

Tin KNOCKER

SHEET METAL WORKING MACHINERY

Quality Machinery
Affordable Prices



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TAAG Industries Corp.
“The Tin Knocker People”
1257-B Activity Dr, Vista CA 92081
Tel: 760-727-9947 Fax: 760-727-9948 Email: info@taagind.com
Web: www.tinknocker.com

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)

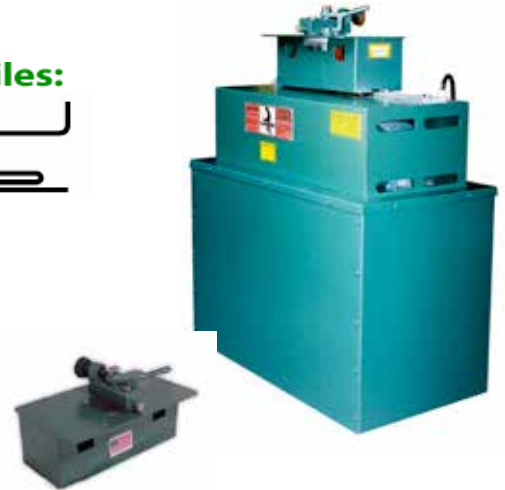
Motor: ½ HP, 1725 RPM, 115 Volt

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"

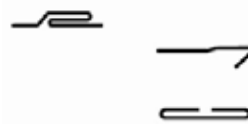
Speed: Approx. 25 FPM

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

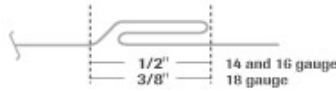
16-20 Ga. Pittsburgh Rolls

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 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

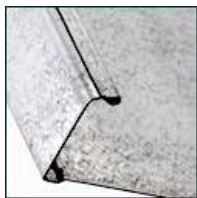
(Transverse Duct Profile)

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 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 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 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 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 1016 HYDRAULIC DUCT NOTCHER - for Speed Notching

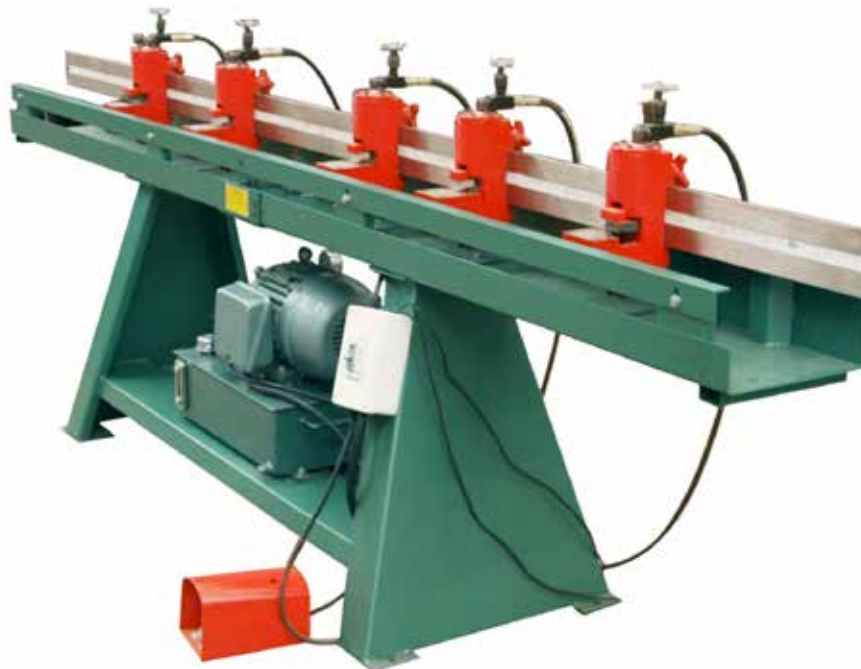
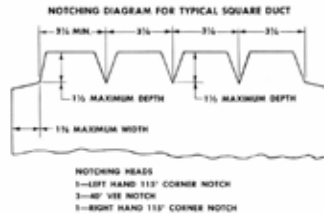
TK 1016 Hydraulic Notcher for T-D-P and Cleats

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.

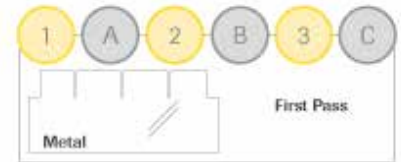
Specifications

- Capacity: 16 – 28 Ga. mild steel
- No. Notching Heads. 3 V and 2 corner, for 5 total.
- V Notch. 1 ½" max
- Corner Notch. 1 ¼" 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.

THE WIZARD HVAC PLASMA SYSTEM

The Wizard plasma cutting system was developed specifically for the HVAC contractor/fabricator. It is designed to do all that a user could want and meet the user's budget. Nothing has been sacrificed except cost to our customer. \$32,000.

CUTTING TABLE FEATURES

- Heavy duty 5'x10', all welded steel construction capable of a 2000 lb load (full sheet of 1" plate)
- 2 1/2" x 60", 16 ga. slats for economical replacement
- Efficient down draft exhaust design, activated & deactivated automatically as cutting starts & stops
- Hinged clean out doors at both ends makes cleanout easy. Slat removal not necessary.
- Top quality Browning 3/4" rack & pinion drives
- The finest dual hardened and ground HIWIN#20 linear guide ways
- Heavy duty NEMA 34 motors that automatically square the gantry (a feature only found on the best cutting tables.)
- Direct drive, high torque motors to eliminate position error found on belt driven tables
- Solid 4"x6" thick wall tube gantry. This light weight, rigid construction means less moving weight and maximum repeatability.
- Gantry drive with 3/4" rack & pinion and dual hardened & ground HIWIN#15 linear guide ways
- Top quality motors and gears delivering position repeatability of approx. .0005"
- Gantry capable of speeds of 1000 IPM
- Precision Drop Head Control
- Torch crash protection.



MADE IN THE USA!!

PC MACHINE CONTROLLED

Machine is equipped with and controlled by a standard laptop, replaceable locally. No proprietary components over which the user is "held ransom" later. (All computer specifications are subject to current, over the counter availability)

SOFTWARE

- Windows tm operating system.
- SHOP DATA HVAC SOFTWARE with:
 - Full HVAC fitting library and 3-D viewing of parts - Automatic nesting of parts minimizes scrap and maximizes efficiency
 - Estimating & costing functions
 - Cut list
 - Over 60 common geometric shapes
 - Label printing, and MORE
- Very user friendly. If you know HVAC sheet metal, this software will "talk to you"
Truly the most advanced and complete software package offered in the industry

TRAINING & SUPPORT

- Us at your shop or you at our shop (we'll fly you to California!) San Diego is NICE!!
- Free telephone and internet support to the original buyer

PLASMA POWER SUPPLY

- HYPERTHERM POWERMAX 45 - standard (rated 1/4" with piercing)

OPTIONS

- Router/Insulation Cutter
- Hypertherm 85 amp power supply is available (1" rated)

Shipping Weight: 2,800 lbs. Dimensions: 13' x 8' Ship by Flatbed Only

BRAKES & BENDERS

TK 1648 and 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.

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. Special Feature: **SPRING STEEL NOSE BAR**



"The best brakes sold in America"

Specifications

Model No.	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 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. Adjusts for 1/4" to 7/8" bends (6.35mm – 22.2mm).

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 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.

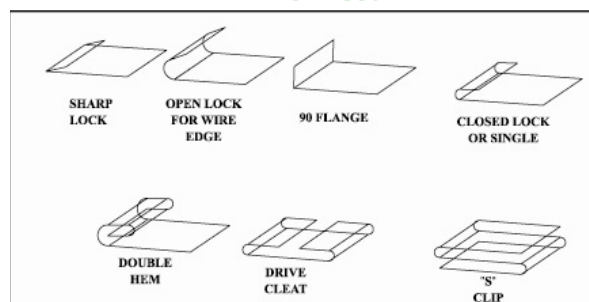
If you thought you could only afford a used bar folder, think again. You can afford and will love your TK No. 30 Bar Folder. Optional Stand is available.



Specifications

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

Profiles:



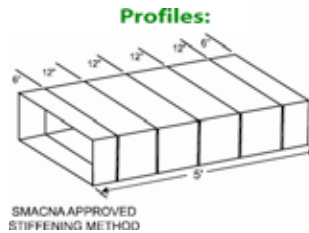
BEADING CRIMPING and ROLLING

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:



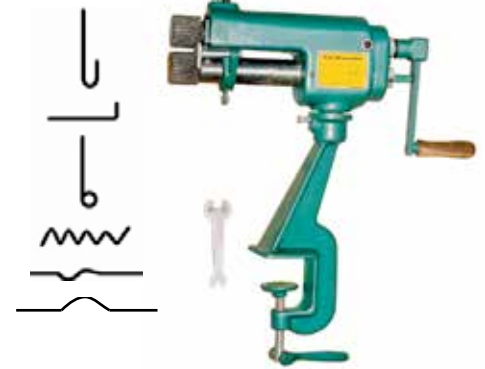
TK 724 DEEP THROAT COMBO

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"

1257-B Activity Dr, Vista CA 92081

Tel: 760-727-9947 Fax: 760-727-9948 Email: info@taagind.com

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