



S1112 Crimp Machine

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

- Open Throat
- Six or Eight Jaw Design
- Compact, Saves Space
- Radial Crimping Head
- Reversible Crimp Jaws
- Heavy Duty Construction



The Lomar S1112 Open Throat Crimp Machine is a versatile machine that is especially adaptable to crimping operations that require the attachment of a bent tube to a hose.

The open throat allows for top loading of assemblies to be crimped providing quick loading and removal of crimped assemblies.

With the hydraulic unit directly under the machine, very little floor space is required making the S1112 very adaptable to cell concepts.

The radial design of the S1112 crimping head assures a superior crimped fitting due to the uniform convergence of all jaws at the same rate of travel.

The crimp diameter is controlled by a pressure switch in the hydraulic circuit for those applications where it is desired to crimp to pressure. An optional electrical limit switch is also available. Either way a consistent crimp diameter is easily maintained.

Full guarding of the crimping head allows the use of a foot switch to operate the machine. This gives the operator both hands free to locate the assembly being crimped.

Reversible crimp jaws provide the added versatility of locating the assembly to be crimped on the front or back or the jaw cage, making machine set up optional for front or back loading. Heavy duty construction with industrial components and the use of hardened tool steel on wear and part contact areas assures trouble free operation with very little maintenance.

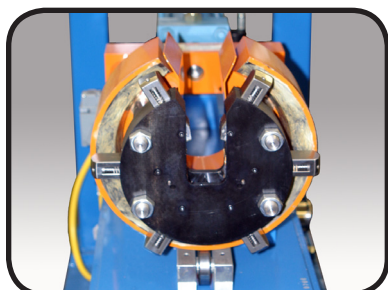


Features



Open Throat Crimp Cage

- The open throat design of the crimp cage allows complex hose/tube assemblies to be crimped with ease. The assembly is inserted and removed through the open throat in the top of the crimp cage so that minimal straight length is required in the actual area to be crimped.



Crimp Cage

- The precision made crimp cage and jaws allow fittings to be consistently crimped to specified tolerances and are made from hardened tool steel to assure long life and trouble free operation.



Operator Control Panel

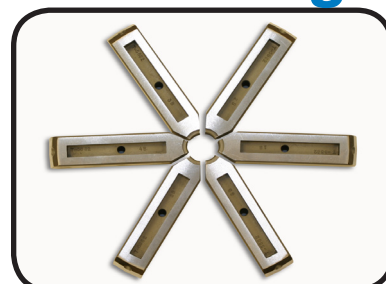


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Options

- Locator kit to position hose/tube assemblies for crimping.
- A caster wheel base to make the unit mobile.
- A micrometer adjustable stop to set crimp diameter.
- Auto mandrel extract.

Tooling



Replacement Crimp Jaws

- Replacement crimp jaws are available or can be made to customer's specifications. A complete, matched set of jaws consists of six or eight jaws.

Specifications

DIMENSIONS:

24"W x 52"L x 82"H

SHIPPING WEIGHT:

1,400 Lbs.

ELECTRICAL REQUIREMENTS:

240-480V, 3 PH, 60Hz

ELECTRIC MOTOR:

5 H.P.

HYDRAULIC PUMP:

6 G.P.M.

RESERVOIR CAPACITY:

20 U.S. Gallons

RAM TONNAGE:

6-1/4 tons

MACHINE CYCLE TIME:

3 Sec.

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.