Lowering

Complete Machine