

Tin KNOCKER

SHEET METAL WORKING MACHINERY

Quality Machinery
Affordable Prices



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“The Tin Knocker People”

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ROLL FORMERS

TK 24 GA. PITTS. ROLL FORMER

On the job site or in the shop, this portable little roll former is a work horse for 24 gauge and lighter material. With all steel stand (standard), it will also fit right in with your other shop equipment. Shown with optional flanging attachment.

Specifications

Capacity: 24 Ga mild steel

Dimensions: 41"x24"x33"

Weight: W/out flange attachment: 274 lbs

Weight: With flange attachment: 305 lbs

(Note: when shipping, roll former fits inside stand)

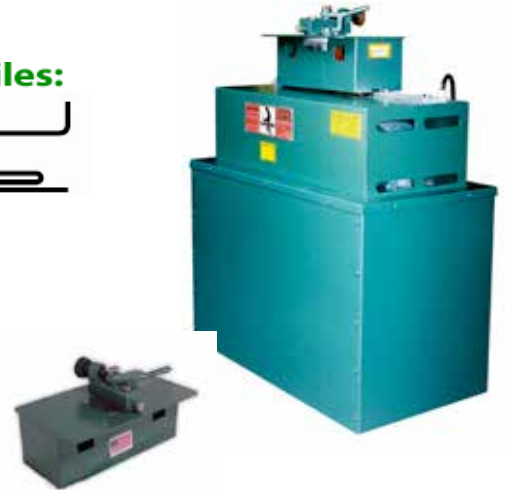
Motor: ½ HP, 1725 RPM, 115 Volt

Pocket: Approx. 5/16"

Speed: Approx. 25-30 FPM

Flange Height: 3/16"

Profiles:



TK 20 GA. PITTS. ROLL FORMER

A **workhorse!** This 5 station Pittsburgh lock roll former is offered with choice of Drive Cleat or Acme rolls on the other outbound side. Powered by a 1 HP dual voltage motor with V-belt drive, this machine is built for dependability. Flanging attachment and Right Angle Flange rolls are optional.

Specifications

Capacity: 20-26 Ga.

Material Used: Approx. 1"

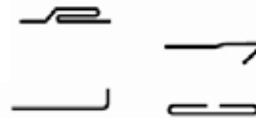
Speed: Approx. 25 FPM

Pocket: 5/16"

Weight: 360 lbs.

Dimensions: 42"x24"x44"

Profiles:



TIN KNOCKER PITTS AIR HAMMER

Closes up to 16 GA
Fast and Easy!



TK NO. 20 POWER FLANGER

This power flanger has the "auto-guide" feature, which automatically controls the forming of a right-angle flange. It will contour and follow any edge, straight or curved. Using the convenient table slot, the operator merely turns up a starting edge, starts the material through the rolls and lets go.

Specifications

Capacity: 20 Ga. and Lighter

Shipping Weight: 207 lbs.

Dimensions: 25"x25"x41"



Everything Necessary to Set Up a Shop!

TK 16 GA. PITTS. ROLL FORMER

IT COMES LOADED!!! The 16 gauge Pittsburgh lock machine has 7 forming stations with 2 forming positions. One position produces the Pittsburgh lock and on the second position, the user has a choice of either Drive Cleat rolls, Acme rolls or 4 in 1 rolls.

Standard Features

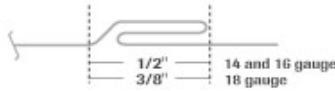
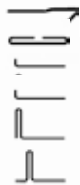
16-20 Ga. Pittsburgh Rolls

Specifications

Capacity: 16-20 Ga Uses approx. 1-3/8" of material
 Depth of Pocket/Size: 1/2" Width of hammer-over edge adjustable up to 3/8"
 Speed: 40-45 feet per minute with 230/3/60 (1ph optional)
 Weight: 650#
 Dimensions: 59"x24"x41"

Choices:

- Acme Rolls
- Drive Cleat Rolls
- 4-in-1 Rolls
- 1/4 Flange
- 1/2 Flange
- Standing Seam
- T Connection



TK 20 GA BUTTON LOCK ROLL FORMER

Tin Knocker's 9 Station Button Lock Roll Former means no hammering over of edges. The Button Lock roll former comes with "male" tooling on one side and female on the opposing side. A fast, effective SMACNA approved way of marrying 20 to 26 gauge duct sections.

Specifications

Capacity: 20-26 Ga.
 Motor: 3 HP, 230/3/60
 (5HP, single phase is optional)
 Speed: Approx. 60 FPM
 Dimensions: (Shipping) 62" x 30" x 45"
 Weight: 820 lbs.
 Lube: Centralized

Profiles:



TK S & DRIVE PLUS

The TK S & Drive Plus Cleat Former is a versatile performer. It's payback in scrap savings will pay for this machine.

Standard Features

Flat S Cleat Rolls

Specifications

Speed: 90 FPM
 5 HP Motor 230/3/60 (230/1/60 opt'l)
 1" Shafts Inboard, 7/8" Outboard
 Ship Dimensions: 69" x 29" x 49"
 Ship Weight: 890 lbs.

Choices:

- Drive Cleat Rolls
- Pittsburgh Rolls
- *Male Button Lock Rolls
- *Female Button Lock Rolls
- *4-in-1 Rolls
- 1/4 Flange
- 1/2 Flange
- Standing Seam
- T Connection



Profiles for S&Drive Plus or Fourplex



TK FOURPLEX CLEAT FORMER

A great Connector Machine and More!!!

Truly a poly-functional machine, the Tin Knocker Fourplex is the epitome of "value" and "flexibility". Configured with S & Drive down the center and choice of either Male & Female Button Lock or 4 in 1 and Pittsburgh Rolls, this machine comes standard with S & Drive Slitter to turn scrap into useful product. Fast Payback Machine!

Standard Features

Slitter Attachment
(slits & feeds S&Drive)
Strip Feed Cable
Drive Cleat Roll
Flat S Roll

Specifications

Motor: 5 HP (1800) RPM
230/3/60 Elec (1ph opt)
"S" Cleat Width: 1 1/16"
Drive Cleat Width: 1 1/8"
Approx Speed: 100 FPM
Ship Dimensions: 74"x30"x50"
Ship Weight (approx): 1280 lbs.

Choices:

Male Button Lock Rolls
Female Button Lock Rolls
Pittsburgh Rolls
4-in-1 Rolls
1/4 Flange
1/2 Flange
Standing Seam
T Connection



TK T-D-P ROLL FORMER

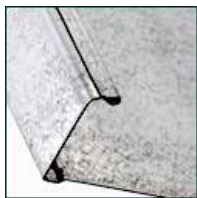
(Transverse Duct Profile)

At last, an affordable, full service, high quality transverse duct connector machine!!!

It is versatile, too. This 14 station roll former comes standard with the T-D-P rolls (profile shown below) and the Clip rolls outboard, leaving the center tool space for other profile rolls. This T-D-P roll former will roll sheet metal into leak proof, sealable T-D-P flanges at speeds of up to 50 fpm, automatically! Start saving time and money by forming your own T-D-P flanges - with their snap on corners - and eliminate spot welding altogether. The T-D-P roll former works with Autolock stiffeners to greatly reduce tie rod and angle iron use.



Profile of Transverse Duct Connector



Profile of Clip



Shown with Optional Slitter Attachment

Specifications

Machine	Capacity	Depth of Pocketsize	Speed
T-D-P	18-24 gauge for T-D-P	Uses approx. 1-7/8" of material on T-D-P	50 feet per minute
T-D-P Clip (min. length 20")	22 gauge	2-1/8" of material	2 1/8"

Forming Stations: 14
Shaft Diameter: 1.25"
Passline: 38.625"
Forming Speed: 50 fpm
Motor: 10 HP, 1800 RPM, 230/460 volt, 3 phase
Dimensions (LxWxH): 38" x 136.75" x 46", Weight: 2900#

SHEARING, SLITTING & NOTCHING

TK NO. 1 and NO. 2 HAND SHEARS

Our TK Hand Shears are versatile metal cutting tools. With these shears virtually any desired cut can be made with most metals. Both models are designed to be bench mounted. The throat less shears from Tin Knocker come in two capacities, 14ga & 10ga. These machine make awesome cutting tools. Both models use a unique shoulder design that allows you to turn the metal in any direction during the cut. These hand shears are set up for clean, burr free cuts.

Specifications TK No. 1

Max Capacity 14ga Mild Steel
Max Capacity 18ga Stainless Steel
12" Height (Less Handle)
23 lbs.

Specifications TK No. 2

Max Capacity 10ga Mild Steel
Max Capacity 14ga Stainless Steel
15" Height (Less Handle)
38 lbs.



No. 1

No. 2

TK 1652 FOOT SHEAR

Built to last! The TK 1652 foot operated squaring shear incorporates all those features to which you are accustomed, to include precise gauging and beefy hold downs for shearing accuracy. Includes back gauge (27") and two front support arms. Cast and precision machined for strength and rigidity.

Specifications:

Capacity: 16 Ga. mild steel x 52"
Dimensions: 62"L x 36"W x 52"H
Weight: 1215 lbs.



TK H1652 HYDRAULIC SHEAR

The Tin Knocker power squaring shear makes shearing light gauge metal easy. The design and features make shearing accurate and efficient. This shear can accommodate 52" sheet with a maximum capacity of 16-gauge mild steel. The hydraulically powered unit features fast and smooth shearing action.

INCLUDES: Front support arms, Parallel rack and pinion back gauge, 5ft squaring arm with drop stops.

Specifications

Weight	1350 lbs
Dimensions	72 x 48 x 36 in
Maximum shearing capacity, mild steel	16 ga/ 1.6 mm
Maximum shearing capacity, stainless steel	20 ga/ 1.0 mm
Maximum cutting length	52 in/ 1.20 mm
Back gauge range	30 in/ 762 mm
Front gauge range	37 in/ 940 mm
Standard motor	2 hp/ 1800 rpm, 3-phase
Floor space, gauges in position	66 x 76 x 42 in/ 1676 x 1930 x 1070 mm



TK 20 GA. & 16 GA. SLITTERS

Sturdy 24" throat slitters with quick adjusting back gauge and scale. Stand is optional.



Specifications

	2024	1624
Capacity	20 Ga.	16 Ga.
Throat	24"	24"
Motor	½ HP, 115V	¾ HP, 115V
Min. Slitting Width	1.25"	1.25"
Max. Slitting Width	24.25"	24.25"
Approx. Speed	90 FPM	90 FPM
Approx Shipping Weight	300 lbs.	550 lbs.
Dimensions	46"x20"x30"	46"x20"x30"

TK 5' LINER TABLE

The Tin Knocker manual insulation cutter slits fiberglass insulation to length and width.

Material is fed into the machine with a crank handle. The desired width is immediately cut with the adjustable slitter blade while the insulation is fed into the blade. The embedded scale makes for fast and accurate cutting

Once the material is at the desired length the operator pulls the handle, quickly and efficiently slitting the insulation to length with the crosscut blade.

The result is a simple and easy way to make repeatable cuts to fiberglass insulation.



Specifications:

Capacity:	Features:	Shipping Information:
Roll Width: 60" Max	Payoff reel, adjustable width	270 lbs.
Roll Diameter: 40" Max	Quick cut slitter, length & width	79" x 28" x 24"
Liner Thickness: ½ to 2"	Embedded scale for fast slitting to width	
Liner Density: 1 ½ to 3 lbs.		

Exit table not included and this machine ships knocked down. Assembly is easy but please call if you have any questions.

TK 1655 HAND CORNER NOTCHER

A heavy versatile tool, capable of not only notching to capacity but also shearing and piecing operations in lighter gauge. Of heavy cast iron and fabrication construction, this table top machine comes with front gauges and surface ground table. Stand is optional.



TK EDGE NOTCHER

Notches tabs on the edge of the metal for round collars and end caps, as well as guards and fittings.

Specifications

Motor:	1/3 HP, 110V
Single Phase:	60Hz AC
Depth of Notch:	0 to 3/4",
Width of Notch :	3/16"
Spacing:	3/4" to 1 7/16"
Capacity:	20 Gauge Mild Steel,
Speed: Variable Minimum	18 FPM
Overall Dimensions:	21" Long , 16 1/2" High , 13" Deep
Approx. Shipping Weight:	290 Lbs.

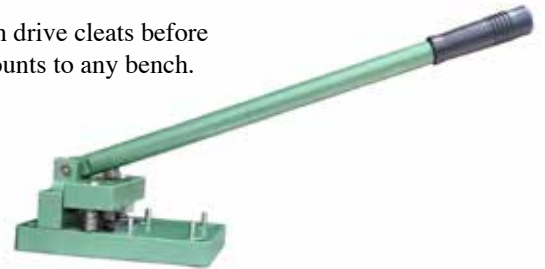


TK DRIVE CLEAT NOTCHER

This tool notches drive cleats giving drives a rounded end for an easier installation. Notch drive cleats before or after they are formed. Easy to use with a spring loaded push handle. This tool easily mounts to any bench.

Specifications:

Capacity: 22-gauge mild steel		
Machine: Dimension, 21"	Length x 4"	Width x 10" Height
Shipping: Dimension, 11"	Length x 4"	Width x 6" Height
Approximate Weight, 18 lbs.		



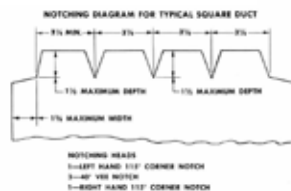
TK 1016 HYDRAULIC DUCT NOTCHER - for Speed Notching

TK 1016 Hydraulic Notcher for T-D-P and Cleats

Notches up to 6 times faster than hand notching. This 5 headed gang notcher is a fast and easy way to notch sheet metal ducting, in preparation for TDC forming, to receive bar, "s", drive cleat and other connections. A real money maker in that it is fast, accurate and durable. A heavy, versatile tool.

Specifications

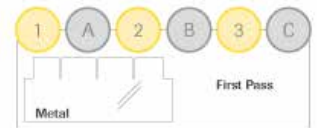
- Capacity: 16 – 28 Ga. mild steel
- No. Notching Heads. 3 V and 2 corner, for 5 total.
- V Notch. 1 1/2" max
- Corner Notch. 1 1/4" max
- Motor & Electrics. 3 HP Dual Voltage, 115- 230/1/60, 1800 RPM
- Shipping. 79" L x 36" W x 36"H
- Weight : 800 lbs.



Perfect for preparation for bar, "s", drive cleat and other connections.



Second pass uses combination cleat heads drive A, B, & c.



First pass uses combination heads T-D-P 1, 2, & 3.



Final result is a combination of using 3 heads T-D-P and 3 heads drive cleat through two passes.

The yellow circle represents the combination of heads being used.

BRAKES & BENDERS

TK 1648 & 2248 BOX & PAN BRAKES

Durable and dependable! The TK Box & Pan brake gives you the features you would expect from a quality machine. All steel welded construction, with adjustable truss bars and bronze bushings. This brake is built to last! The 1648 comes with removable apron angle and apron insert, permitting .25" (6.35mm) reverse bends in lighter materials. Stand available as an option.

Specifications

TK 2248

Capacity: 22 Ga. mild steel
 Max. Box Depth: 3"
 Dimensions: 64"x 28"x32"
 Ship Weight: 356 lbs.
 Bend Length: 48.25" (1225mm)
 Max. Beam Lift: 7/8" (22.2mm)
 Min. Reverse Bend: 5/16" (7.9mm)

TK 1648

Capacity: 16 Ga. mild steel
 Max. Box Depth: 4"
 Dimensions: 64"x28"x32"
 Ship Weight: 493 lbs.
 Stand is 65 lbs.



"The best brakes sold in America"

TK SHEET METAL BRAKES

Tin Knocker straight brakes are built to last! True industrial quality. Whether bending, hemming or cross braking, these are machines for a lifetime. Brass bushed wear points. Special Feature: **SPRING STEEL NOSE BAR**

Specifications

Model	Bending Length	Mild Steel Capacity	Dimensions	Approx Shipping Wt.	Depth of Box or Pan	Counter Wt.	Bolt-on Apron Angle	Lift of Beam
TK422	48.25"	22 Ga.	61"x30"x30"	350 lbs.	2" 3 sides	2 incl	incl	1"
TK 622	6'	22 Ga.	78"x34"x32"	450 lbs.	2" 3 sides	2 incl	incl	1 1/4"
TK816	8' 1"	16 Ga.	140"x31"x60"	2480 lbs.	2" 3 sides	2 incl	incl	2 1/4"
TK1016	10' 1"	16 Ga.	160"x50"x60"	3000 lbs.	2" 3 sides	2 incl	incl	2 1/4"

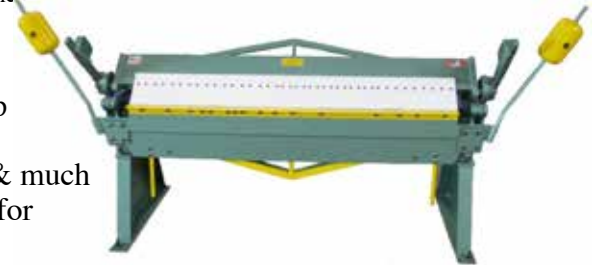
TK 616 UNIVERSAL BRAKE

An incredibly universal hand brake. Featuring box & pan fingers up top and segmented, relocatable bend apron tooling below. Perfect for complex parts to include flange down bends, transverse duct forming & much more. With strategically positioned counter weights this brake makes for easy and smooth manual bending.

Specifications

Capacity with lower tooling flanges: 72" x 16 gauge (1.6mm)
 Capacity without lower tooling flanges, 72" x 20 gauge (1.0mm)
 Lift of beam: 1.5" (38.1mm)
 Front to back ram adjustment: 1/2" (13mm)
 A minimum reverse bend of 5/8" (16mm)
 Min flange width: 1" (25mm)
 Finger widths: 1", 3", and 4" (50.8, 76.2, and 101.6mm)
 Lower segment tooling widths of 1", 1.5", 4", 6", 8", 12", and 20" (25, 38, 102, 203, 305, 508mm)
 Bending beam tooling (segmented) lengths of 1", 1.5", 4", 6", 8", 12", and 20" (25, 38, 102, 203, 305, 508mm)

Maximum transverse bend in center of machine: 2" (50.8mm)
 Maximum transverse bend at end of machine: 3" (76.2)
 Footprint with counter weights: 95x38x54in (2413x965x1346x1372mm)
 A shipping weight of 2800lb (1273kg) –HERE'S THE BEEF!



TK LETTER BRAKE

Features: Make can letters and more!!!

Designed to bend sheet metal strips with one or more bent up edges or existing seams. "Drum return"? No problem. Can also bend 12" of straight sheet metal. Foot operated clamping leaves both hands to handle the material.

Specifications

Capacity: 20 Ga. Mild Steel, Dimensions: Approx. 48"x41"x44", Footprint: Approx. 25"x22"x42", Weight: 195 lbs.



Watch video of all Tin Knocker models in action at www.tinknocker.com

TK NO. 24 CHEEK BENDER

This beefy 24" cheek bender is built to last. Bench mounted, ready for service. Consistent bends are a certainty due to the two-way trunnion keeping the bending apron in position at the original bend.

Specifications

Capacity: 20 Ga. mild steel x 24"
Dimensions: 40"L x 12"W x 10"H
Weight: 96 lbs.
Stand Optional!



TK NO. 30 CLEAT BENDER

Durable and dependable! The TK 30" cleat former has all the features you would expect from a quality machine. Quickly forms uniform drive cleat edges on rectangular duct with no required set up or adjustment. Stand optional.

Specifications

Capacity: 20 Ga. mild steel x 30" (1/2" Depth)
Approx. Dimensions: 42"x16"x20"
Weight: 126 lbs.



TK NO 30 POWER CLEAT BENDER

The Cleat Bender is another Tin Kocker model designed to increase speed and efficiency in the sheet metal shop. It performs cleat bending operations with precision, safety and ease of performance, yet it only requires one man for operation – even on long or clumsy duct components. No holding, supporting or repositioning of metal pieces is required in cleat forming operations.

Solves problems for cleat duct work requiring insulation. Can perform cleat bending operations in the flat when you are producing "L" shaped insulated duct.

This time saving Tin Kocker unit is like an extra pair of hands.

Specifications

Maximum Capacity:	22-gauge mild steel or equivalent
Table Top Height (working surface height):	31 inches
Table Top Length (not including CLEAT BENDER):	36 inches
Overall length:	49 inches
Maximum Width Capacity:	30 inches
Motor:	1 HP for 110 Volt, single phase 60 HZ
Approximate Shipping Weight:	650 Lbs.



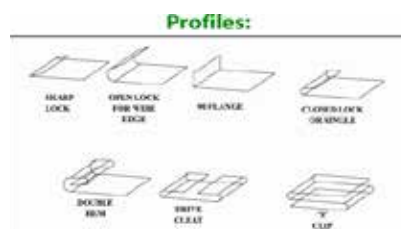
TK NO. 30 BAR FOLDER

Finally! An affordable, ever versatile 30" bar folder. The TK No. 30 Bar Folder uses one motion to clamp and fold to desired angle. Easy to adjust internal back gauge allows for quick flange width selection.

If you thought you could only afford a used bar folder, think again. You can afford and will love your TK No. 30 Bar Folder. Optional Stand is available.

Specifications

Capacity: 22 Ga. mild steel
Max. Bend Length: 30"
Flange Width Range: 1/8" – 1"
Dimensions: 48"x20"x13"
Weight: 334 lbs.



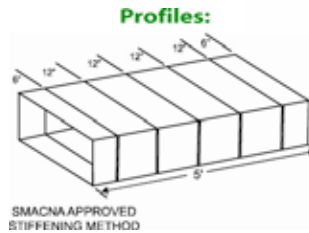
BEADING CRIMPING and ROLLING

TK 1660 DUCT BEADER

Stop cross braking! Save time and save money. A one man operation, this heavy duty (16 Ga.) Beader comes with five (5) sets of bead tooling that can be located anywhere over the 60" working length and replaced if damaged. Exit support roll is powered to reduce hang up of material.

Specifications

Capacity: 16 Ga. mild steel (galvanized) x 60"
Motor: 1 HP, 115 single phase, 60 Hz. Standard
Dimensions: Approx. 80" L x 48" W x 54" H
Weight: 1750 lbs.



TK MANUAL FLANGER = EASY EDGING!

Puts 7/32" flange on elbows and other radius fittings. Bench mounted, there is no gauge to set, and requires no special tools.

Specifications

Capacity: 20 Ga. x 7/32"
Dimensions: 26"x16" x 12"
Weight: 35 lbs.
Min. Radius: 1 3/4"

Profile:



TK 24 GA. MANUAL CRIMPER - BEADER

Crimp and bead in one pass of the metal, 24 Ga. and lighter. Comes with Ogee bead and crimping tooling, depth gauge and base.

Specifications

Capacity: 24 Ga. mild steel
Approx. Weight: 35 lbs.
Dimensions: 26"x16"x12"

Profiles:



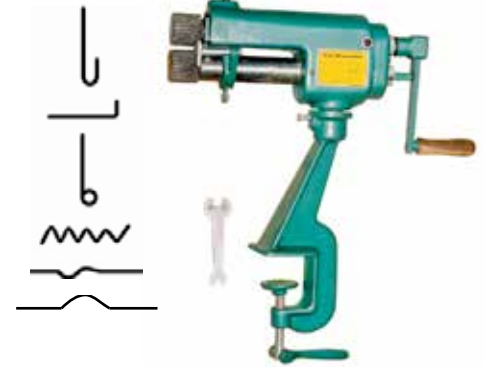
TK 724 DEEP THROAT COMBO

Includes 6 sets of tooling and pedestal base. A versatile machine, capable of many edge forming operations, to include ogee bead, crimping, turning, burring, wiring and single bead.

Specifications

Capacity: 24 Ga. mild steel
Throat Depth: 7"
Approx. Shipping Weight: 55 lbs.
Dimensions: 26"x16"x12"

Profiles



ROLLING

TK 2236 ROLLS

Here's the beef! These 36" rolls are precision cut and ground. The 2" diameter rolls feature wiring grooves, enclosed gear box and two drive rolls. The upper roll quickly unlocks and is easily lifted by lever, to allow efficient removal of the part. Stand is optional.

Specifications

Capacity: 22 Ga. mild steel x 36"
Dimensions: 60"L x 22" W x 24" H
Weight: 267 lbs.



"Best in North America"

PUNCHING

TK NO. 18 HAND TURRET PUNCH

Now you don't have to wait and watch for a second hand turret punch to turn up on the used market.

Introducing the Tin Knocker No. 18 Hand Turret Punch. A fast, accurate and flexible method of punching in the shop. Priced at what you would expect to pay for a used (second hand) machine, this 18 station, 8-ton punch is built to last. The solid cast and machined C frame and precision machined and ground turret make for smooth effortless punching over the user's lifetime.

Specifications

Capacity:	8 Tons
Throat Depth:	18"
Tooled Stations:	18
Punch Range:	1/8" – 2 1/4"
Punch Sizes:	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 1/2", 2", 2 1/4"
Actuation:	Hand Actuated
Ship Weight:	Approx. 530 lb.
Ship Dimensions:	Approx. 36"x37"x58"



JOINING

TK 1524 FOOT OPERATED SPOT WELDER

At last, a Heavy Duty, Industrial Quality Spot Welder!

Features

Foot Operated
Water Cooled (prep)
Swivel Arms
Swivel Foot Pedal
Universal Reversible Double End Arms,
90 & 22 Degrees
Vertically Adjustable Lower Arms
6 Point Heat Selector
1" Quick Release Tip Holders
w/No. 2 Morse Tape Sockets
(2) No. 2 Conical, 5/8" Dia. Alloy Tips

Specifications

Capacity: 2 Pieces of 16 Ga. Mild Steel
Arms: 15 KVA x 24" / 1 3/4" Dia.
Electrics: 230/1/60
Max. Space Between Arms: 5-11"
Approx. Weight: 750 lbs.
Dimensions: 34"x24"x59"



OUR COMMITMENT

Tin Knocker machinery is committed to providing the best, industrial quality sheet metal working machinery at the lowest possible price. We offer all the machines necessary for an HVAC contractor or general fabricator to produce rectangular duct, fittings or similar products. Tin Knocker has been in the marketplace since 1998, and is now well known for its availability (we keep them in stock and sell through your local suppliers), reliability and value. We believe that every model in the line will compare favorably to or exceed the quality of any like machine in the marketplace. Compare our quality, compare our prices and you will conclude that Tin Knocker is the best value in sheet metal working machinery.

REFERENCES & TESTIMONIALS

Ask us for references or testimonials. We have lots of very satisfied customers who willingly sing the praises of Tin Knocker.

TAAG Industries Corp.

"The Tin Knocker People"

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