

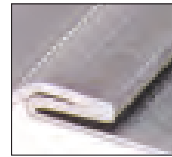
## PITTSBURGH LOCK MODEL 24

The 24 gauge Pittsburgh rollforming machine has 5 forming stations and 1 inboard forming position. The forming chassis is constructed of 1/2" steel plate. This machine is compact and lightweight and can easily be taken to the job site!

An optional Auto-Guide Power Flanger attachment is available for the 24 gauge Pittsburgh machine. The flanging attachment follows any edge straight or irregular while forming a 7/32 (outside) flange height. Just turn up a starting flange in the table slot, feed materials into the rolls and let go. Handles radii down to 3.25" or 1.375" manually at speeds of 16 - 18 fpm.



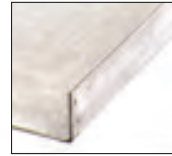
Model Details



Pittsburgh Lock Profile



Optional auto-guide power flanging attachment



The auto-guide power flanging attachment will create this right-angled flange

## PITTSBURGH LOCK MODEL 20 AND MODEL 20 SUPER SPEED

The Pittsburgh Lock revolutionized the HVAC Industry in the late 1940's and is still used today for its strength and ease in assembling ductwork.

The Super Speed 20 and Model 20 Pittsburgh rollforming machines have 5 forming stations with 2 forming positions. One inboard forming position forms the Pittsburgh lock and one auxiliary or outboard forming position has the capability of forming 1 of 3 different profiles. Forming speeds are listed in the chart below.



## PITTSBURGH LOCK MODELS 14-16-18

The Pittsburgh lock revolutionized the HVAC industry in the late 1940's and is still used today for its strength and ease in assembling ductwork.

The 14, 16, and 18 gauge Pittsburgh rollforming machines have 7 forming stations with 2 forming positions. One inboard position forms the Pittsburgh lock; and one auxiliary or outboard position has the capability of forming 1 of 8 different profiles depending on which auxiliary roll set is ordered. See chart pgs. 84 & 85. The forming speeds for the individual machines are listed in the chart below.

Standard with Lockformer® quality construction, these machines have industrial motors; high precision needle-type bearings; heavy 3/4" chassis plate; case-hardened and ground roll shafts; and arc-welded steel stands protected with Lockformer®'s top-quality primer and paint finish.

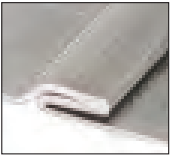
Pittsburgh Lock Models 14-16-18 Profile



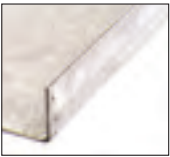
Model Details



Fast Seam Rollset



Pittsburgh Seam Profile



The auto-guide power flanger will create this right-angled flange See pg. 12



MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
PITTSBURGH LOCK MODEL 24	24-28 gauge	5/16" Uses approximately 1" of material	Width of hammer-over edge adjustable up to 3/8"	30-35 feet per minute	1/3H.P., 115/230 volts, 60 cycle, single phase, A.C. 1,800 RPM. Other motors available upon request	Length - 30" Width - 13.5" Height - 20" Weight - 175 lbs.
PITTSBURGH LOCK MODEL 20	20-26 gauge	5/16" Uses approximately 1" of material	Width of hammer-over edge adjustable up to 3/8". Extended shafts for mounting auxiliary rolls.	25 feet per minute	3/4 H.P., 115/230 volts, 60 cycle, single phase, A.C. 1,800 RPM. Other motors available upon request	Length - 36" Width - 16.5" Height - 41" Passline - 32" Weight - 450 lbs.
PITTSBURGH LOCK MODEL 20 SUPER SPEED	20-26 gauge	5/16" Uses approximately 1" of material	Width of hammer-over edge adjustable up to 3/8". Extended shafts for mounting auxiliary rolls.	75 feet per minute	2 H.P. 230/460 volts, 60 cycle, 3 phase, A.C. 1,800 RPM. Other 3 phase models available	Length - 48" Width - 24" Height - 42" Passline - 34" Weight - 450 lbs.
PITTSBURGH LOCK MODEL 14	14-16 gauge	1/2" Uses approximately 1-3/8" of material	Width of hammer-over edge adjustable up to 3/8". Extended shafts for mounting auxiliary rolls.	35 feet per minute	5 H.P., 230/460 volts, 60 cycle, 3 phase, A.C. 1,800 RPM. Other motors available upon request	Length - 58.5" Width - 24" Height - 41" Passline - 34" Weight - 750 lbs.
PITTSBURGH LOCK MODEL 16	16-20 gauge	1/2" Uses approximately 1-3/8" of material	Width of hammer-over edge adjustable up to 3/8". Extended shafts for mounting auxiliary rolls.	40 - 45 feet per minute	3 H.P., 230/460 volts, 60 cycle, 3phase, A.C. 3,600 RPM. Other motors available upon request	Length - 58.5" Width - 24" Height - 41" Passline - 34" Weight - 750 lbs.
PITTSBURGH LOCK MODEL 18	18-22 gauge	3/8" Uses approximately 1-1/8" of material	Width of hammer-over edge adjustable up to 3/8". Extended shafts for mounting auxiliary rolls.	40 - 45 feet per minute	2 H.P., 230/460 volts, 60 cycle, 3 phase, A.C. 1,800 RPM. Other motors available upon request	Length - 58.5" Width - 24" Height - 41" Passline - 34" Weight - 750 lbs.

## BUTTON PUNCH SNAP-LOCK

The Button Punch Snap Lock Machine forms a two piece seam that greatly simplifies ductwork assembly. The male seam is a button, the female seam is a lock and the two snap together for a flush corner. These machines can form 20 to 26 gauge sheet metal into female locks on the inboard and button punched right angle flanges on outboard rolls at speeds of 60-65 fpm and are available in seven and nine forming station machines. Not only do these locks assemble twice as fast as traditional methods but, because the two pieces nest, they are easier to transport too.

Standard with Lockformer® quality construction, these machines have industrial motors; high precision needle-type bearings; heavy 3/4" chassis plate; case-hardened and ground roll shafts; and arc-welded steel stands protected with Lockformer®'s top-quality primer and paint finish. Alternate fittings are easily accessible from a main transmission bearing lubrication panel.

Button Punch Snap Lock Profile



Model Details



Outboard roll profile



Inboard roll profile

## TRIPLEX CLEATFORMER

"S" cleats and more – A flexible Lockformer®, designed for super high productivity of inboard cleats. The triplex design has two inboard and two outboard forming positions allowing bearing support on both sides of the profile. The top plate and roll assembly are split into three zones with each having special design details like knurled rolls and angled guides to keep material moving through the machine in a straight line. These zones also can be adjusted by the operator to meet the requirements of a wide variety of gauges.

With 9 forming stations, the Triplex Cleatformer can form multiple gauge sheet metal into "S" and drive cleats on the inboard forming positions and up to 12 auxiliary offset profiles on the outboard forming positions at speeds averaging 100 fpm.

Standard with Lockformer® quality construction, this machine has a 5 H.P. industrial motor; high precision needle-type bearings; heavy 3/4" chassis plate; case-hardened and ground roll shafts; and an arc-welded steel stand protected with Lockformer®'s top-quality primer and paint finish.

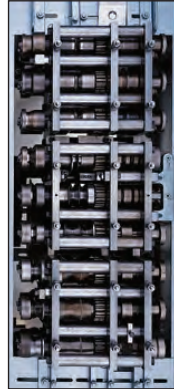
Model Details



"S" Cleat inboard profile



Drive cleat roll profile



Form roll configuration

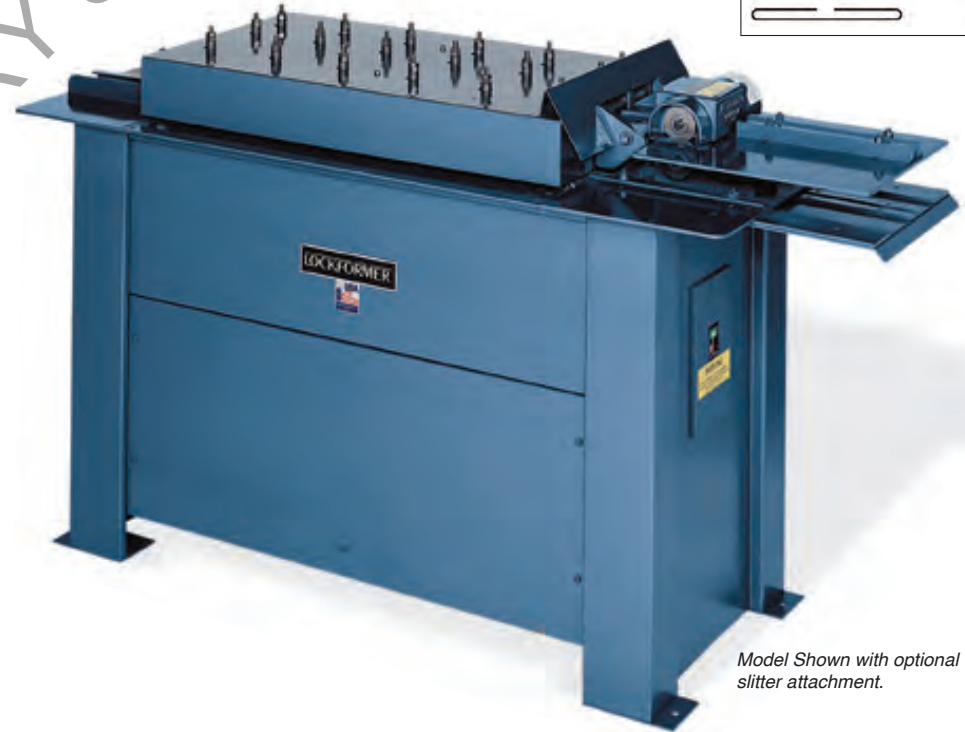


"S" and drive cleat scrap cutter attachment



Plate housing

Triplex Cleatformer Profile



Model Shown with optional slitter attachment.

MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
20 GAUGE BUTTON PUNCH SNAPLOCK	20-26 gauge	Uses approximately 1-3/4" material		60 - 65 feet per minute	3 H.P. 230/460 volts, 60 cycle, 3phase, A.C. 3,600 RPM. Other motors available upon request.	Length - 58.5" Width - 24" Height - 41" Passline - 34" Weight - 125 lbs.
TRIPLEX CLEATFORMER	22-28 gauge for "S" cleat profile and 20-26 gauge for drive cleat profile	"S" cleat width 1-1/16" Drive cleat width 1-1/8"	Extended shafts for mounting auxiliary rolls.	100 feet per minute	5 H.P. 230/460 volts, 60 cycle, 3phase, A.C. 1,800 RPM.	Length - 60" Width - 24" Height - 40" Passline - 32-1/2" Weight - 850 lbs.

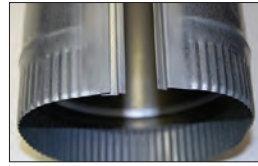
## ROUND & OVAL PIPE MACHINE

Available in either 7-station or 9-station (for pre-curl) machines which fabricate both male and female forms for Reeves-type snap lock. Each lock is formed on flat sheets with no restrictions on the diameter of the finished pipe.

Round/Oval Pipe Machine Forms



Model Details



## DRIVE TURN HEMMING

The Lockformer® Skip Dent Indexing Roll is the heart of the system. The indexer is the first roll and has four pins and two milled ridges. The control lever determines whether the blank is hemmed after the first or second notch. With the lever in position 1, as the blank engages the indexing roll, a pin drops into the first notch. A ridge adjacent to the pin pre-bends the material at its corner just enough to force the material into the hem forming rolls where the 180 degree hem is formed. The next pin, on the rotating index roll, drops into the second notch and since there is no ridge present, the corner of the blank is not turned down and misses the hemming rolls and this section remains unformed.



Model Details



Indexing roll



Control lever



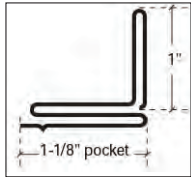
Rollset

MODEL	CAPACITY	DEPTH OF POCKET/ SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
ROUND/OVAL PIPE MACHINE 7 STATION	24-30 gauge	Uses approximately 1-9/16" material for both sides	V-belt	35 feet	2 H.P., 230/460 volts, 60 cycle, 3 phase, 3,600 RPM. Manual switch. Other motors available.	Length - 48" Width - 24" Height - 41" Passline - 34" Weight - 750 lbs.
ROUND/OVAL PIPE MACHINE 9 STATION	Pre-curl 24-30 gauge	Uses approximately 1-9/16" material for both sides	V-belt	35 feet	2 H.P., 230/460 volts, 60 cycle, 3 phase, 3,600 RPM. Manual switch. Other motors available.	Length - 48" Width - 24" Height - 41" Passline - 34" Weight - 750 lbs.
DRIVE TURN HEMMING	22-26 gauge	Uses approximately 1/2" Hem material	N/A	60 feet per minute	3 H.P. 230/460 volts, 60 cycle, 3phase, A.C. 3,600 RPM	Length - 60" Width - 30" Height - 48" Passline - 34" Weight - 800 lbs.

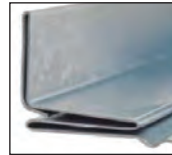
## STANDING "S" CLEAT [10 STATION]

In just one pass, form a shape that combines a conventional "S" cleat with a standing seam for greater strength and rigidity. This seam is adaptable in fabrication of large trunk or branch lines in industrial and commercial heating and ventilating ducts. Included are double-extended auxiliary shafts for a variety of choices for optional rollform tooling. The design integrity and quality construction of its 10-station configuration will provide years of trouble-free service.

Standing "S" Cleat Profile



Model Details



"S" Cleat profile



Detail of rollformer

## DS CONNECTOR [14 STATION]

This Lockformer® 14-Station Connector Machine is for the contractor who has need for only one duct connector profile inboard but wants the flexibility of two outboard auxiliary forming stations. It has the same rigid double plate construction as the popular Lockformer® Standing "S" Cleat Machine yet offers more forming stations, more combinations of standard rolls and more versatility.

Model Details



## SUPER 11 CLEATFORMER [11 STATION]

When the job calls for heavy-duty "giants," this machine tool is it. For a multitude of HVAC rollforming shapes and profiles, look no further than the Super 11 Cleatformer. Pittsburgh Lock, Acme/Double Seam, Combination 3-1, Hemming, Boot Clip and reinforced "S" and drive cleats are just some of the many rollset tooling options you can add to this Super machine.

Every 11-station Cleatformer incorporates Lockformer®'s precision built head-plates, offers extended shafts on both sides of the machine and can accommodate many other sheet-edge operations including the 20 gauge Pittsburgh Lock and the Button Punch Snap Lock.

Famous Lockformer® quality construction with an industrial motor and gear box; high precision bearings; heavy duty three zone chassis; plate head construction; hardened and ground roll shafts all protected with a cabinet finished with Lockformer®'s top-quality primer and paint finish.

Model Details



"S" Cleat profile



MODEL	CAPACITY	DEPTH OF POCKET/ SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
STANDING "S" CLEAT	20-26 gauge	1-1/8" pocket. Uses approximately 6-1/4" material stretch out inboard	Extended shafts for mounting auxiliary rolls	60 - 70 feet per minute	5 H.P., 230/460 volts, 60 cycle, 3phase, A.C. 1,800 RPM	Length - 84" Width - 30" Height - 37" Passline - 33" Weight - 1,700 lbs.
DS CONNECTOR 14 STATION	Variable	Variable		70 feet per minute	7.5 H.P., 230/460 volts, 60 cycle, 3 phase, 1,800 RPM. across-the-line starter	Length - 115" Width - 32" Height - 48" Passline - 33" Weight - 2,150 lbs. without roll
SUPER 11 CLEATFORMER 11 STATION	22-26 gauge for "S" cleat operation	Standing "S" cleat height 1/2" Standing "S" cleat width 1-1/6"	V-belt	100 feet per minute	5 H.P., 230/460 volts, 60 cycle, 3 phase, 1,800 RPM. Manual switch with across-the-line starter	Length - 67" Width - 24" Height - 40" Passline - 32 - 1/2" Weight - 950 lbs.

## AUTO-GUIDE FLANGER MODEL 16

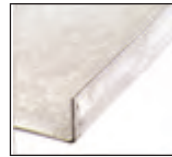
These ductwork prep machines automatically follow any edge – curved or straight.

Use the convenient table slot to turn up a “starting flange” and let it go! A calibrated dial can be set for radii as small as 3-1/4" (or 2" when auto-guide is deactivated). Automatically flange 16 to 26 gauge material at speeds of 18 fpm. A non-releasing type head is suitable for open-end fittings, straight and irregular curves.

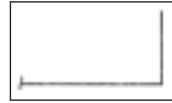
Standard with Lockformer® quality construction, this machine has an industrial electric motor, and an arc-welded steel stand protected with Lockformer®’s top-quality primer and paint finish.



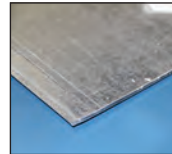
Model Details



Right-angle flange



Auto-guide flanger 16 profile



## AUTO-GUIDE POWER FLANGING ATTACHMENT

Auto-Guide will automatically follow any edge — straight, inner or outer radii — and no change over is necessary between Pittsburgh Lock and flanging operations.

Automatically handles radii down to 3-1/4". Lock out the automatic feature to run a radius down to 1-3/8". Two Auto-Guide Power Flanging Attachment models are available, one for Model 24 and one for Model 20.



Model Details



Optional auto-guide power flanging attachment



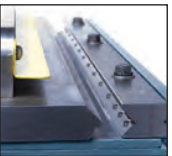
Auto-guide flanger 16-18 profile

## BUTTON PUNCH CHEEK BENDER

This machine provides any shop with a complete work center for fabricating fittings. One side of the dual purpose bending die bends and punches the cheeks for Button Punch Snap Lock 90-degree fittings. Flip the die over and you have a 20 gauge Power Cheek Bender for making right-angle flanges or Pittsburgh fittings. Self contained hydraulic system.



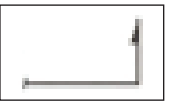
Model Details



## BUTTON PUNCH SNAP-LOCK FLANGER

Roll single-direction curves down to a minimum radius of 3-1/2" inside or a 5" outside radius, almost automatically. These punched right-angle flanged curves fit perfectly in the receiver formed on the Lockformer® 20 gauge or the 24 gauge Button Punch Snap Lock.

Model Details

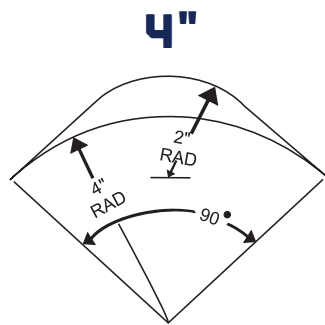
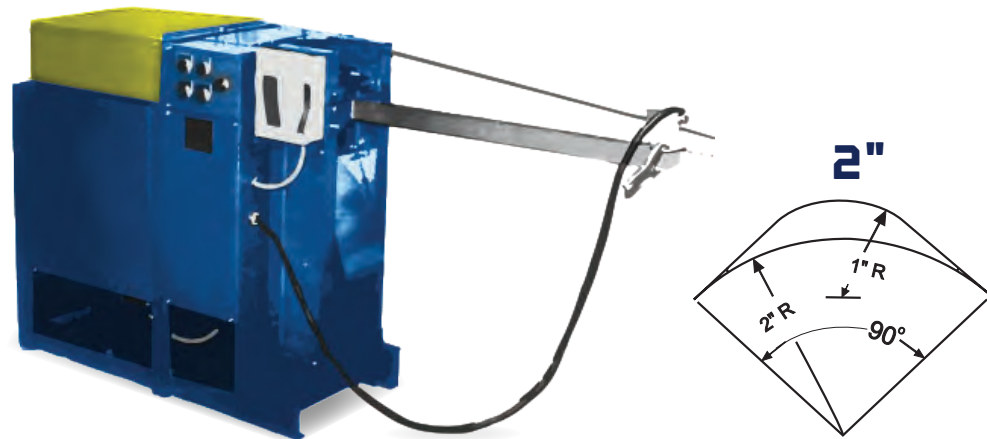


Snap-Lock profile

MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
AUTO GUIDE FLANGER MODEL 16	16 gauge maximum. Working range 16-24 gauge	Two flange heights available. Specify 3/8" or 1/4"	N/A	18 feet per minute	3/4 H.P. 115/230 volts, 60 cycle, single phase, A.C. 1,800 RPM	Length - 24" Width - 24" Passline - 34" Weight - 225 lbs.
AUTO GUIDE POWER FLANGING ATTACHMENT	20 gauge or lighter	Makes flanges approximately 7/32" outside height	N/A	16 - 18 feet per minute	N/A	Length - 14" Width - 10" Passline - 8.5" Weight - 32 lbs.
BUTTON PUNCH CHEEK BENDER	20 gauge or lighter	Variable	Self contained hydraulic system	N/A	3/4 H.P. 115/230 volts, 60 cycle, single phase, A.C. 1,800 RPM	Length - 24" Width - 28" Passline - 34" Weight - 200 lbs.
BUTTON PUNCH SNAP-LOCK FLANGER	20 gauge maximum Working range 20-28 gauge	7/16" flange	N/A	18 feet per minute	3/4 H.P. 115/230 volts, 60 cycle, single phase, A.C. 1,800 RPM	Length - 24" Width - 24" Passline - 34" Weight - 250 lbs.

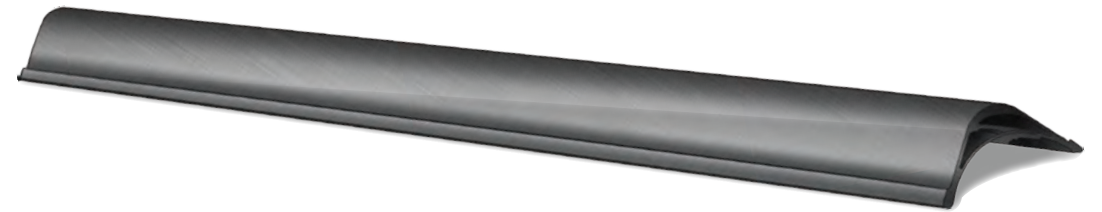
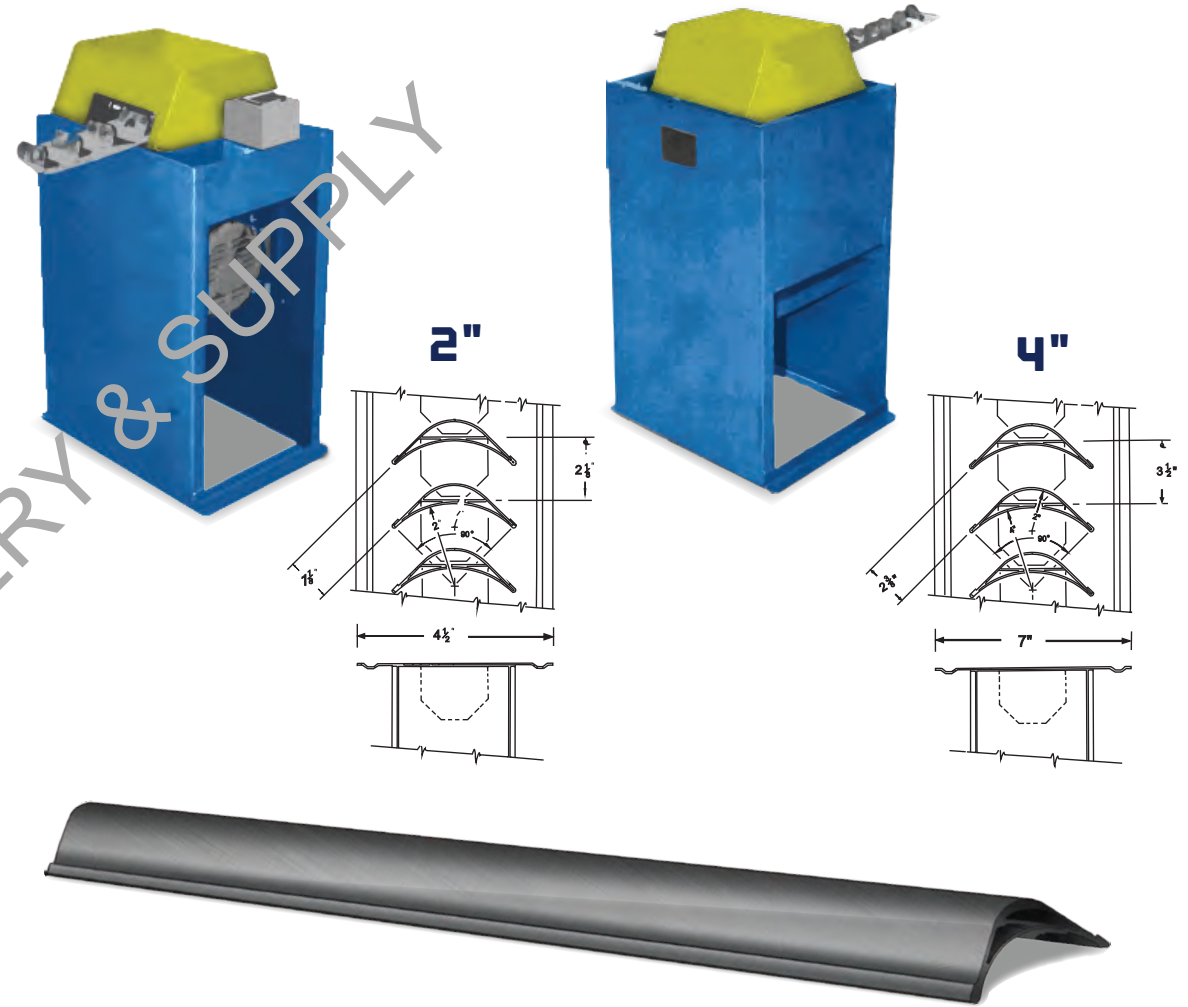
## VANEMAKER

Mestek Machinery is now the exclusive provider of the Harper-type Vanemake, previously offered by Harper Metal Products. These machines for roll forming double wall air turning vanes, now joined with the HVAC fabricating expertise of Lockformer. With the Vanemaker, produce 500 pieces of 12" long vane per hour or up to 400 pieces of 36" long vane per hour.



## PUSH-TYPE RAILMAKER

Mestek Machinery is now the exclusive provider of the Harper-type Railmaker, previously offered by Harper Metal Products. These machines for roll forming push-type side rails, now joined with the HVAC fabricating expertise of Lockformer.



MODEL	CAPACITY	PART LENGTH	OTHER	MOTOR/VOLTAGE	CRATE DIMENSIONS
2"VANEMAKER	26 gauge	48" maximum	N/A	Vane Motor 3ph / 208-230 V / 60HZ. / 20 amp. min. 1725 RPM Shear motors 3ph / 1 1/2 HP. / 208-230 V / 60HZ. / 1725 RPM	Length - 54" Width - 35" Height - 51" Weight - 850 lbs.
4"VANEMAKER	24 gauge	120" maximum	N/A	Vane Motor 5ph / 208-230 V / 60HZ. / 20 amp. min. / 1725 RPM Shear Motors 2 HP. / 208-230 V / 3ph / 60HZ. / 1725 RPM	Length - 76" Width - 42" Height - 54" Weight - 1,950 lbs.
2"PUSH-TYPE RAILMAKER	22-26 gauge	N/A	2 1/8" Vane Spacing	3 HP. / 1,140 RPM / 208-230-460 V / 3ph / 60HZ.	Length - 24" Width - 20" Height - 45" Weight - 300 lbs.
4"PUSH-TYPE RAILMAKER	22-26 gauge	N/A	3 1/2" Vane Spacing	3 HP. / 1,140 RPM / 208-230-460 V / 3ph / 60HZ.	Length - 28" Width - 20" Height - 45" Weight - 300 lbs.

## TDC® V

The TDC® V Rollformer has 12 forming stations and produces TDC® flanges at speeds of up to 50 feet per minute!

This is the only transverse duct connector machine on the market certified to comply with SMACNA Duct Construction Standard (DCS) T-25a based on actual laboratory tests across the full range of water gauges.

Famous Lockformer® quality construction with an industrial motor and gear box; high precision bearings; heavy duty two zone chassis; plate head construction; hardened and ground roll shafts all protected with a cabinet finished with Lockformer®'s top-quality primer and paint finish. Optional rolls are available for TDC® Clip or Pittsburgh lock production.

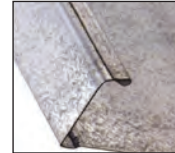
\*Ask about our TDC® Notching machine and Corner Cadet® to speed up your productivity even more.



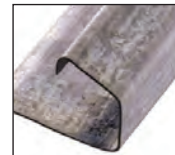
Model Details



Rollset



TDC flange profile



Optional clip flange profile



Scan this QR Code for more information on the TDC® V

TDC® Assembled Profile



## TDC® 14 STATION [2 PLATE]

Rollforming your own sealable flanges on transverse duct ends during the manufacturing process has never been easier. The TDC® flange, formed on the machine's left-hand auxiliary, has unique, snap-on corners that eliminate spot welding. Optional rolls are also available for Z-Bar and TDC® Clip.



## TDC® TRIPLEX 14 STATION [3 PLATE]



Model Details



TDC® flange profile

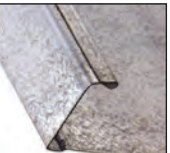


Optional clip flange profile

TDC® Assembled Profile



Model Details



TDC® flange profile



Optional clip flange profile



Optional clip flange profile

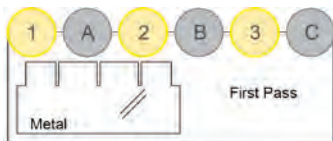
MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
TDC® V	18-24 gauge for TDC® 22 gauge for optional Clip Rolls	1-7/8" for TDC® 2-1/8" for Clip	Extended shafts for mounting auxiliary rolls	50 feet per minute	7.5 H.P. 230/460 volts, 60 cycle, 3phase, A.C. (22 amps @230V) 1,800 RPM	Length - 137" Width - 38" Height - 48" Passline - 33" Weight - 2,800 lbs.
TDC® V 16	16-22 gauge for TDC® 22 gauge for optional Clip Rolls	1-7/8" for TDC® 2-1/8" for Clip	Extended shafts for mounting auxiliary rolls	50 feet per minute	7.5 H.P. 230V/460 volts, 60 cycle, 3phase, A.C. (22 amps @230V) 1,800 RPM	Length - 137" Width - 38" Height - 48" Passline - 33" Weight - 2,800 lbs.
TDC® 14 STATION [TWO PLATE] [THREE POSITION] [ONE INBOARD]	18-24 gauge for TDC® 22 gauge for optional Clip Rolls	1-7/8" for TDC® 2-1/8" for Clip	Extended shafts for mounting auxiliary rolls.	50 feet per minute	10 H.P. 230V/460 volts, 60 cycle, 3phase, A.C. (28 amps @230V) 1,800 RPM	Length - 144" Width - 33" Height - 48" Passline - 33" Weight - 3,900 lbs.
TDC® TRIPLEX 14 STA- TION [THREE PLATE] [FOUR POSITION] [TWO INBOARD]	18-24 gauge for TDC® 22 gauge for optional Clip Rolls	1-7/8" for TDC® 2-1/8" for Clip	Extended shafts for mounting auxiliary rolls.	50 feet per minute	10 H.P. 28 amp @230V/460 volts, 60 cycle, 3phase, A.C. (28 amps @230V) 1,800 RPM	Length - 144" Width - 33" Height - 48" Passline - 33" Weight - 4,400 lbs.

## TDC® NOTCHER [3/5/6 HEAD MODELS]

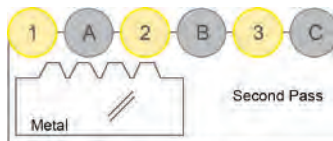
For fast and accurate gang notching of duct blanks.

TDC® NOTCHER comes standard with 5 notching heads.

The LOCKFORMER® TDC® NOTCHER will gang notch duct blanks as much as 6 times faster than notching by hand. The Hydraulic powered notch units have individual shutoff valves for positive control. Notch units are designed for fast and easy repositioning. A built in locking handle and a measuring scale makes notch location setup a simple task. Notch depth is also adjustable. The TDC® NOTCHER has a thickness capacity of 16 ga. / 1,6 mm in galvanized mild steel.



First pass uses combination heads TDC 1, 2, & 3



Second pass uses combination cleat heads drive A, B & C

The yellow circle represents the combination of heads being used

\*Patterns shown are for 6 head models



## SPEEDNOTCH MODEL 16 [3&5 HEAD MODELS]

Speednotch allows you to gang-notch sheet metal hydraulically up to 600% faster than by hand, without layout or scribing.

It's the perfect tool for preparing ductwork to receive bar, slip or "S" and other drive connections. So, its profitability is tremendous ... even on single piece set-up. Complete self-containment provides instantaneous setting from the front for up to 5 notches on materials up to 16 gauge with 3-1/4" to 10' stretch out and a foot switch permits one man, unskilled, to handle most notching jobs.



MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
TDC® NOTCHER [3/5/6 HEAD MODELS]	16 gauge mild steel 10 feet	2 7/16" for TDC® notch 1-1/2" for "V" notch	Available in 3, 5 and 6 head combinations	N/A	3 H.P. 230/460 volts, 60 cycle, 3phase, A.C. 1,600 RPM.	Length - 122" Width - 24" Height - 52" Passline - 45" Weight - 800 lbs.
SPEEDNOTCH MODEL 16 [3&5 HEAD MODELS]	16-28 gauge	N/A	N/A	N/A	3 H.P. 230/460 volts, 60 cycle, 3phase, A.C. 1,800 RPM	Length - 122" Width - 24" Height - 52" Passline - 45" Weight - 800 lbs.

## EASY EDGER (MANUAL)

Turn perfect flanges on elbows or other curved fittings as fast as you can notch them. No gauge to set. Hand clamps to any bench. Available with or without stand. 20 gauge maximum.



## COLD SEALANT SYSTEM [5 OR 55 GALLON]

These portable cold sealant units (available in both 5-gallon and fixed 55-gallon sizes) should be factory installed to all Lockformer® rollforming machines and are available with one to four gun systems. Optical eye triggers are included to adjust flow. Snuffer devices are also included to eliminate leaks in the shut-off position. From pump assemblies to nozzles, everything is quality engineered for top performance. The sealant itself is specially formulated to produce perfect, non-toxic, flame-retardant sealing beads to ductwork in-shop or on-site. Beads that won't crust or shrink – even under extreme temperature conditions.

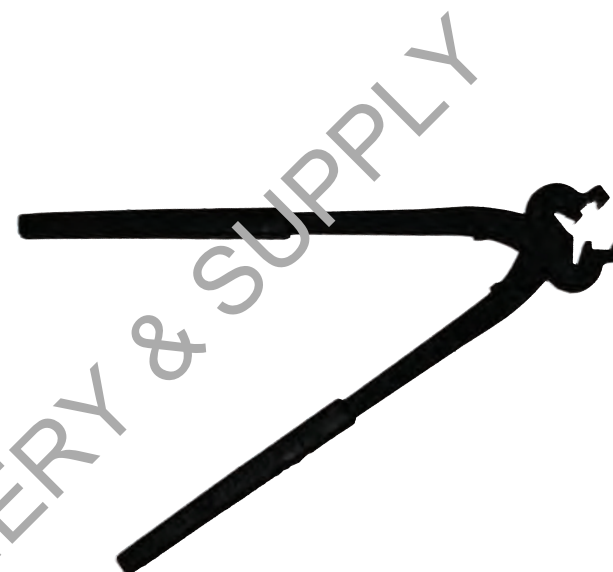


Model Details



## TDC®/TDF® CLIP TOOL

This specially designed and engineered Clip Tool makes effortless work out of the installation of 6" TDC® or TDF® SMACNA specified clips. Snapping the clips into place with pliers or channel locks can damage the clip and compromise the rigid binding integrity of the TDC®/TDF® joint. [Model L535950]



## TDC®/TDF® CORNER CLEAT WRENCH

When manually inserting corners with a hammer, take the necessary next step to insure that the corners are securely held in place with the TDC®/TDF® Corner Tool. The process is effortless and uniformly bends the TDC®/TDF® flange over the inserted corner so that no corners are lost in shipment and/or during field installation. [Model A-1]

## GALV-OFF (PER CASE)

There is simply no better product to soften and dissolve galvanize build-up on forming rolls and press dies.

Galv-Off has been used by metal fabricators around the world to keep precision rollformers from advanced roll wear and tooling damage.

Do not use common off-the-shelf lubricants on your machines. These paraffin based products actually attract dirt, grime and galvanized particles! Galv-Off is specially formulated to lubricate as it cleans. The spray nozzle has been developed to deliver an accurate and precise coating so you don't waste any. Handy 12 oz. aerosol size cans come in cases of 12. SDS (formerly MSDS) sheet provided.



12 cans per case



12 ounce aerosol size

MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
EASY EDGER	20 gauge galvanized	1/4" flange	Optional stand	N/A	N/A	Width - 4" Height - 18" with stand Weight - 23 lbs.
COLD SEALANT SYSTEM	N/A	N/A	Optical eye included	Rollformer speeds limited to 65 feet per minute on per-cut length	115 volts, 60 cycle, single phase, Air= 100 psi	Length - 24" Width - 28" Passline - 34" Weight - 175 lbs. (5 Gal System) 300 lbs. (55 Gal System)

## COLLARMAKER (DOVE TAIL WITH TABS)

Notch, bead, crimp & roll in one pass!

Save time and money by combining notching, beading, crimping and rolling in one operation.

For complete round starting collars 3 to 14 inches in diameter out of 24-30 gauge galvanized steel, the Lockformer® Collar Maker is the perfect tool. All it takes is one pass! Just cut to width and length or use scrap. This machine uses either 3" or 6" width blanks with simple movement of the crimp roll.

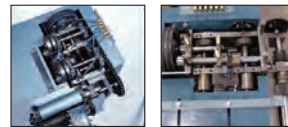


## ROTO NOTCHER

Dove-tail notch out of 24 to 30 gauge galvanized — in only one pass!

Just cut to width and length or use scrap. This machine uses either 3" or 6" width blanks with simple adjustment.

Model Details



## SPIN COLLAR MAKER

Make your own spin collars in minutes. Just cut galvanized stock (24 gauge & lighter) to width and length, set the diameter from 4" to 16", and push the blank against the automatic stop. A synchronized die notches the lead edge for easy spin-installation on the job site. The notched piece is then pushed past the stop, feeding the part into the roll former and finally into the automatic crimping and curling operations. Two models are available - Model 6 (2" to 6") and Model 12 (2" to 12").



Model Details



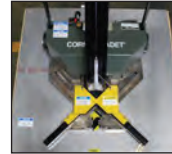
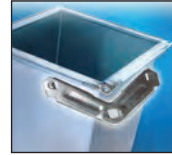
MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
COLLARMAKER (DOVE TAIL WITH TABS)	24-30 gauge	N/A	Tab-notch depth 5/8" standard, adjustable to 3/4" Optional depth available upon request. Tab-notch spacing Approx. 3/4" center	30 fpm	3/4 hp, 115 volt, single phase Drive - V-belt	Length - 20" Width - 22" Height - 36" Weight - 300 lbs.
ROTO NOTCHER	24-30 gauge	N/A	30 feet per minute	30 fpm	3/4 hp, 115 volt, single phase Drive - V-belt	Length - 20" Width - 23" Height - 36" Weight - 300 lbs.
SPIN COLLARMAKER	24-30 gauge	N/A	Curling Diameter - 4-16" MODEL 6: 2" - 6" MODEL 12: 2" - 12"	40 fpm	3/4 hp, 1725 rpm, 115 volt, 1 phase	Length - 22 1/2" Width - 42" Height - 37 1/2" Weight - 400 lbs.

## CORNER CADET® (PORTABLE)

Fast, easy corner insertion and crimping in ducts and fittings. Although the Corner Cadet® is portable and light in weight, it's heavy on performance, automatically inserting and crimping specially designed TDC® and TDF® corners in seconds. In addition to handling virtually every style of duct, the Corner Cadet® also works with multiple types of straight fittings. Automatic duct squaring. For ducts and fittings from 18 ga., 1.2 mm to 26 ga. and .6 mm galvanized mild steel. For angled fittings to 16 ga., 1.6 mm, please see the Cornermatic Plus® on page 31.



Model Details



## 6016 BEADER

Beading is a cost-conscious way to stiffen ductwork. It is 5 times faster than the old method, cross-braking, and uses only one operator. Designed to meet the requirements of SMACNA, this ductwork prep machine produces 5 beads on 12" centers and is adjustable to 3/16" depth. A convenient hand-wheel raises or lowers the top roll assembly to set depth of bead. The top and bottom rollers are kept parallel with adjustable screw and pillow block assemblies connected by a link chain. Individual adjustable screw and pillow block assemblies connected by a link chain. Individual collared beading rolls are replaceable. Feed rolls are self-compensating over the entire gauge range. Double entrance feed bars are provided so that material can be gauged from either left or right side.

With Lockformer® quality construction, this machine has an industrial electric motor; precision bearings; turned, ground, and polished steel forming rolls and roll shafts; and an arc-welded steel stand protected with Lockformer®'s top-quality primer and paint finish. Lubrication fittings are located on each bearing.

Model Details



MODEL	CAPACITY	DEPTH OF POCKET/SIZE	OTHER	SPEED	MOTOR/VOLTAGE	DIMENSIONS/WEIGHT
CORNER CADET®	18-26 gauge	N/A	N/A	N/A	110 volt, single phase, 60 cycle Air = 90 PSI	Length - 34.5" Width - 32" Height - 49.5" (top of handle) Platform - 48.5" x 48.5" Weight - 240 lbs.
6016 BEADER	16-30 gauge	N/A	N/A	30 fpm	3/4 H.P. 115/230 volts, 60 cycle, single phase, A.C. 1,800 RPM	Weight - 1650 lbs. Capacity: 16 gauge max. width 5 ft.

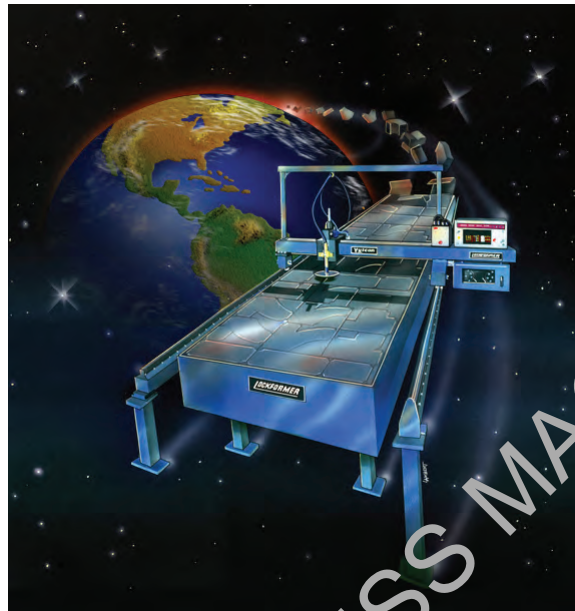


## LOCKFORMER VULCAN® [DURABILITY, PRECISION, AND CRAFTSMANSHIP]

It's what's in a name—durability, precision, and craftsmanship. It's the confidence and pride in knowing a job's done right. It's why we put our name on every product, so at the end of the day you can put your name on yours.

The very first Vulcan® Model 1200 was unveiled in January of 1982 at the Atlantic City ASHRAE Show. Now, 30 years later, the "Vulcan" product brand name has become the most recognized HVAC Plasma Cutting System in the world and there are no other competitive brands that come close.

A superior product brand because it has earned the reputation for unrivaled quality, performance and value. Through the years, Lockformer®'s steady stream of innovations provide the latest trends in HVAC sheet metal cutting and these influences significantly set us apart. Trust Lockformer®'s Vulcan® to drive your business. HVAC contractors rely on Vulcan's sheet metal cutting software and table to increase shop productivity, reduce waste and improve their bottom line.



## VULCANPLUS® CUTTING SYSTEM

Vulcan® is . . .

Simply the best....Worldwide. The Plus is the benchmark in plasma cutting systems - now featuring the new "Flex-Ability" technology to side or end load.

A superior product brand because it has earned the reputation for unrivaled quality, performance and value.

Through the years, Lockformer®'s steady stream of innovations provide the latest trends in HVAC sheet metal cutting and these influences significantly set us apart.



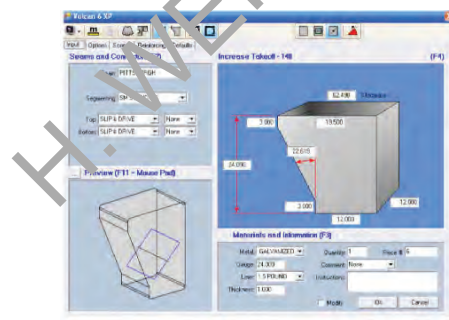
Model Details



Cutting software library of fittings



Cutting software options



Gain additional productivity with the optional **Trimble Field Fitting Input (TFFI)** for iPad, the most efficient and easiest way to enter sheet metal fitting information in the field and transfer it to the office for import into your Vulcan® cutting software. Whether you are looking to do a small residential or large commercial project, Trimble Field Fitting Input covers you with a comprehensive fitting library for most any situation. Additionally, **TFFI** provides your organization with 97% of the Vulcan® CAM software library of fittings. **TFFI** allows contractors to keep each project separate, and keep floor and drawing information separate within each project. Contractors are able to enter every dimension as well as the type of metal, gauge, insulation and liner thickness, and seam data. Reduce errors and rework while increasing productivity and return on investment.

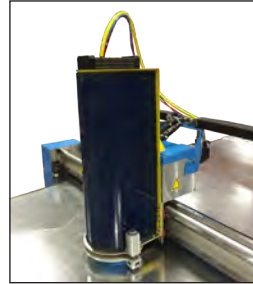
MODEL	SOFTWARE/ COMPUTER SYSTEM	MACHINE CONTROL	PLASMA UNIT	CUTTING CAPACITY	CUTTING AREA & TABLE CAPACITY	SPEED	APPROXIMATE DIMENSIONS	APPROXIMATE WEIGHT
VULCANPLUS® CUTTING SYSTEM	Vulcan® 6XP HVAC  Dell PC with 19" Monitor & Printer	7590 CNC-TS & 15" Color Graphic Industrial Touch Screen	Hypertherm Standard: PowerMax 45 Optional: PowerMax 65	3/8" Mild Steel 1/2" Mild Steel	5'x10' Standard - 50x200' Optional  Table Capacity 1,000 pounds	Positioning Speed 3,000 IPM Max.	164" long 81" wide 58" high	2,700 lbs.

## VULCAN® LASER MAX

The next evolution in the Vulcan cutting systems is the Laser-Max. With minimal heat affected zone on the cut edge, the parts coming off the machine will cause less wear to downstream fabrication equipment. Minimal kerf combined with 4-axis controls enable the cutting of intricate patterns.

- Laser cutting uses less heat – edges are not hardened leading to less wear and tear on other machinery.
- Exclusive Patent-pending technology allows operator to access parts directly from the table and eliminates need for a pallet shuttle system.
- Coil feeding made easy as full table enclosure is eliminated – Laser Max 1.5 can be sheet or coil fed.
- Laser-Max features a fiber laser resonator – the latest in industrial laser cutting.
- Running speed up to 1100 ipm on thinner materials (24-26ga).
- All rack and pinion 4-Axis (2-Y, 1-X, 1-Z) controlled. Z is servo driven with automatic torch height.

Model Details



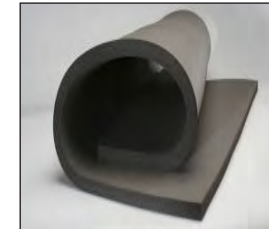
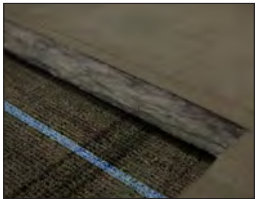
## VULCAN® 1600WJ WATERJET CUTTING SYSTEM

Lockformer's® Vulcan® plasma cutting systems have been shipped around the world for 30 years, so you can trust the Vulcan® 1600 WaterJet to provide you with superior performance including the latest technology.

The Vulcan® 1600 WJ is designed with traditional Lockformer® quality and reliability, to eliminate the duct liner bottleneck in your shop while reducing the labor associated with this process.

HVAC contractors rely on Vulcan's® insulation cutting software and table to increase shop productivity, reduce waste, and improve their bottom line.

Model Details



Vulcan®  
1600 WJ Waterjet  
Cutting System  
Specifications

MODEL	SOFTWARE/ COMPUTER SYSTEM	MACHINE CONTROL	CUTTING/PLASMA UNIT	CUTTING CAPACITY	CUTTING AREA & TABLE CAPACITY	SPEED	APPROXIMATE DIMENSIONS	APPROXIMATE WEIGHT
VULCAN® LASER MAX 1.5	Vulcan® 6XP HVAC PC with 19" Monitor & Printer Other Cam Software interfaces available upon request	Mach 3 & Color Graphic Industrial Touch Screen	0.75 KW Standard 1.0 and 1.5 KW available	0.120" Mild Steel Mild Steel Optical Cutting Capacity	Standard: 5'x10' Optional: 5'x20'  Table Capacity 350 lbs.	Positioning Speed 1,100 IPM Max.	168" long 96" wide 63" high (5' x 10' table)	3,200 lbs.
VULCAN® 1600 WATERJET	Vulcan® 6XP HVAC Dell PC with 19" Monitor & Printer	7590 CNC-TS & 15" Color Graphic Industrial Touch Screen	KMT STREAMLINE SL-VI 15-HP WaterJet intensifier	Up to 4" Fiberglass or 2" Foam Insulation	5' x 10' Standard 5' x 20' Optional  Table Capacity: 2,500 lbs.	3,000 IPM Max Positioning Speed	Length - 168" Width - 96" Height - 63"	4,500 lbs.

## VULCAN® 1500 COMBINATION PLASMA & KNIFEJET CUTTING SYSTEM

Double-up your fabrication capabilities with this all-in-one machine that processes both plasma cut metal and knife cut duct liner.

Your cutting table drives your business. Trust Lockformer®'s Vulcan to drive your table.

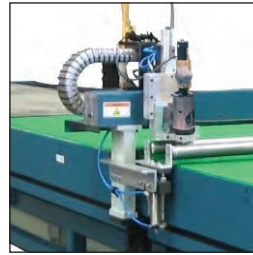
Manual cutting of duct liner is wasteful. This system cuts costs by reducing insulation scrap and you know fiberglass costs more than metal these days.

HVAC contractors rely on Vulcan's insulation cutting software and table to increase shop productivity, reduce waste, and improve their bottom line.

Insulation Cutting System Consisting of:

- 5' x 10' Cutting Table.
- Hypertherm Powermax 45 Plasma Unit, Upgrade to Powermax 65 available.
- Includes Reusable Turf Covered cutting board that replaces slat configuration on normal plasma cutting table.
- Equipped with Special Knife for cutting up to 1.5 lbs 1.5" Short Fibered Insulation, not ROTARY and not 1" minimal spec.
- Also quoted with the product is the optional bar code scanner and software that offers "On Demand" nesting of the fitting insulation pieces.
- (2) Full width Pneumatic Hold down rolls for positive positioning of the Insulation while cutting fittings
- Option to buy Roto-Zip attachment instead of knife blade to cut insulation

Model Details



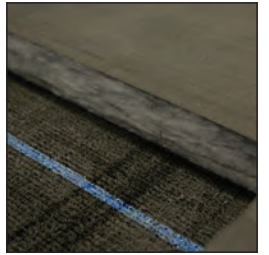
## VULCAN® 1700 KNIFEJET INSULATION CUTTING SYSTEM

Your cutting table drives your business. HVAC contractors rely on Vulcan's insulation cutting software and table to increase shop productivity, reduce waste, and improve their bottom line. The Vulcan® 1700 Insulation Cutting System consists of 'turf' covered cutting board that replaces the typical slat configuration on normal plasma cutting tables. Equipped with special knife for cutting up to 1.5 lb, 1.5" short fibered insulation, not rotary and not 1" minimal spec, and pair of full width pneumatic hold down rolls for positive positioning of the insulation while cutting. Optional bar code scanner and software offers "On Demand" nesting of the fitting insulation pieces.

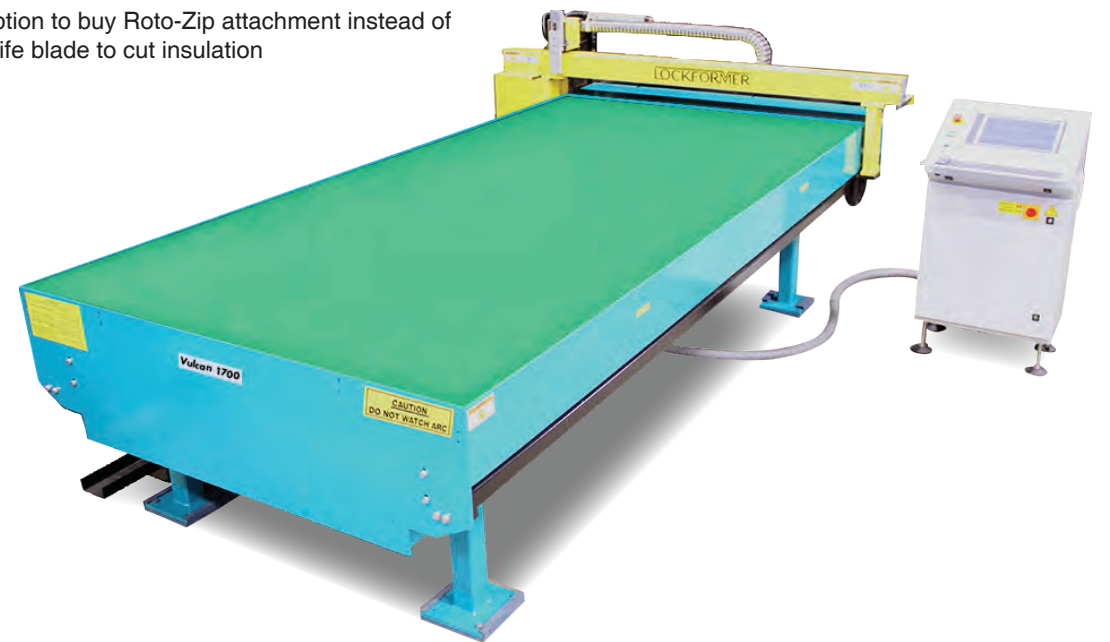
Insulation Cutting System Consisting of:

- 5' x 10' Cutting Table
- Includes Reusable Turf Covered cutting board that replaces slat configuration on normal plasma cutting table.
- Equipped with Special Knife for cutting up to 1.5 lbs 1.5" ROTARY type duct liner
- Also quoted with the product is the optional bar code scanner and software that offers "On Demand" nesting of the fitting insulation pieces.
- (2) Full width Pneumatic Hold down rolls for positive positioning of the Insulation while cutting fittings
- Option to buy Roto-Zip attachment instead of knife blade to cut insulation

Model Details



Scan this QR Code for more information on the Knifejet 1700



MODEL	SOFTWARE/ COMPUTER SYSTEM	MACHINE CONTROL	CUTTING UNIT	CUTTING CAPACITY	CUTTING AREA & TABLE CAPACITY	SPEED	APPROXIMATE DIMENSIONS	APPROXIMATE WEIGHT
VULCAN® 1500 COMBINATION PLASMA & KNIFEJET	Vulcan® 6XP HVAC  Dell PC with 19" Monitor & Printer	7590 CNC-TS & 15" Color Graphic Industrial Touch Screen	Hypertherm Powermax 45	Cut 3/8" Mild Steel-Powermax 45 Cut 1/2" Mild Steel-Powermax 65 1.5" Fiberglass Insulation	5' x 10' Standard 5' x 20' Optional  Table Capacity: 2,500 lbs.	3,000 IPM Max Positioning Speed	164" long 81" wide 58" high	2,700 lbs. (5' x 10' model)
			Upgrade to Powermax 65 available					
VULCAN® 1700 KNIFEJET	Vulcan® 6XP HVAC  Dell PC with 19" Monitor & Printer	7590 CNC-TS & 15" Color Graphic Industrial Touch Screen	Knife Blade	1.5" Fiberglass Insulation	5' x 10' Standard 5' x 20' Optional  Table Capacity: 1,00 lbs.	3,000 IPM Max Positioning Speed	Length - 168" Width - 96" Height - 63"	2,700 lbs.