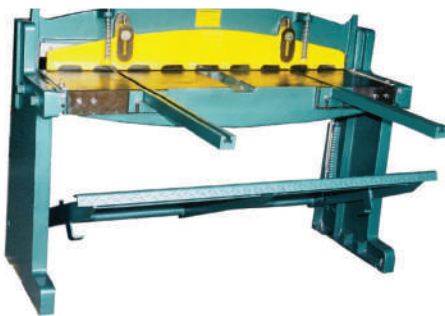


Tin KNOCKER

SHEET METAL WORKING MACHINERY

**Quality Machinery
Affordable Prices**



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TAAG Industries Corp.
"The Tin Knocker People"

1550 Simpson Way, Escondido, CA 92029
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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.

Specifications

Capacity: 24 Ga mild steel

Dimensions: 41"x24"x33"

Weight: Without 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"

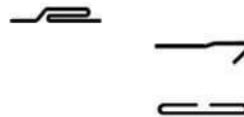
Speed: Approx. 25 FPM

Pocket: 5/16"

Weight: 360 lbs.

Dimensions: 42"x24"x44"

Profiles:



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"



TK NO. 16 POWER FLANGER

A perfect partner for the TK 16-gauge Pittsburgh Roll Former. Produces a flange on material with a diameter of as little as 2". Produces 3/8" outside flange on straight or curved sheet metal edges.

Specifications

Capacity: 16-gauge mild Steel or equivalent material

Motor: 0.75 HP, 110V, single phase

Speed: 18 ft/min

Overall Dimensions: 36"x28"x48" Weight: 635 lbs.



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 (most common).

Standard Features

16-20 Ga. Pittsburgh Rolls

Specifications

Capacity: 16-gauge mild Steel or equivalent 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 lbs.

Dimensions: 59"x24"x41"

Choices:

Acme Rolls

Drive Cleat Rolls

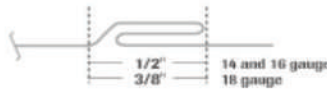
4-in-1 Rolls

1/4 Flange

1/2 Flange

Standing Seam

T Connection



TK 20 GA BUTTON LOCK ROLL FORMER

Tin Kocker'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 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 S & DRIVE PLUS

The TK S & Drive Plus Cleat Former is a versatile performer. Its 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
Reeves Lock



Profiles for S & Drive Plus or Fourplex

TK T-D-P ROLL FORMER

(Transverse Duct Profile)

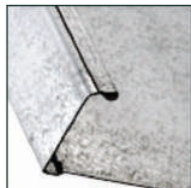
At last, an affordable, full service, high quality transverse duct connector machine!!!

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

Your choice of TDC or TDF Rolls



Profile of Clip



Shown with Optional
Slitter Attachment

Specifications

Machine

T-D-P
T-D-P Clip (min. length 20")

Capacity

18-24 gauge for T-D-P
22 gauge

Depth of Pocketsize

Uses approx. 1-7/8" of material on T-D-P
2-1/8" of material

Motor 3HP, 230/3/60 (single phase optional)

Speed

50 feet per minute
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#

TK HEM & KICK ROLL FORMER

This machine is standard equipped with no tooling in the center position and (2) sets of outboard shafts equipped with;
1/2" x 180-degree hem rolls for 20-26ga (right side)
1/2 Hem with 5/8" Kick Rolls (left side)

Specifications:

Speed: 90 feet per minute
Motor: 5 HP 230/460/3/60/1800 RPM
Drive: Matched Double Vee Belt
Base: Arc Welded Steel. Heavy top plate.
Dimensions: 68" long, 24" wide, 48" high
Feed table height: 34 5/8"
Shipping Weight: Approximately 1050 lbs.



TK No. 24 Collar Maker

Notch, bead, crimp, and roll in one pass! Produces complete round starting collars. Uses either 3 inch or 6 inch blanks. Works with the same simple movements of a crimp roll.

Specifications

- Capacity: 24 to 30 ga galvanized steel
- Feed Rate: 30 ft/min
- Motor: .75 HP, 115 Volt, single phase



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 Knochler 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.



TK ANGLE IRON WORKER

SHEAR, NOTCH & BEND ANGLE IRON WITH EASE.
Here is VERSATILITY AND MULTI-FUNCTIONALITY!!!
Great for making sign frames, trailer frames, machine stands,
or anything using angle iron.

Specifications:

Height 33" Footprint 21 ½" x 26"
Max. Capacity 2" x 2" x ¼" Weight 285 lbs.

Stand and Extension Bar, Included



TK JACKETING SHEAR

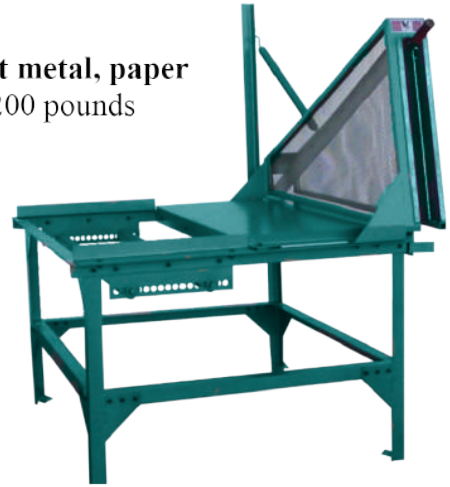
This combination payoff cradle and hand shear cuts light gauge sheet metal, paper and thin plastic. Two material mandrels built in that can support up to 200 pounds each.

Easily Cuts:

- Stainless steel
- Galvanized steel
- Aluminum
- PVC
- ASJ
- Kraft Paper

Specifications

Capacity: Steel up to 26 ga.
Aluminum up to 22 ga.
Max Sheet Width: 48"
Overall Dimensions: 55"x74"x70"
Table Top Height: 34"
Weight: 650 lbs.



TK CIRCLE SHEAR

Features:

Hand crank feed operation for easy cutting
Equipped with back gauge for aid in positioning work

Specifications:

Capacity mild steel: 16 ga.
Capacity stainless: 20 ga.
Circle diameter: 3"-42"
Diameter of cutters: 2"
Maximum flange depth: 3"
Depth head throat: 10"
Depth of tail stock: 5 – 1
Horsepower: 1/3 HP
Cutter speed: 110
Shipping weight: 400 lbs.

Includes:

Floor Legs
Rack & Pinion Feed for Tail Stock
Flanging Rolls

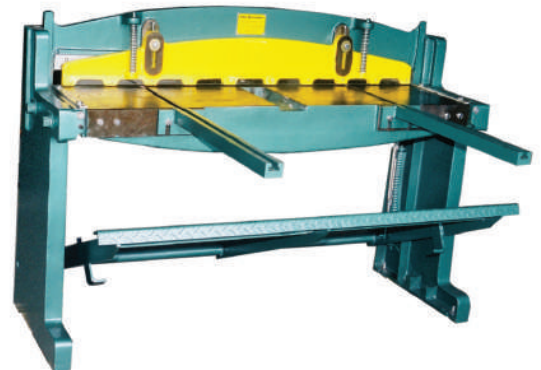


TK 1652 FOOT SHEAR

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:

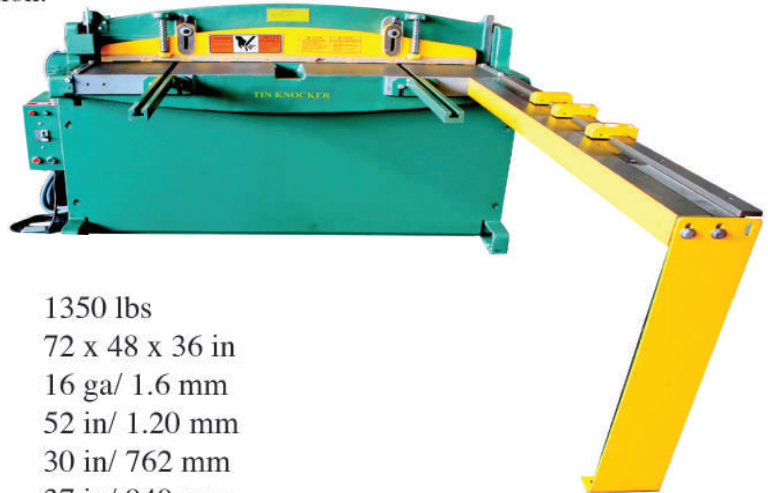
Capacity: 16 Ga. mild steel x 52"
Dimensions: 62"L x 36"W x 52"H
Weight: 1215 lbs.



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 cutting length

52 in/ 1.20 mm

Back gauge range

30 in/ 762 mm

Front gauge range

37 in/ 940 mm

Standard motor

1 phase / 220V

Floor space, gauges in position

66 x 76 x 42 in/ 1676 x 1930 x 1070 mm

TK 1014 AIR POWER SHEAR

Loaded with features.

- Manual Front Operated Back Gauge with Digital Read Out.
- Pull Out Front Sheet Supports.
- Front Dumping Rear Sheet Supports.
- Reversible 4ft Squaring Arm with Embedded Scale and 3 Drop Stops
- Manual One-Shot Lubrication
- Scaled entrance guides on both ends

Shown with Squaring Arm



Specifications

Capacity: mild steel up to 14 ga, Stainless steel up to 18 ga

Required air supply: 80 gallon tank. 90 psi. 14 CFM

Speed: 20 strokes per minute

Overall Dimensions: 144"x40"x64"

Weight: 3775 lbs



TK 20 GA. & 16 GA. SLITTERS

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

Specifications

| | <u>2024</u> | <u>1624</u> |
|------------------------|--------------------|--------------------|
| 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: |
| Roll Width: 60" Max | Payoff reel, adjustable width |
| Roll Diameter: 40" Max | Quick cut slitter, length & width |
| Liner Thickness: ½ to 2" | Embedded scale for fast slitting to width |
| Liner Density: 1 ½ to 3 lbs. | |

Shipping Information:

270 lbs.
79" x 28" x 24"



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

TK GANG SLITTER

Features:

Cut multiple blanks of light gauge sheet metal... in one pass!
Great for roofing and architectural!
Gang slit blanks from 16 to 30 gauge.
Slit blanks at speeds up to 60 FPM
Gang slit pre-painted and other sheet material

Standard Features:

| | |
|-----------------------------------|--|
| Life lubed bearings | Left or right hand operation |
| 3" cold rolled polish shafts | Beefy table |
| 2 sets of reversible knives | Operating Speed: 60 FPM |
| Heavy duty chain drive | ¾ HP, 110/220V, 1 Phase Motor |
| Stripper fingers to prevent twist | Tool steel blades with stripper rings (Non-scratch: pre-painted, copper, polished metals, etc.) |

Specifications:

| | |
|---------------------------------|----------------------------------|
| Overall width: 58: | Overall depth: 26" |
| Width between end frames: 52 ¼" | Shaft Diameter: 3" |
| Max Cutting Width: 48 ½" | Knife Dimensions: 5" OD x ¼" |
| Table Height: 35" | Motor HP: ¾ HP |
| Feed Speed: 60 FPM | Electrics: 110/220 V – 1ph |
| Weight: 525 lbs. | Ship Dimensions: 67" x 37" x 48" |



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.

Specifications

Capacity: 16 Ga. Mild Steel
Angle: 90 Degrees Shipping

Specifications

Blade Length: 5"
Weight: Approx. 170 lbs.



TK Hydraulic Corner Notcher

Standard Features:

Hardened steel blades (reversible uppers)
Split head: allows for and adjustable tab – 0-1"
Gage Plate (table)
2 – Gauges (45 degree mitre on one end)
Angle Iron Stand
Hydraulic System

Specifications:

Capacity in mild steel: 14 gauge
Capacity in stainless steel: 18 gauge
Maximum notch in one cut: 6" x 6"
Tab capacity in mild steel: 1" in 16 gauge
Throat depth: 6-3/4 inches
Height (overall): 55 inches
Gage size: 6-1/4" x 2"
Blade to apex to front of table: 9 inches
Electrics: 115 Volt AC Amp, 1 phase
Controls: Double guarded foot switch, Safety interlock

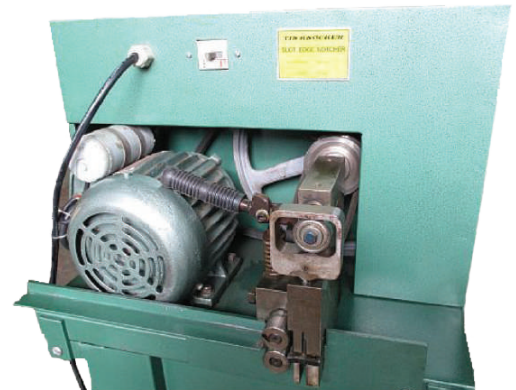


TK EDGE NOTCHER

Notches tabs on the edge of the metal for round collars and end caps, as well as guards and fittings. **Your choice of Slot or V- Notch.**
Both sets of tooling are included with machine.

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"

Shipping: Dimension, 11"

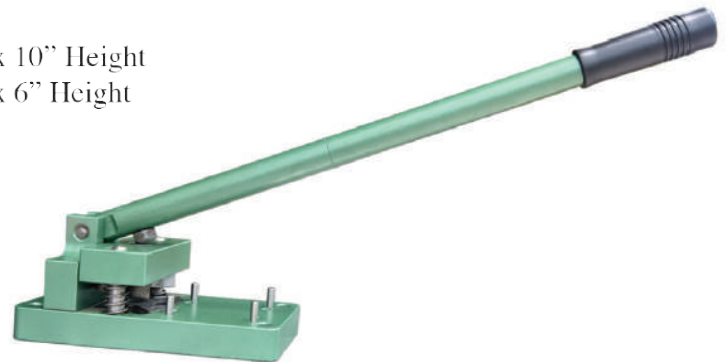
Approximate Weight, 18 lbs.

Length x 4"

Length x 4"

Width x 10" Height

Width x 6" Height



TK 1016 HYDRAULIC DUCT NOTCHER - for Speed Notching

S&D or Bolt-Together Duct

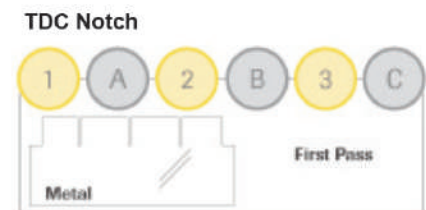
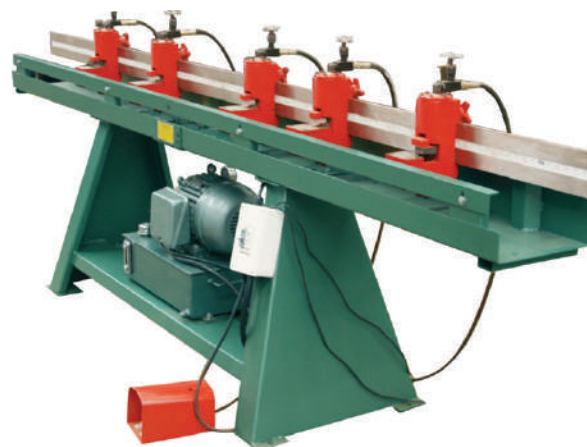
Notches up to 6 times faster than hand notching. This 5 headed gang notcher is a fast and easy way to notch sheet metal ducting, in preparation for TDC forming, to receive bar, "s", drive cleat and other con-nections. A real money maker in that it is fast, accurate and durable. A heavy duty, versatile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

Available in S&D Notch, TDC Notch, or TDF Notch.

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.



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.



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 s
Max. Box Depth: 4"
Dimensions: 64"x28"x3
Ship Weight: 493 lbs.
Stand is 65 lbs.

TK SHEET METAL BRAKES

Tin Kocker 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 No. | Bending Length | Mild Steel Capacity | Dimensions | Approx Shipping Wt. | Depth of Box or Pan |
|-----------|----------------|---------------------|--------------|---------------------|---------------------|
| TK422 | 48.25" | 22 Ga. | 61"x30"x30" | 350 lbs. | 2" 3 sides |
| TK 622 | 6' | 22 Ga. | 78"x34"x32" | 450 lbs. | 2" 3 sides |
| TK816 | 8' 1" | 16 Ga. | 140"x31"x60" | 2480 lbs. | 2" 3 sides |
| TK1016 | 10' 1" | 16 Ga. | 160"x50"x60" | 3000 lbs. | 2" 3 sides |

Specifications

| Counter Wt. | Bolt-on Apron Angle | Lift of Beam |
|-------------|---------------------|--------------|
| 2 incl | incl | 1" |
| 2 incl | incl | 1 1/4" |
| 2 incl | incl | 2 1/4" |
| 2 incl | incl | 2 1/4" |



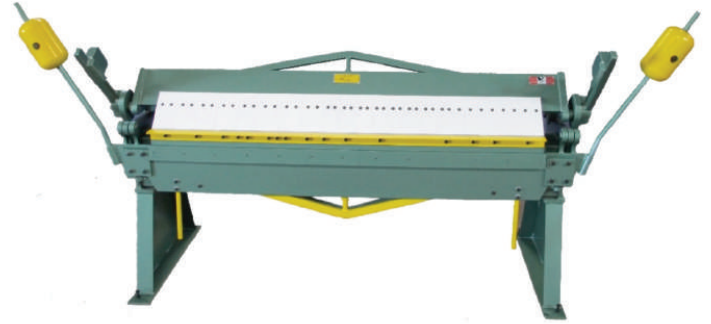
"The best brakes sold in America"

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.

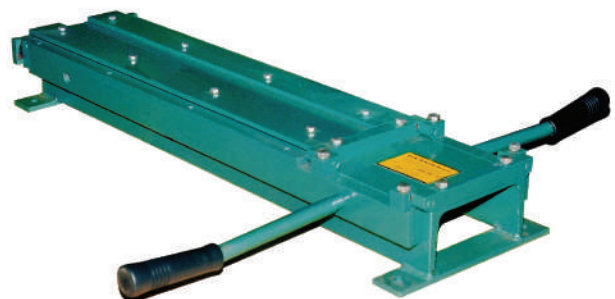


TK NO. 24 CHEEK BENDER

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 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.

Can perform cleat bending operations in the flat when you are producing "L" shaped 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

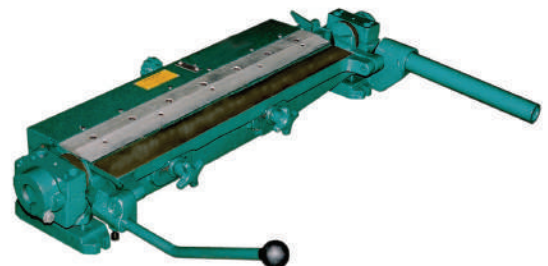
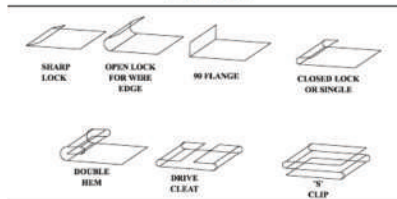
Max. Bend Length: 30"

Flange Width Range: 1/8" – 1"

Dimensions: 48"x20"x13"

Weight: 334 lbs.

Profiles:



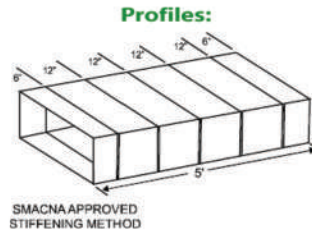
BEADING CRIMPING and ROLLING

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. 3 profile producing hand machine.

1. Crimp and Bead together
2. Crimp Only
3. Bead only

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

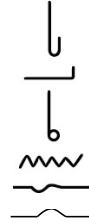
Capacity: 24 Ga. mild steel

Throat Depth: 7"

Approx. Shipping Weight: 55 lbs.

Dimensions: 26"x16"x12"

Profiles



TK POWER CRIMPER BEADER

Here is the beef and throat depth you need. A two-pedal foot switch allow the operator to have two hands free always when changing direction of the rolls. An enlarged back gauge plate also facilitates handling of the part. Includes spacer collars for all operations except flanging. Total of, 9 sets of Tooling.

Specifications

Capacity:

mild steel up to 18 ga

Motor:

1 HP, 230 V, 3 Phase

Throat to Frame depth:

13"

Throat to gauge depth:

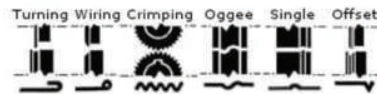
12.25"

Overall Dimensions:

39"x52"x14.5"

Weight:

340 lbs



Tooling Included

- Crimper & Bead Combo
- Small Crimp
- Large Crimp
- Ogee Bead
- Single Bead
- Offset
- Turning
- Wiring
- Elbow Edging

Other Options:

- Single phase VFD
- Air Cylinder Pressure Control



Optional Air Over System



ROLLING

TK 2236 ROLLS

Here's the beef! These 36" rolls are precision cut and ground. The 3" 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"

TK 2450 MANUAL SLIP ROLL

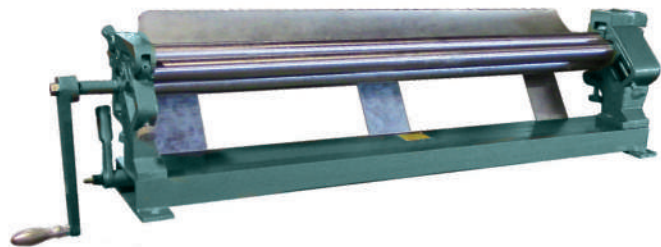
Perfect for insulation contractors. The Tin Kocker 50" Slip Roll is industrial strength. Precision machined and ground from high carbon steel, these rolls come with wiring grooves, enclosed gear box, and slip roll lift lever

| | | |
|-----------------|---------|--------------------|
| Weight: | 350 lbs | Features |
| Forming Length: | 50" | Wire grooves |
| Roll Diameter: | 2" | Lifting slip rolls |
| | | Lift lever |

Specifications

Capacity: 24 ga

Overall Dimensions: 75"x22"x24"



TK 1648 MANUAL SLIP ROLLS

Includes two crank handles for heavy capacity forming. All rolls are gear driven. A starting groove in the rear roll, as well as wiring grooves are standard on this machine. The lift handle makes for fast, easy extraction of formed material

Specifications:

Capacity: 16-gauge mild steel

Max. Forming Length: 49 inches

Roll Diameter: 3"

Gear Ratio: 4:1

Shipping Weight: 1100 lbs.

Shipping Dimensions: 77 x 30 x 22

Optional Stand: 270 lbs.

Throat depth: 6-3/4 inches

Height (overall): 55 inches

Gage size: 6-1/4" x 2"

Blade to apex to front of table: 9 inches

Electrics: 115 Volt AC Amp, 1 phase

Controls: Double guarded foot switch, Safety interlock

Hydraulics: EMP II Hydraulic system, 2800 p.s.i. operating pressure

Shipping Weight: 425 lbs.

*With high carbon high chrome blades



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 Kocker 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

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"
Capacity: 8 Tons
Throat Depth: 18"
Tooled Stations: 18
Punch Range: 1/8" – 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

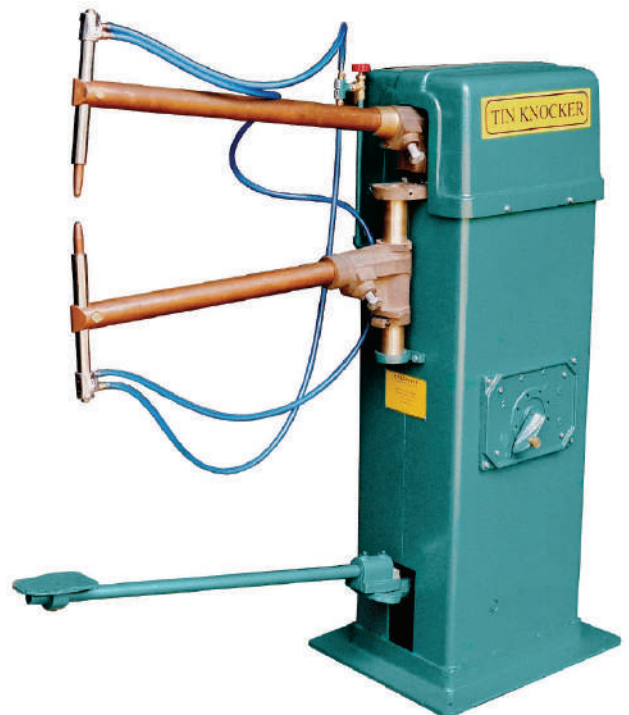
Capacity: 2 Pieces of 16 Ga. Mild Steel

Arms: 15 KVA x 24" / 1 3/4" Dia.

Electrics: 230/1/60

Max. Space Between Arms: 5-11"

Approx. Weight: 750 lbs.



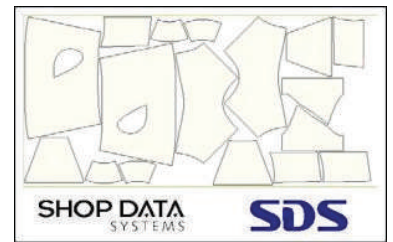
THE WIZARD HVAC PLASMA SYSTEM

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.
YOU WILL NOT FIND GREATER VALUE IN A NEW PLASMA MACHINE!

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 gauge 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.
- X axis has dual drive motors and Simple maintenance free roller guides for smooth travel
- Y axis has low maintenance V Grove Wheels and Rails
- Homing Feature that automatically squares the gantry
- Direct drive, high torque motors to eliminate position error
- Solid 4"x6" thick wall tube gantry.
- Aluminum gantry construction means less moving weight, great acceleration and enhanced repeatability
- Gantry drive with 3/4" wide rust and grease free, Industry proven open gear belt drive used on robotic applications
- Drive system delivers position repeatability of approx. +/- .0005in
- Cutting speed 300ipm, Rapid speed 600ipm. Gantry has been tested to speeds of 1000 IPM.
- Precision Drop Head Control
- Magnetic break away torch protection

The Wizard plasma cutting system was developed specifically for the small to medium size HVAC contractor. The Wizard is a full featured machine with all the capabilities of the more expensive plasma cutting systems, but is affordably priced.



The TK Wizard Plasma Table is Proudly Built in the USA, with domestic and foreign components

PC MACHINE CONTROLLED

Machine is equipped with and controlled by a standard laptop, replaceable locally. CNC control software is simple and intuitive. Even if you are new to CNC Plasma cutting, you will be up to the task in no time

SOFTWARE

- Windows tm operating system.
- SHOP DATA SOFTWARE: Quickduct CAM Master
 - Full HVAC fitting library and 3-D viewing of parts
 - Automatic nesting of parts min. scrap and max. 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

- Remote training done on your Plasma Table, in your shop!
- Free telephone and internet support to the original buyer. Our technicians can log directly on to your machine for real time support while you are learning or experiencing an issue, so you can get back to work quickly.

PLASMA POWER SUPPLY

- HYPER THERM POWERMAX 45XP OR VICTOR Thermal Dynamic 40A power supply (Both rated 1/4" with piercing)

OPTIONS

- Large power supply available (Up to 1" rated)

WARRANTY Limited one year, parts & labor on table. On other components, manufacture warranty applies.

OUR COMMITMENT

Tin Knocker machinery is committed to providing the best, industrial quality sheet metal working machinery at the lowest possible price.

We are proud to celebrate over two decades of supplying Tin Knocker machines to American contractors (HVAC, Insulation, Sign, Roofing, and more).

Conceived from need and built on customer satisfaction, the Tin Knocker brand was established in 1998 with only three models. Today, we offer nearly 50 models, shipping worldwide with plans to expand the line, offering more machines. Family owned and operated since 1986 TAAG Industries Corp., "The Tin Knocker People", strive to be the leader in low-tech sheet metal working machinery. NEW OR USED, one machine, or an entire shop, we want to be the solution. All our machines are sold through local re-sellers. If you have questions about our machines or where to purchase, please call 760-727-9947.

TAAG Industries Corp.
"The Tin Knocker People"

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Web: www.tinknocker.com