

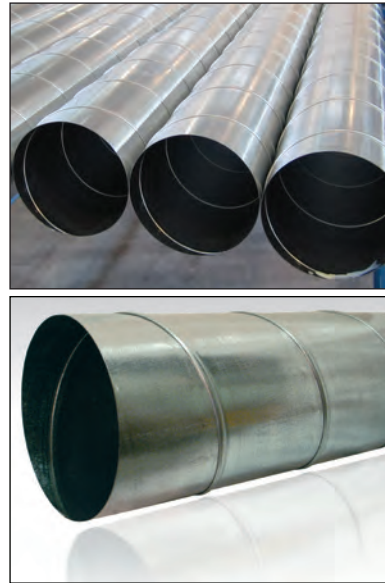
D-MAX TUBEFORMERS SERIES: 1.2E, 1.6HS & 2.0E

The D-Max Series machines are all revolutionary Automatic Spiral Tubeformers that combine the most advanced technology with one of the smallest footprints in the industry! Unlike other compact models, the D-Max 1.2E / 1.6 HS / 2.0E will not sacrifice speed, power or technology.

The D-Max Series machines offer (3) versions:

- **1.2E:** Our Most Popular model. Produces spiral pipe up to 18 gauge (1.25 mm) thickness with a maximum speed of 235 ft./min. (71 m/min).
- **1.6HS:** High Speed model. Produces spiral pipe up to 16 gauge (1.6 mm) thickness with a maximum speed of 344 ft./min. (105 m/min).
- **2.0E:** The Heavy Duty workhorse. Produces spiral pipe up to 14 gauge (2.0 mm) thickness with maximum speed of 276 ft./min. (84 m/min).

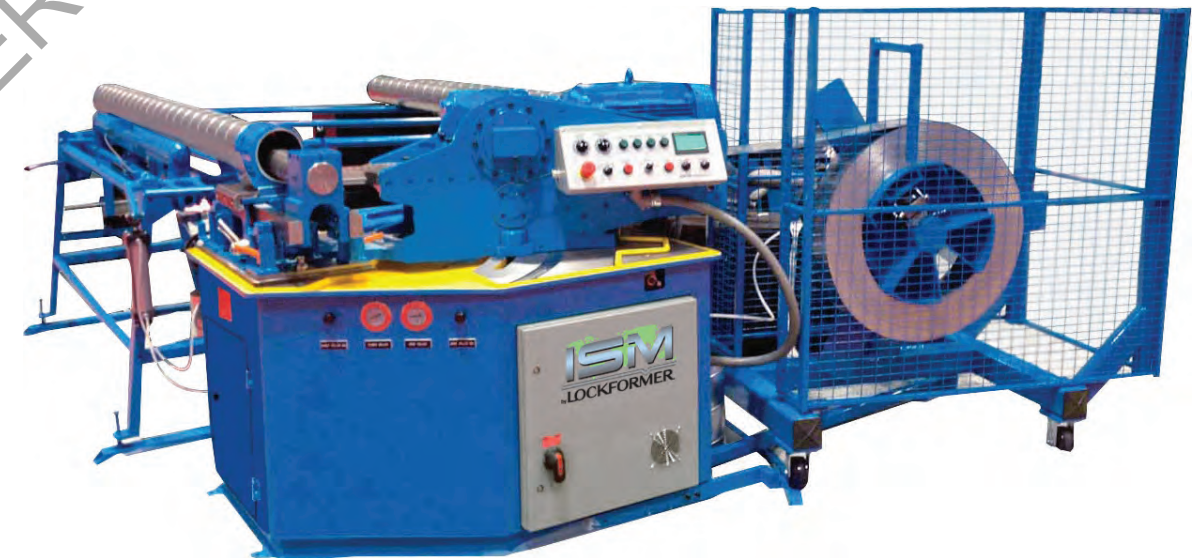
All of the D-Max series machines are the most affordable machines in their class. Their unsurpassed features and reliability make them the best value in the industry!



FEATURES OF ALL MODEL D-MAX MACHINES INCLUDE THE FOLLOWING:

- One of the Smallest Footprints in the Industry!
- Only Compact Unit in the Industry that is Fully Automatic!
- Self Diagnostics, Digital Length Control, and Spiral Smart Technology™ ALL Standard!
- Flying Cutting System!
- Ergonomically Friendly to the Operator!
- 10' standard run-off table
- Made in the U.S.A!

Model Details



MODEL	CAPACITY	DIAMETER RANGE	SPEED	LENGTH	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
D-MAX 1.2E	28-18 gauge mild steel	3" - 64"	241 FPM	N/A	230V or 460V Special voltages available	Length - 72" Width - 68" Height - 62" Weight -3,000 lbs.
D-MAX 1.6HS	28-16 gauge	3" - 100"	344 FPM	N/A	460V/3 Ph/60 Hz Special voltages available	Length - 72" Width - 78" Height - 62" Weight -3,200 lbs.
D-MAX 2.0E	28-14 gauge	3" - 100"	287 FPM	N/A	460V/3 Ph/60 Hz Special voltages available	Length - 72" Width - 78" Height - 62" Weight -3,200 lbs.

GORE-MAX 1.5 PLUS

ISM's Gore-Max 1.5 Plus is your quality, efficient and cost-effective solution to the production of elbows, reducers, end caps and off-sets. ISM's operator friendly Gore-Max 1.5 Plus provides the power to fabricate quality standing seam fittings in-house.

On a single machine platform, the Gore-Max 1.5 Plus offers the ability to flange/swage on one end, while simultaneously closing the seam at the other end. The Gore-Max 1.5 Plus allows operators to modify controls when flanging/swaging, providing complete control of production speeds. After closing on the second station and creating a standing seam, the Gore-Max 1.5 Plus delivers an airtight seal, eliminating the need for sealing or painting.

Using minimal power and floor space, the Gore-Max 1.5 Plus handles a variety of materials and thicknesses - up to 16 gauge (1.5mm) - to produce standing rib diameters from 4" to 60"(100-1500mm). Added features of pneumatic-activated support rollers and a stronger closing station make the Gore-Max Plus 1.5 safer and easier for the operator to remove parts.

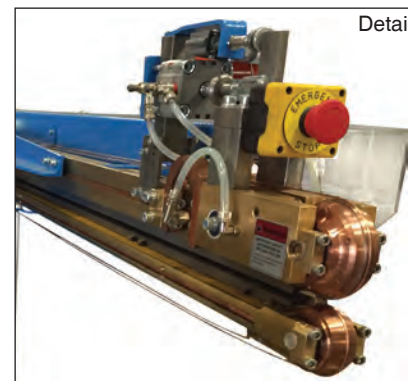
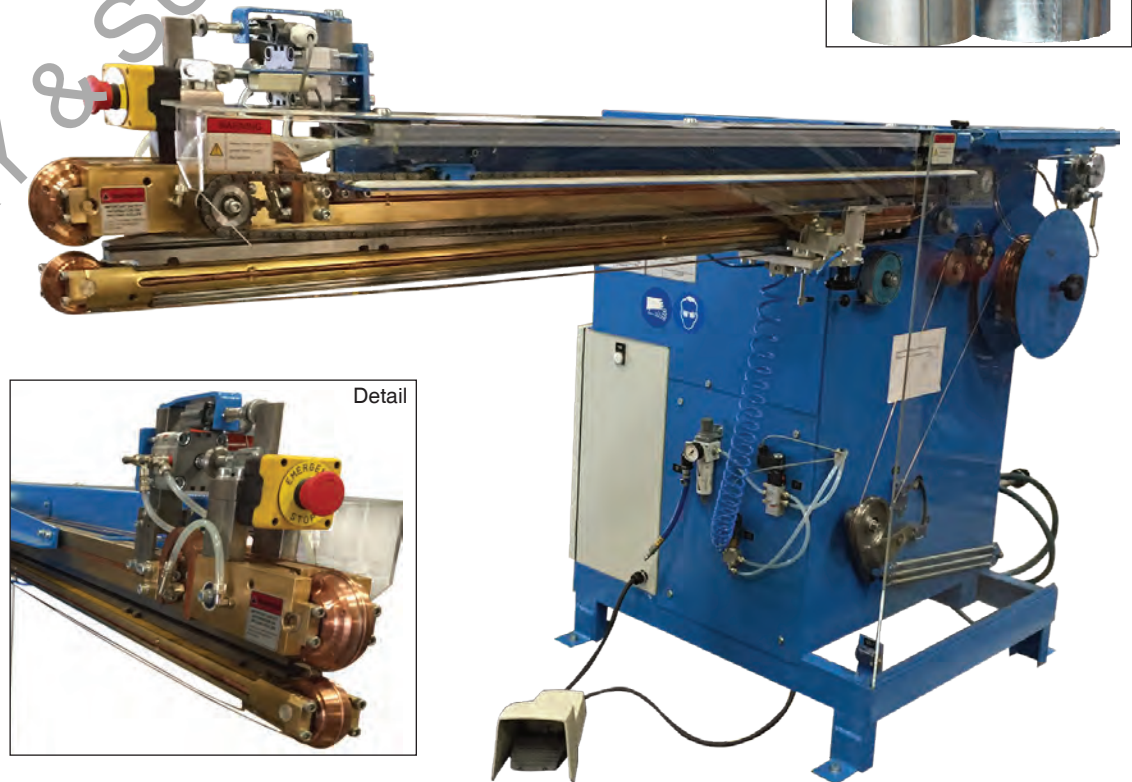
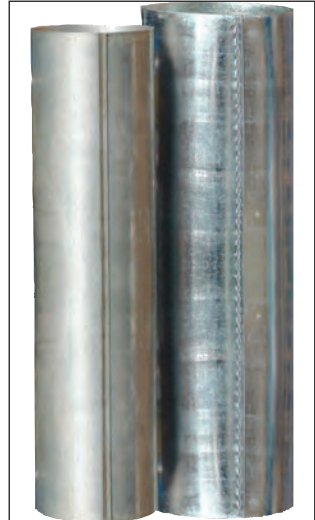


MAX-STITCH 1.0

The Max-Stitch 1.0 Stitchwelder maximizes your welding production output and quality by providing a controlled and consistent longitudinal weld from end to end, ensuring a remarkable weld every time.

The Max-Stitch allows the operator to choose from a continuous or stitch weld that provides an excellent solution for welding of both galvanized and stainless steel straight tubes and round fittings.

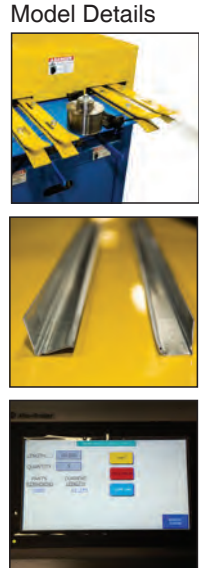
An air-actuated welding pressure system is included for faster welds and easier change-overs. The Max-Stitch 1.0 now includes an operator-friendly control panel that has a memory feature for ease of production.



MODEL	CAPACITY	DIAMETER RANGE	SPEED	LENGTH	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
GORE-MAX 1.5 PLUS	16 gauge	4" - 60"	N/A	N/A	460V/3 Ph/60 Hz	Length - 106" Width - 32" Height - 44" Weight - 2,310 lbs.
MAX-STITCH 1.0	20 gauge	3" - 40"	N/A	2.5" - 50"	460V/3 Ph/60 Hz CHILLER: 220V/ 1 Ph/ 60 Hz	Length - 110" Width - 49" Height - 70" Weight - 1,695 lbs.

ANGLE-MAX 1.6

The Angle-Max 1.6 machine is used to produce angle stock for flat oval and round flanges. Producing 90° angles from coil stock, the Angle Max also automatically cuts to a desired length, and features complete PLC controls and touch screen for easy operation. The Angle-Max produces parts that are a perfect fit to be used with the Max-Flange 2.7 flanging machine. Optional TDC® and other special flanges.



For more information on Angle-Max 1.6



Optionals include TDC® and other special flanges as well as pilot hole punching.



MAX-FLANGE 2.7

The diverse Max-Flange 2.7 flanging machine produces either straight angle or flared angle round and oval flanges for a variety of uses. The Max Flange 2.7 is filled with operator friendly features such as a touch screen PLC control and the ability to save and recall round and oval parameters for fast and easy production of duplicate parts.

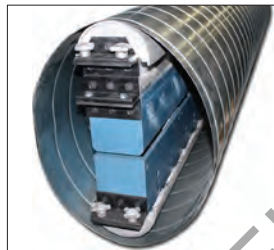
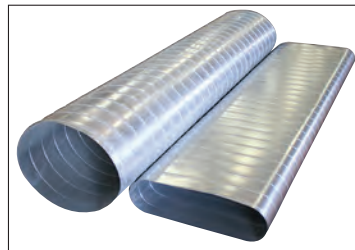


For more information on Max-Flange 2.7

MODEL	CAPACITY	DIAMETER RANGE	SPEED	LENGTH	MOTOR/VOLTAGE	AIR CONSUMPTION	DIMENSIONS/WEIGHT
ANGLE-MAX 1.6	Up to 16 gauge	N/A	N/A	20" - 200"	7.5 HP 460V/3 Ph/60 Hz	5 CFM @100PSI	Length - 99" Width - 42" Height - 47"
MAX-FLANGE 2.7	Up to 12 gauge	8" - 100" for standard 90° flange	N/A	N/A	13 HP (2 motors) 460V/3 Ph/60 Hz	1 CFM @100PSI	Length - 74" Width - 40" Height - 81"

OVAL-MAX

For all of your oval requests, ISM by Lockformer introduces the Oval-Max. The Oval-Max offers a full touch screen PLC combined with independent cylinders that stretch material at different pressures along the longitudinal surface of the pipe. This 18-gauge machine features a 10' boom which can produce up to 20' lengths as well as tooling from a Minor axis of 6" to an impressive Major axis of 96".



Model Details

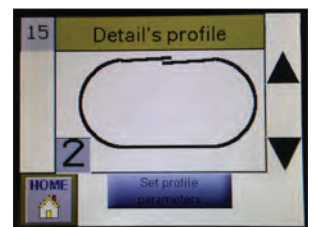
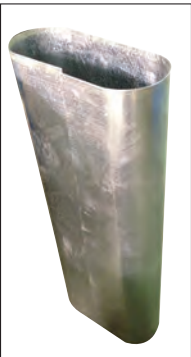


OVAL-MAX ROLLER 3

The Oval-Max Roller 3 is used to produce round and oval fittings on material up to 20 gauge and up to 40" wide. This machine's control panel allows for easy operator entry of part parameters.



Model Details



MODEL

OVAL-MAX

CAPACITY

Up to 18 gauge

DIAMETER RANGE

Minor Axis 6"-36"

SPEED

N/A

LENGTH

up to 20'

MOTOR/VOLTAGE

15 HP
460V/3 Ph/60 Hz

DIMENSIONS/WEIGHT

Length - 215"
Width - 48"
Height - 58"

OVAL-MAX ROLLER 3

Up to 20 gauge

Min. is 3.75"

N/A

N/A

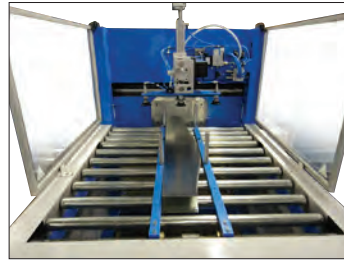
460V/3 Ph/60 Hz

Length - 97"
Width - 47"
Height - 72"
Weight - 1,700 lbs.

ROLLER-MAX 800

The Roller Max 800 is an automatic rollformer designed to support high-speed production of round metal parts. The Roller Max 800 produces parts with diameters ranging from 3"-40" and up to 20 gauge material, allowing for rapid changeover from one thickness to another.

Model Details



MAX-CLOSE 25.15

The Max-Close 25.15 Seam Closer is designed to produce a recumbent fold in the production of air ducts. The Max-Close features a quick change-over from inside to outside seams. This functional machine works with material up to 20 gauge, has a shaft length of 60" (1520 mm) with a maximum length up to 120" (3040 mm) and minimum diameter of 3.5" (90 mm)

Model Details



MODEL	CAPACITY	DIAMETER RANGE	SPEED	LENGTH	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
ROLLER MAX 800	28-20 gauge	3.15"- 40"	1200 P/Hr	32" Max. Blank Width	460V/60 cycle, 3 phase	Length - 75" Width - 60" Height - 75" Weight - 1,660 lbs.
MAX-CLOSE 25.15	Up to 20 gauge	Min. 3.6"	N/A	120" Max Tube Length	460V/60 cycle, 3 phase	Length - 104" Width - 32" Height - 67" Weight - 1,200 lbs.

ROTO-MAX 125 & 175

The Roto-Max Line is a new generation edge forming machine for mass production of chimney and round fittings. The Roto-Max 175 is unique to other rotary machines with its "Smart Swage" microprocessor that memorizes the parameters and then automatically reproduces that exact same piece until changed by the operator.

The Roto-Max 175 can run up to a maximum material thickness of 1.75mm (16 gauge).

We also offer the Roto-Max 125, which is a manual machine that runs a maximum material thickness of 1.25mm (20 gauge)

Count on ISM Machinery's Roto-Max for all of your fitting needs.

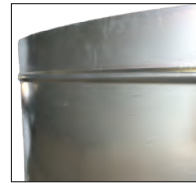


Roto-Max
125



Roto-Max
175

Model Details



CLINCHING MACHINE - 15" & 30"

These Clinching Machines use a Button Lock process to join two or more materials together. This fastening system eliminates the need for spot welding, rivets or screws.

The unique features of these Clinching Machines include:

- **Mechanical Clinching Press:** Faster, more reliable with a more consistent lock.
- **Solid-state Frame and Horn:** Provides less deflection and longer tooling life.
- **Single or Continuous Mode:** Operates over 280 SPM - fastest in industry.
- **Made in the USA!**

**Custom Frame and Horns are available!*



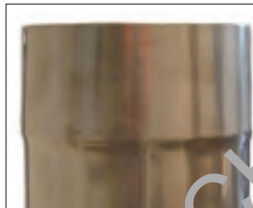
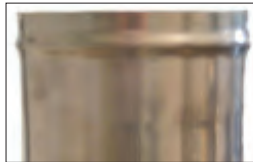
MODEL	CAPACITY	DIAMETER RANGE	SPEED	LENGTH	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
ROTO-MAX 175	Up to 16 gauge	N/A	0-92 FPM	N/A	230V/1 Ph/ 60 Hz	Length - 33" Width - 35" Height - 57" Weight - 325 lbs.
ROTO-MAX 125	Up to 18 gauge	N/A	0-92 FPM	N/A	208V/1 Ph/ 60 Hz	Length - 27" Width - 29" Height - 55" Weight - 175 lbs.
CLINCHING 15"	34-12 gauge	.020" - .20"	295 SPM	N/A	110V/1 Ph/ 60 Hz	Length - 48" Width - 40" Height - 80" Weight - 1,325 lbs.
CLINCHING 30"	34-12 gauge	.020" - .20"	295 SPM	N/A	110V/1 Ph/ 60 Hz	Length - 60" Width - 38" Height - 80" Weight - 1,800 lbs.

MAX-EXPAND

The Max-Expand Machine is used for widening pipes of V2A and V4A Stainless Steel for chimney, drain and ventilation pipes. This machine has an adjustable sensor-controlled expansion stroke and is ergonomically designed for adjustability and operator comfort.



Model Details

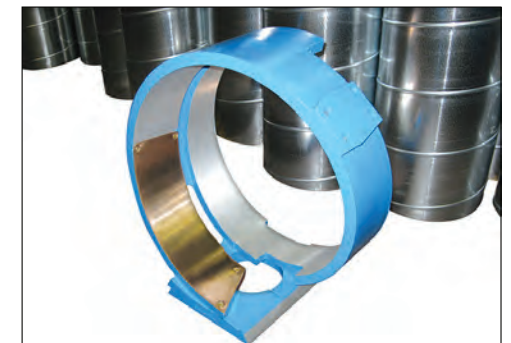


Custom Dimensions Available

FORMING HEADS

ISM's Forming Heads are made of aluminum and use brass inlays to give you long lasting quality forming heads. Our forming heads are compatible with other spiral machines in the industry.

In addition to Forming Heads, ISM offers a wide-range of replacement parts for most machine manufacturers.



MODEL	CAPACITY	DIAMETER RANGE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
MAX-EXPAND	30 - 14 gauge	4" - 10" STD and 12" - 48" Option	N/A	N/A	460V/3 Ph/ 60 Hz	Length - 52" Width - 36" Height - 52" Weight - 665 lbs.
FORMING HEADS	28 - 14 gauge	3" - 100"	N/A	N/A	N/A	Varies by Size