



**LINK-BELT  
SPEEDER**

the  $\frac{3}{4}$  yd. capacity

**LS-78**

with

**TRACTOR-TYPE LOWER**

specially designed for  
MAXIMUM TRACTION  
...EXTENSIVE TRAVEL





### *Extra capacity, strength and maneuverability*

Full-bucket capacity on every trenching assignment with the LS-78's high-strength component design, greater "live weight". And Speed-o-Matic power-hydraulic steering makes the LS-78 exceptionally fast and easy to maneuver.



### *Speed-o-Matic split control stand*

Permits full work-view of below-grade excavating. This feature is especially valuable on close-in hoe or dragline work.

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# LS-78 PIPELINER / MOST MODERN TRACTOR-LOWER DESIGN

## Changes the ground rules for on-the-go $\frac{3}{4}$ -yd. shovel-cranes

NEW "TRAVEL" ENGINEERED LOWER...NEW BALANCE IN POWER, WEIGHT, SPEED AND CONTROL

*If you're a pipeliner, logger or any typical work-and-travel contractor—you need a rig with built-in GO. You need a shovel-crane with the wanderlust, the ability and desire to travel where the work is . . . handling skip jobs on pipeline spreads . . . digging drainage and irrigation channels . . . clearing logging sites.*

**The LS-78 Tractor-Type Lower**, made to order. Tractor-type track replaces traditional crane-type track for cross-country wear and tear. Wide-stance lower features 22-inch ground clearance . . . 26-inch-wide full grouser shoes, 48 to each side frame. The drive has a 7-inch pitch, continuous track-type chain with heat-treated steel track rollers mounted on sealed tapered roller bearings, requiring no further lubrication.

Roots, stones and other objects can't play havoc with the tractor-type chain track belt. A front idler compensator innovation provides immediate relief of excessive tension. After foreign elements are thrown out by the system, the yoke and idler are pushed tight against the track rail again by the compensating spring. With this design, the LS-78 will not walk out of its tracks no matter how rough and tough the terrain may be.

**Compensating system also enables exclusive track adjustment.** The spring and hydro-piston-equipped idler yoke adjusts track tension with a grease gun. A safety relief valve in the hydraulic grease-adjustment system prevents overtightening of the track.

**A superior upper too—completely unrestricted machine operation.** With *exclusive* Full-Function Design you perform up to 6 operations simultaneously or independently; power 3 individual load lines, boom, swing, travel. And only those shafts and gear trains *in use* are under load. The Speed-o-Matic true power-hydraulic control system guarantees instant machine response . . . no jump, jerk, or lag. And the operator remains fresh, safely alert since oil under pressure, not muscle, does the heavy work.

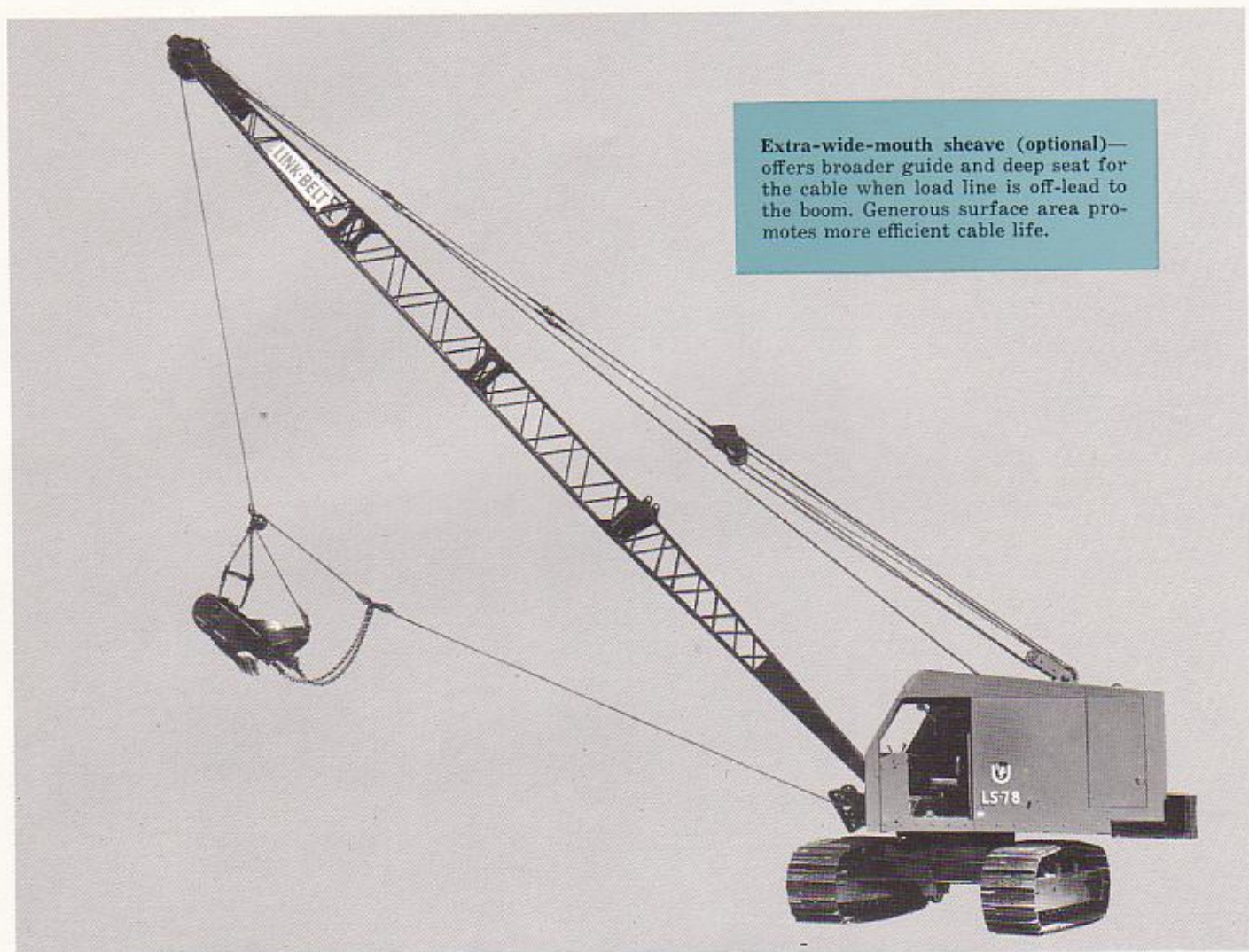
Independent-swing-and-travel (*optional*) eliminates shifting, can add up to an extra hour of output per day. The LS-78 also gives you hydraulic power steering, more usable horsepower and transmission strength to handle rough ground assignments. An independent boomhoist, two-speed travel and electric starter, plus many other outstanding safety-rated features, make the LS-78 with new Tractor-Type Lower the top rig on every job!

### **Specially built lower features high clearance**

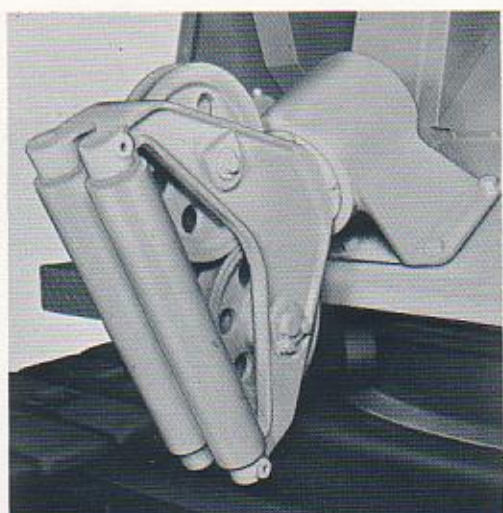
The LS-78 with Tractor-Type Lower has extra high clearance of 22 inches, for operation in rugged terrain. The underside of the lower is completely covered and sealed to protect components from water, dirt and overland snags. The structural steel lower frame is all-welded, stress-relieved; jig line-bored to insure perfect shaft alignment.







Extra-wide-mouth sheave (optional)—offers broader guide and deep seat for the cable when load line is off-lead to the boom. Generous surface area promotes more efficient cable life.



Full-revolving fairleader—rotates to assure full cable support in all positions. All moving parts mounted on anti-friction bearings. Saves cable, promotes greater economy in dragline operations.

## *easier casting... faster cycles*

Exceptional stability and flotation . . . ideally suit LS-78 to dragline work

Production pace-setter in the  $\frac{3}{4}$ -yd. class with greater reach, line speed and pull . . . more cycles per shift!

LS-78 draglines put great usable power, high strength components, independent-swing-and-travel operation on your side, to run up a list of fast job completions.

Free-spooling drums permit long-throw casting with no drag. Inhaul pull is centered—LS-78 stays aligned with the work. Extender cables (standard) speed removal of boom extensions without boom-hoist cable re-reeving. And you get a choice of laggings to best match the LS-78 to your assignments.