



S1183 Endformer Hydraulic Endformer

Designer, Manufacturer and Integrator of Machines and Tooling

Features

- Six Hit Machine
- Servo Indexing Tool Head
- AB HMI
- 10 or 15 Ton Hydraulic Ram
- Adjustable Flagstop
- Flood Lubrication
- Accepts Industry Standard Tooling




Lomar's S1183 hydraulic endformer is a six hit machine with standard clamping set-up or optional secondary clamping set-up. The servo indexing tool head offers the flexibility and higher production rates required for today's manufacturing environment.

Lomar's optional patented quick-change tooling allows for faster tooling changeovers and less machine downtime for just-in-time manufacturing.

Programming features through the Touch Screen allow the user to quickly change from part to part. The six position head can be indexed in either direction to allow for minimal cycle times or multiple tooling set-ups.

The secondary clamping operation allows for the ability to use one machine and one operator where traditional set-ups would require two each. Thus increasing machine and operator efficiency as well as maximizing valuable plant floor space.

Options

- Secondary Tube Clamp
- Diagnostic Trouble Shooting Screens
- Automated Load/Unload
- Tooling Development Services
- Quick Change Tooling
 YouTube
- Unist Lubrication System



Features



- HMI screen allows operation in manual mode, auto mode and tooling set modes. Cycle counter, process timer and set-up diagnostics are viewable on the HMI.

Tooling



Tooling

- Machine is setup with Lomar's patented quick change tooling capabilities. No tools are required for punch and clamp block changeover. Changeover can be completed in less than 10 minutes.
- Also accepts industry standard tooling.

Endforms



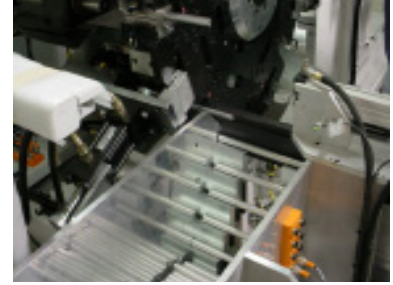
Endform Samples

- S1183 has the capability of forming tube endforms requiring up to six hits in one or two lock-ups. Wall thickening and mechanically locking components are also easily accomplished in this machine.



Lomar Endform Lubricants

Options



Hopper feeder/loader

- Hopper feeder/loader can accommodate a wide range of tube diameters and lengths.
- Safety mat, light curtains, perimeter guarding to meet specific applications.
- Robotic integration for part loading, unloading and transfer.
- Component Bowl Feeders / Tracks.



Robot Integrator



Specifications

ELECTRICAL:

480V, 3 PH, 60Hz

ELECTRIC MOTOR:

20 H.P., 1725 R.P.M.

HYDRAULIC PUMP:

29 G.P.M.

RESERVOIR CAPACITY:

70 U.S. Gallons

RAM TONNAGE:

Available in 10 tons or 15 tons

RAM STROKE:

4" Standard, 6" inches as an option

CYCLE TIME :

Variable; depending on ram stroke

NOISE LEVEL:

85 dBA at operator station

CAPACITY:

2" O.D.

Dimensions: 50" wide by 90" long by 75" high.

SHIPPING WEIGHT: Approx. 5,000 Lbs.



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