

Link-Belt®

LS-98PL

Crawler Pipeliner/Excavator



117-08-22
Hydra-Crete

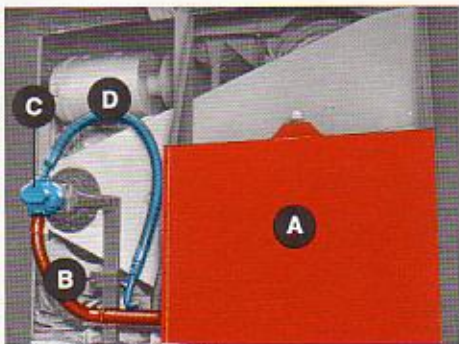
Optional Hoe Arm With Hydraulic Digging Bucket Attachment

LS-98PL Is A Proven Machine With Digging Power

The Link-Belt® LS-98PL pipeliner/excavator with Full-Function upper machinery design, tractor-type mounting, and durable hoe attachment continues to uphold its world-wide reputation for versatility, reliability, and superior day-to-day performance.

The all-welded boom and arm are box-section design for durability. All sheaves are heat treated, ductile iron for longer sheave and rope life. Extra-wide mouth inhaul rope deflector rollers, mounted near the boomhead, deflect inhaul rope when the arm is in an extended or maximum reach position. Pitch brace, located at front of bucket, is arched for faster filling and dumping of heaped bucket loads. Dual, telescoping mast backstops are standard.

To further increase the performance of the LS-98PL, an optional arm with hydraulic digging bucket is available when machine is equipped with friction



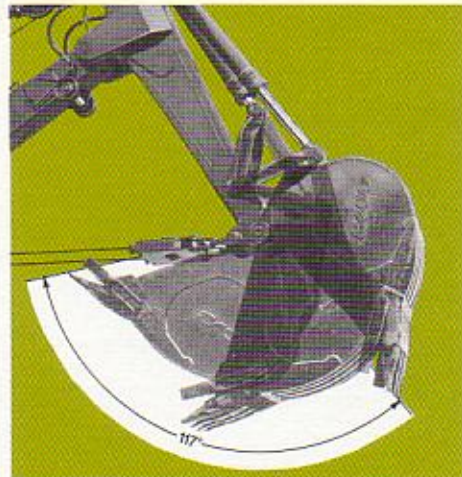
Hydraulic Bucket Power



Toggle Switch For Bucket Control

clutch drive. The front (inhaul) rope drum horsepower is balanced with the **hydraulic bucket power** to permit changing the bucket angle while inhauling the arm. This results in more efficient use of available engine horsepower for faster bucket fill, greater bucket versatility in the ditch, plus a wider range of bucket dump heights. **Hydraulic bucket power** is from the 50 g.p.m. gear-type pump (C) coupled to the engine clutch output shaft. Hydraulic oil, stored in reservoir (A) located inside the right cab extension, flows to the bucket through line (B). The pump (C) directs oil through line (D) to a single control valve (not visible) located behind the oil reservoir (A). The control valve is actuated by

a solenoid valve which is operator controlled by a **toggle switch** mounted on top of swing control lever. The control valve directs oil to the double-acting cylinder mounted on top of the arm. **Bucket wrist action** is 117°. The auxiliary, 2-shoe rear drum brake (item 10, page 4) is standard with the Link-Belt LS-98PL pipeliner/excavator.



Bucket Wrist Action

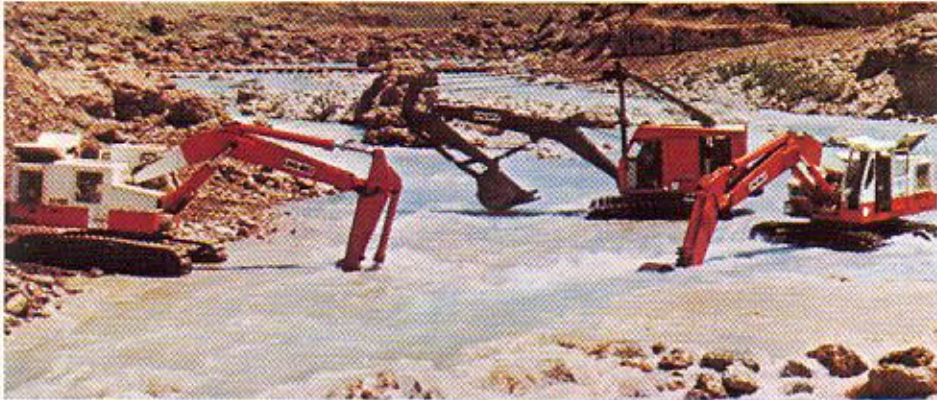


A Full Line Of Link-Belt[®] Crawler Pipeliner/Excavators

Manufacturing, Sales and Service Outlets Throughout The World

FMC Corporation Crane and Excavator Division's reputation as one of the world's leading crane/excavator manufacturers is built on its development of the broadest line to meet specific requirements of many different industries and in many different countries.

Link-Belt pipeliners are specifically designed for the pipeline contractor who needs a durable, proven machine with digging power, plus capable of extensive traveling. Almost anywhere in the world you will find a Link-Belt pipeliner, rope or hydraulic operated.



Little wonder pipeline contractors always think first of Link-Belt pipeliners, the world's most respected name in the industry.

Link-Belt cranes/excavators are manufactured in the United States, Canada, Mexico, Italy, and Japan. And, there's world-wide availability and service through a global network of distributors.



We are constantly improving our products and therefore reserve the right to change designs and specifications.

FMC Corporation Crane and Excavator Division Cedar Rapids Iowa 52406 Plants In: Ontario Canada • Milan Italy • Queretaro Mexico