



S1133 Crimp Machine

Designers and Manufacturers of Machines • Tools • Fixtures • Test Equipment

Ideal for Crimping

- A/C Lines
 - Brake Lines
 - Fuel Lines
 - Hydraulic Lines
 - Transmission Lines
 - Power Steering Lines
-
- Open Throat Design for Easy Loading
 - Up To 25 Tons Cylinder Force
 - Eight Jaw Design
 - Compact and Portable
 - Crimp Diameter Adjusts by .001-inch Increments
 - Heavy Duty Construction for Dependable Service



The powerful Lomar S1133 high production crimp machine adapts especially well to crimping operations that require attaching bent or long tubes to hose.

The “open throat” design allows you to “top load” an assembly, rather than load it through the front of a conventional radial crimp ring.

This arrangement facilitates quick part loading and removal, especially those with bent or long straight tubes.

The radial design of the 8-jaw crimping head assures a superior crimped fitting due to the uniform jaw convergence at the same rate of travel. Crimp cycle time is approximately four seconds.

The hydraulic unit is integrated to the machine. This compact design saves space allowing it to fit very well within a production cell. Standard heavy duty locking casters makes moving the S1133 machine quicker when rearranging a work cell.

Crimp diameter adjustments are entered through a knobpot located on the control panel. A hydraulic regeneration system also controls the crimp head speed for minimum cycle time while still maintaining consistent crimp diameter.

Full guarding of the crimping head allows the use of a foot switch to operate the machine. The operator has both hands free to locate the assembly being crimped. Dual opto-touch cycle start buttons are optional.

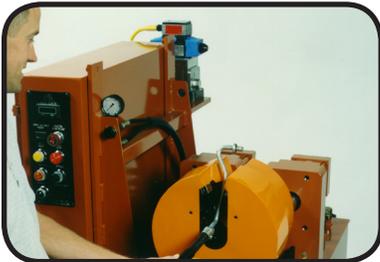


Features



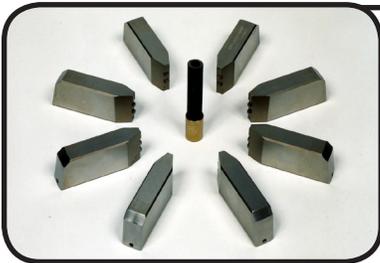
Crimp Samples

- A sample of the wide variety of hose assembly configurations you can crimp with a die-set type crimping system.
- Crimp diameter adjustments are entered through a knobpot located on the control panel. The closed loop system is accomplished using a linear transducer.
- The open throat crimp cage provides the ability to crimp various hose and tubes with ease. The assembly is inserted and removed through the top of the cage so that minimal straight length is required in the actual crimping area.



Open Throat Crimp Cage

Tooling



Crimp Jaws

- Hardened and ground crimp jaws are made to your crimp profile specifications. A complete matched set consists of 8 jaws.

Options

- Time saving locator kit to position hose or tube assemblies for crimping.
- Light curtains and/or dual cycle start buttons.
- Auto mandrel extractor to help increase throughput of assemblies that require mandrels to prevent tube collapse.
- Opposing head design to crimp both hose ends in one cycle.
- CE & CSA Compliance available.

Specifications

DIMENSIONS:

41" L (1041mm) x 34" W (864mm)
x 58" H (1473mm)

TOP LOAD OPENING:

1.17" W (29.7mm)

SHIPPING WEIGHT: 2,000 Lbs

ELECTRICAL REQUIREMENTS:

230-460V 3 PH, 60Hz (Other requirements available. Contact Lomar.)

ELECTRIC MOTOR: 10 HP

HYDRAULIC PUMP: 15 GPM

RESERVOIR CAPACITY:

50 U.S. Gallons

CYLINDER TONNAGE: 12.5 tons @

1,000 PSI; 18.8 tons @ 1,500 PSI

MACHINE CYCLE TIME:

Approximately 4 seconds



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Lomar Machine & Tool Company is an established designer and builder of machines, tools, gages and test equipment. We offer several lines of standard equipment – along with capabilities to supply customized, application-specific machines and systems.