



www.IrvanSmith.com

800-221-7223

VOLUME 30

Dome Head Rivets

Aluminum Rivet with Aluminum Mandrel
(All Quantities Approx.)



3/16 Large Flange

Part No.	Size	Quantity	Price
ABA64L	3/16 x 1/4 Grip	250	\$14.75
		1000	\$52.50
		Case 3000	\$119.00
ABA66L	3/16 x 3/8 Grip	250	\$14.75
		1000	\$52.50
		Case 2500	\$105.00
ABA68L	3/16 x 1/2 Grip	250	\$16.75
		1000	\$57.75
		Case 2000	\$95.00



3/16 Small Flange

Part No.	Size	Quantity	Price
ABA64	3/16 x 1/4 Grip	250	\$9.00
		1000	\$31.50
		Case 5000	\$120.00
ABA66	3/16 x 3/8 Grip	250	\$9.50
		1000	\$33.50
		Case 4500	\$120.00
ABA68	3/16 x 1/2 Grip	250	\$10.50
		1000	\$36.75
		Case 4000	\$145.00



1/8 Large Flange

Part No.	Size	Quantity	Price
ABA44L	1/8 x 1/4 Grip	250	\$9.50
		1000	\$30.00
		Case 8000	\$230.00



1/8 Small Flange

Part No.	Size	Quantity	Price
ABA42	1/8 x 1/8 Grip	1000	\$16.00
		Case 10,000	\$130.00
ABA44	1/8 x 1/4 Grip	1000	\$16.00
		Case 10,000	\$130.00
ABA46	1/8 x 3/8 Grip	250	\$5.25
		Case 10,000	\$145.00
ABA48	1/8 x 1/2 Grip	250	\$6.25
		Case 8000	\$142.00

Exploding Rivets

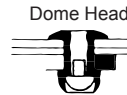
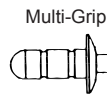


Aluminum Rivet with Aluminum Mandrel
(All Quantities Approx.)

Secondary Head or Exploding Rivets are designed especially for plastics and other brittle materials. This rivet has a secondary head that forms large "folds". This provides a larger bearing surface, resists pull-through or cracking that can occur in some materials with a standard rivet.

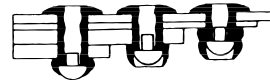
Part No.	Size	Quantity	Price
ABAS46	1/8 x 3/8 Grip	250	\$30.00
		1000	\$110.00
		Case 4500	\$440.00
ABAS66	3/16 x 3/8 Grip	250	\$29.00
		1000	\$105.00
		Case 2500	\$231.00
ABAS66LF	3/16 x 3/8 Grip Large Flange	250	\$35.00
		1000	\$120.00
		Case 2500	\$240.00
ABAS68	3/16 x 1/2 Grip	250	\$35.00
		1000	\$120.00
		Case 5000	\$575.00

Multi-Grip/Countersunk



**Aluminum Rivets
with Steel
Mandrel
Small Flange**

Multi-Grip Functions in a wide range of material thicknesses



Part No.	Dome Head/Multigrip	Quantity	Price
ABS41-43	1/8 x 1/32 to 3/16 Grip	250	\$10.50
		1000	\$35.00
		Case 10,000	\$273.00
			
ABS43-45	1/8 x 5/32 to 5/16 Grip	250	\$10.50
		1000	\$36.75
		Case 10,000	\$273.00
			
ABS62-64-MF	3/16 x 1/8 to 1/4 Grip	100	\$8.00
Countersunk/Multigrip			
ABS41-44C	1/8 x 1/32 to 1/4 Grip	250	\$14.75
		1000	\$50.50
		Case 10,000	\$378.00
			
Countersunk			
ABS45C	1/8 x 5/16 Grip	250	\$12.50
		1000	\$42.00
		Case 10,000	\$317.50
			

Colored Rivets

3/16" Painted Rivets

This super tough coating resists scratching, chipping and marring. These coatings match the colored aluminum presently used in the racing market. 3/16" aluminum rivets with steel mandrels.

Stock colors: Black Pepsi Blue Yellow
 Heron Blue Red
 Orange White

Other colors may be special ordered.

Part No.	Color	Size	Qty	Price
ABS66L-Plain	Millfinish	3/16 x 3/8	250	\$10.50
ABS66L-Black	Black	3/16 x 3/8	250	\$15.00
ABS66L-H Blue	Heron Blue	3/16 x 3/8	250	\$15.00
ABS66L-Orange	Orange	3/16 x 3/8	250	\$15.00
ABS66L-P Blue	Pepsi Blue	3/16 x 3/8	250	\$15.00
ABS66L-Red	Red	3/16 x 3/8	250	\$15.00
ABS66L-White	White	3/16 x 3/8	250	\$15.00
ABS66L-Yellow	Yellow	3/16 x 3/8	250	\$15.00

Multi-Grip Rivets

ABS62-64-BLK	Black	3/16 x 1/8-1/4	100	\$18.75
ABS62-64-RED	Red	3/16 x 1/8-1/4	100	\$18.75
ABS62-64-WHT	White	3/16 x 1/8-1/4	100	\$18.75

1/8" Painted Rivets

1/8" aluminum rivets with steel mandrels

Part No.	Color	Flange	Size	Qty	Price
ABS44-01	White	Small	1/8 x 1/4	250	\$9.00
ABS44-02	Black	Small	1/8 X 1/4	250	\$9.00
ABS44L-01	White	Large	1/8 X 1/4	250	\$16.00
ABS44L-02	Black	Large	1/8 X 1/4	250	\$16.00

Aluminum Backup Washers

Part No.	Size	Quantity	Price
1-8-BU-500	1/8"	500	\$9.00
1-8-BU-1000		1000	\$17.00
1-8-BU-CTN		Case 20,000	\$264.00
3-16-BU-500	3/16"	500	\$11.00
3-16-BU-1000		1000	\$21.00
3-16-BU-CTN		Case 20,000	\$315.00



Rivet Drill Bits



135° Split Point
 Sold in Packs of 12 only

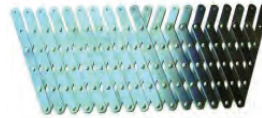
#30 For 1/8" Rivets
 O.A.L. 1-15/16"
#POP-1383306
\$12.00 pk.

#10 For 3/16" Rivets
 O.A.L. 2-1/4"
#POP-1383108
\$17.00 pk.

Made In The USA

Order Online 24/7

Rivet Fan Spacing Tool



Accordion style spacer allows you to get the exact spacing you need. Spacing sizes are stamped on the tool for easy reference. Extremely simple to use.

#POP-RF001
\$39.95

Hand Riveter



- For 1/8" to 3/16" rivets, steel or aluminum
- Easy pull, compact, fits in tight spaces

#POP-39000
\$35.00

Heavy Duty Air Riveter



#POP-79014
\$80.00

- Top quality construction
- For 1/8" to 3/16" rivets, steel or aluminum
- Fast, reliable operation
- Holds used mandrills, keeps them off the floor - no flat tires!

POP Air Riveter



Designed for high production and trouble-free operation with a variety of applications. Comes with 1/8", 5/32" & 3/16" nose pieces.

POP

#POP-PRG-510
\$399.00

18" Whip Hose for Gun
#POP-PRG-510-WH
\$10.00

Other POP brand riveters available by special order.

Pneumatic Air Tool Oil



Specially formulated lightweight, non-detergent lubricant for pneumatic tools. Daily use will prolong air tool life and result in optimum performance. 4 oz. "drop-at-a-time" dispensing bottle.

#IST-ATO-4
\$5.00

email: info@irvansmith.com

Cleco Fasteners & Kits

Clecos are spring-loaded fasteners with a strong, durable steel plated body. Clecos temporarily hold the material in place until it is ready to be fastened permanently. Many car builders hang complete bodies with Clecos before they even use the first rivet.

Can be purchased individually or in kits.



Cleco Kits

1/8" Kit = (40) 1/8" Clecos + 1 tool
#CLE-1-8KIT
\$25.00

3/16" Kit = (36) 3/16" Clecos + 1 tool
#CLE-3-16KIT
\$25.00



Standard Clecos

The industry standard spring Cleco with a grip range of 0-1/4". Color coded for ease of use. The 1/8" and 3/16" are the most popular.

Part #	Description	Color	Price
CLE-3-32	3/32" dia., 0" to 1/4" Grip	Silver	\$0.75
CLE-5-32	5/32" dia., 0" to 1/4" Grip	Black	\$0.75
CLE-1-8	1/8" dia., 0" to 1/4" Grip	Copper	\$0.45
CLE-3-16	3/16" dia., 0" to 1/4" Grip	Brass	\$0.50
CLE-1-4	1/4" dia., 0" to 1/4" Grip	Copper	\$2.25

 Most Popular Sizes

L-Series Long Clecos 0-1/2" Grip Range

Designed for clamping longer workpieces. L-Series Clecos are the same as standard Clecos but have a grip range of 0-1/2".

Part #	Description	Color	Price
CLE-1-8L	1/8" dia., 0" to 1/2" Grip	Copper	\$0.90
CLE-3-16L	3/16" dia., 0" to 1/2" Grip	Brass	\$0.90

S-Series Stubby Clecos 0-1/4" Grip Range

S-Series Stubby Clecos feature a shorter overall body length and are intended for use where space is limited.



Part #	Description	Color	Price
CLE-1-8S	1/8" dia., 0" to 1/4" Grip	Copper	\$0.89
CLE-3-16S	3/16" dia., 0" to 1/4" Grip	Brass	\$0.89

Wing Nut Draw Clecos

These wing nut "Clecos" hold the two pieces of material together much more firmly than the spring loaded Clecos. Perfect for hanging fiberglass bodies. They draw your material up TIGHT.



Part No.	Description	Price
CLE-1-8W	1/8" dia., 0" to 1/2" Grip	\$2.75
CLE-1-8WL	1/8" dia., 0" to 1" Grip	\$3.25
CLE-3-16W	3/16" dia., 0" to 1/2" Grip	\$2.75
CLE-3-16WL	3/16" dia., 0" to 1" Grip	\$3.25
CLE-1-4W	1/4" dia., 0" to 1/2" Grip	\$4.00
CLE-1-4WL	1/4" dia., 0" to 1" Grip	\$4.50

Side Grip Clamps

Spring loaded grip used like a "C" Clamp where no holes are provided (i.e., on bonded, glued or laminated sheets).

Actuated with the same tool as Cleco
 0" to 3/4" capacity with 1" reach

#CLE-CSG-3-4X1
\$2.25 ea.

(Cleco Tool #CLE-0-131 \$7.00)



Handy-Clamp

Versatile tool used to clamp all kinds of materials because of its non-marring rubber clamping surface. Especially useful for bonding and gluing operations.



5/16" x 1 1/2" Handy-clamp

#CLE-C-2-W-2HC
\$4.75 ea.

Cleco Pliers



#CLE-0-131
\$7.00

(fits all Cleco fasteners)

Panel Fasteners

See Website for more options



Oval Head Buttons (Steel)		
PAN-6400B 7/16" dia.		\$1.10 ea.
PAN-6450B 7/16" dia.		\$1.10 ea.
PAN-6500B 7/16" dia. *		\$1.10 ea.
PAN-6550B 7/16" dia.		\$1.13 ea.
PAN-6600B 7/16" dia. *		\$1.13 ea.



Oval Head Buttons (Aluminum)		
PAN-6450A 7/16" dia.		\$1.37 ea.
PAN-6500A 7/16" dia.		\$1.37 ea.
PAN-6600A 7/16" dia.		\$1.40 ea.



Winged Oval Head Buttons (Steel)		
PAN-6450WB 7/16" dia.		\$1.62 ea.
PAN-6500WB 7/16" dia.		\$1.62 ea.
PAN-6550WB 7/16" dia.		\$1.65 ea.
PAN-6600WB 7/16" dia.		\$1.65 ea.



Flush Head Button (Steel)		
PAN-6500FB 7/16" dia.		\$1.10 ea.
PAN-6600FB 7/16" dia.		\$1.15 ea.



Flush Self Ejecting (Steel)		
PAN-5400E 5/16" dia.		\$2.35 ea.
PAN-5500E 5/16" dia.		\$2.35 ea.
PAN-5550E 5/16" dia.		\$2.38 ea.
PAN-6500E 7/16" dia.		\$2.42 ea.
PAN-6550E 7/16" dia.		\$2.42 ea.



Winged Self Ejecting (Steel)		
PAN-5500EW 5/16" dia.		\$2.91 ea.
PAN-5550EW 5/16" dia.		\$2.95 ea.



Springs		
PAN-5275SP-1"		\$.55 ea.
PAN-5325SP-1"		\$.55 ea.
PAN-6275SP-1 3/8"		\$.55 ea.
PAN-6375SP-1 3/8" *		\$.55 ea.
PAN-6425SP-1 3/8"		\$.55 ea.

* Most popular size: 500:600 buttons and 6375SP springs

Panel Fastener Plates



A - Flat
#PAN-A-PLATE
1" - \$.50 ea.



B - Beveled
#PAN-B-PLATE
1 3/8" - \$.50 ea.



C - Flat
#PAN-C-PLATE
1 3/8" - \$.50 ea.



D - Beveled Lightweight
#PAN-D-PLATE
1 3/8" - \$.50 ea.

Panel Fastener Guide

Button Length	Spring Number				
	5275SP	5325SP	6275SP	6375SP	6425SP
_400	.149-.184	.099-.134	.156-.199	.056-.099	.006-.049
_450	.199-.234	.149-.184	.206-.249	.106-.149	.056-.099
_500	.249-.284	.199-.234	.256-.299	.156-.199	.106-.149
_550	.299-.332	.249-.282	.306-.349	.206-.249	.156-.199
_600	.349-.384	.299-.334	.356-.399	.256-.299	.206-.249
_650	.399-.432	.349-.382	.406-.449	.306-.349	.256-.299

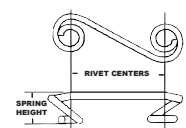
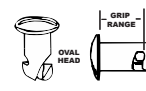
Use the table to determine the spring and button you need for a particular job.

Step 1: Determine the total thickness of the material the button will go through.

Step 2: If you have a button, find its length in the left column of the chart. If you don't have a button or a preference, use the _500 length button, and look under the spring column until you find your needed thickness.

Example: The total material measures .175" thick and the button length is _500. In the button length column find _500. Then go to the right until you find a range where .175" would be included, which is .156-.199. By looking at the very top of that particular column for a _500 length button going through material thickness .175", you would need to order a 6375SP spring.

* For more tips on Panel Fasteners visit www.IrvanSmith.com



Spring Adjustment Tool



Panelfast's Panel Fastener Spring Adjustment Tool is the right tool to pull the spring evenly when you need to make an adjustment.

#PAN-7602
\$44.95

Threadsert Tool Kit

Model #39213 Threadsert Nut Kit contains the threadsetter tool in a molded plastic case with aluminum threadserts 10 each: 6-32, 8-32, 10-24, 10-32, 1/4-20 & 6 each: 5/16-18 & 3/8-16. Also includes Mandrels, Nosepieces, Wrench & Instructions.



#NUT-200-TSK
\$85.00



Replacement Threadserts sold in packs of 25

Part No.	Description	Price
NUT-47210	6-32 Aluminum Threadsert pkg 25	\$5.00
NUT-47221	8-32 Aluminum Threadsert pkg 25	\$7.50
NUT-47230	10-24 Aluminum Threadsert pkg 25	\$5.50
NUT-47240	10-32 Aluminum Threadsert pkg 25	\$5.50
NUT-47250	1/4-20 Aluminum Threadsert pkg 25	\$7.00
NUT-47271	5/16-18 Aluminum Threadsert pkg 25	\$12.50
NUT-47281	3/8-16 Aluminum Threadsert pkg 25	\$14.00

24" Electric Bead Roller

The electric motor takes the work out of improving both strength and appearance of panels made of aluminum, steel and other materials.

The foot control allows both hands to guide the material, therefore it is a one man operation.

The electric motor is reversible and has a variable speed feature.

Throat depth available in 24 inch

- Width of throat accepts up to a 1 1/4" bend
- 1 1/4" radius for efficient design
- 1/4" bead in 16 ga. aluminum or 20 ga steel
- Mounts in bench vise or an optional adjustable stand which can be purchased
- 20' power cord
- 10' control cord
- 1/4" round bead mandrels included

#ISO-EBR-24
\$695.00

(Stand & Mandrel rack sold separately)



Bead Roller Stand

- For electric model only.
- Adjustable height.
- Comes unpainted and welding is required when shipped.

Assembled & Painted
#ISO-EBR-1920
\$85.00

Unassembled & Unpainted
#ISO-EBR-1920S
\$65.00



Mandrel Rack

Holds up to 10 sets of mandrels. Bolts onto the electric bead roller stand

#ISO-EBR-1711
\$60.00



24" Manual Bead Roller



The manual bead roller has a depth of 24". Mounts in bench vise.

- 1 1/4" radius for efficient design
- 1/4" bead in 20 ga. steel or 16 ga. aluminum
- Width of throat accepts up to 1 1/4" bend
- Includes 1/4" round bead mandrels
- Can be converted to electric with changeover kit

#ISO-MBR-24
\$395.00

Electric Changeover Kit

Kit includes: Motor, wiring, guard, foot pedal, other necessary hardware and instructions.

#ISO-MBR-110
\$375.00



Accessories

Replacement Motor
#ISO-BR-1LRA7
\$275.00



Replacement
Foot Pedal
#ISO-FC110
\$25.00

Replacement Guard
#ISO-BR-G1222
\$40.00



Replacement Gears
#ISO-BR-S1236
\$75.00 pr.



Bead Roll Mandrels



3/8" Flat Bead 1/4" Round Bead Step Roll 1/2" Diamond Bead

All Mandrels fit 7/8" shafts on 3" centers

Part	Description	Price per Set
IS0-BRM-125	1/8" Round Bead	\$60.00
IS0-BRM-250	1/4" Round Bead	\$60.00
IS0-BRM-500	1/2" Round Bead	\$60.00
IS0-BRM-750	3/4" Round Bead	\$60.00
IS0-BRM-1000	1" Round Bead	\$60.00
IS0-BRS-050	.050 Step Mandrels	\$50.00
IS0-BRS-080	.080 Step Mandrels	\$50.00
IS0-BRS-110	.110 Step Mandrels	\$50.00
IS0-BRS-250	.250 Step Mandrels	\$85.00
IS0-BRF-250	1/4" Flat Bead	\$60.00
IS0-BRF-375	3/8" Flat Bead	\$60.00
IS0-BRF-500	1/2" Flat Bead	\$60.00
IS0-BAJ-500D	1/2" Diamond Bead	\$60.00
IS0-BFF-500	Fender Flare Roll	\$60.00
IS0-BRB-3-000	Blank Mandrel 3"ODX3"OD	\$35.00
IS0-BRB-3-250	Blank Mandrel 3"ODX3 1/4"OD	\$35.00
IS0-PGM-1500	Pipe Bead Mandrels	\$100.00



Round Bead



Flat Bead



Step Bead



Diamond Bead



Blank Mandrel
(Make your own mandrel)



Fender Flare Roll

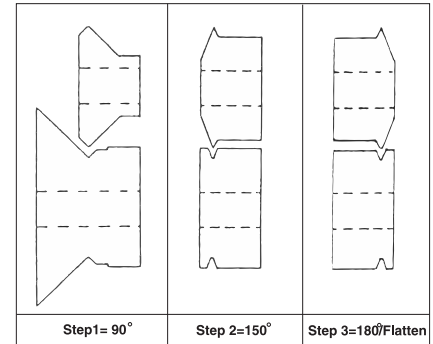
Pipe Bead Mandrel: For Grooving pipe to keep water hose from slipping off.
1 1/2" or larger pipe

Hem Roll Mandrels

- Dress up sharp edges (wheel well openings)
- Work on curved or straight edges
- Capacity: .040 Aluminum, 20 ga. Steel
- Does not mar prepainted aluminum
- Turns approx. 1/4" hem
- Put the professional touch to your work.



#IS0-HEM-180
\$140.00 set
(4 pc. set)



"E-Z" Edger

Turns a 7/32" flange on wheel well openings and other straight or curved edges. No gauge to set. Hand clamps to any bench.

Capacity - 20 gauge and lighter material. Turns a 7/32" flange on a radius as small as 1 3/4".
Shipping Weight - 28 lbs.

#FLA-EZ-1
\$745.00



Bead Form Tool



This hand tool quickly forms a bead on tubing to retain pressure hoses. Ideal for radiator hose or fuel lines.

#LOW-BDFM
\$429.00

Shrinkers/Stretchers

Shrinker/Stretchers

Small, portable and light-weight, bolted to your work-bench or stand, the shrinker and stretcher can be used to form up to 16 ga aluminum, 18 ga mild steel or 20 ga stainless steel, bending a radius as small as three inches. They are ideal for making wheel wells, air cleaner shrouds, radiator shrouds and many otherwise hard to form shapes.

- Made with ductile iron
- Shrinks metal for inside angles
- Stretches metal for outside angles
- 45 to 1 powerful press leverage
- Mounts on bench, stand or in vise
- Specially hardened jaws reversible for double the life
- 10 lbs each
- 18 ga. soft steel capacity
- 20 ga. stainless capacity
- 16 ga. aluminum capacity

Combo
1 Body w/ 2 Jaws
\$275.00

Units Also Sold Separately - **\$180.00 ea.**
Replacement Jaws - **\$71.00**



2 Complete Units
#SHT-009-SHR-STR
\$360.00 pair

Shrinker/Stretchers Stand

- 30 1/4" tall
- Holds both units and handles
- Powder Coated

#SHT-1920
\$70.00



Foot Operated Shrinker/Stretchers Stand

- Holds & operates both units
- Allows both hands to hold large panels
- Easily converts to use with handles
- Powder Coated
- Shrinker/Stretchers sold separately

#SHT-FC1920
\$295.00



Shrinker/Stretchers not included

Hand Shrinker

Also known as a crimper, shrinks sheet metal by creating a wavy edge pattern. Excellent utility tool for shrinking in those tight spots.

#1ST-C5
\$29.00



ECKOLD

Eckold Handformer

Eckold is world renowned for making quality metal working tools. The Eckold Handformers are shrinkers and stretchers that are invaluable tools for any serious metal craftsman.

Price	\$4,100.00
Specifications & Capacity	SHT-HF100K
Reach	4"
Gap	2.25"
Adjustable working Height	33.75" to 44.5"
Steel cap.	0.059"
Aluminum cap.	0.078"
Stainless Steel cap.	0.039"
Weight	67 lbs.

Shrinker Jaw
Replacement Set
#SHT-426M
\$165.00

Stretcher Jaw
Replacement Set
#SHT-436M
\$165.00

SHT-HF100K



Plate Shears

Enco

Cuts both plate and round stock.

This shear is a great addition to any fab shop. Ever have to cut a piece of flat iron that was too long for your vertical band saw? Don't have a vertical band saw? This is the tool for you. Slices through that 1/8 inch flat bar that all racers use to build their cars. Clean, quiet, inexpensive, and fast.

Model	Cap. Round	Capacity Flat Bar	Blade	Wt Lbs.	Price
ENC-130-5705	3/8"	2-3/4"x3/16"	5"	20	\$75.00
ENC-130-5710	3/8"	2-3/4"x1/4"	6"	40	\$85.00
ENC-130-5715	7/16"	2-3/4"x1/4"	8"	54	\$100.00
ENC-130-5700	7/16"	2-3/4"x1/4"	12"	100	\$135.00

Beverly Shear

Height Less								Lower Blade	Length	
Part No.	Model	Capacity	Weight	Handle	Handle	Width	Depth	Length	of Cut	Price
BEV-B-1	Model B1	14 ga. mild; 18 ga. SS	18 lbs	14"	18"	7"	9"	4 1/4"	3"	\$568.00
BEV-B-2	Model B2	10 ga. mild; 14 ga. SS	35 lbs	15"	24"	9"	10"	4 3/8"	3 1/8"	\$792.00
BEV-B-3	Model B3	3/16" mild; 10 ga. SS	58 lbs	15"	30"	9"	14"	5 5/8"	4 1/4"	\$1,145.00

Throatless Shears let you turn your work at any angle for straight, curved, even irregular cuts with ease and accuracy. Also means unlimited length of cut. Geared rack and pinion makes heavy metal cutting easy. Upper and lower blades are positioned to provide a clean, knurl-free cut, regardless of material. All models are equipped with high carbon, high chrome blades which can be replaced! Made in U.S.A.

The top Nascar Cup fabricators use this shear to cut everything from Lexan and stainless steel radiator screen, to stainless steel braided hose and thin aluminum crush panels. Very versatile and no shop should be without one.

Powered Pneumatic Beverly Shears available. Call for pricing and availability.

Replacement Blades

Part No.	Model	Price
BEV-B-1 BLADE	Model B1	\$97.00
BEV-B-2 BLADE	Model B2	\$125.00
BEV-B-3 BLADE	Model B3	\$175.00



Optional Stand

Designed to accommodate any Beverly hand-operated shear. Provides a safe, rigid, and very accessible base. All steel, welded construction.

Weight 17 lbs.
Height overall 30"
Table Top 5" x 8"
Floor Space Required 18" x 28.5"

Optional Stand
#BEV-1920
\$135.00

Manufactured by ISI



Precision Aviation Snips

- Double-cam-action construction
- Designed for precision cutting
- Cuts circles, squares, and irregular patterns in all metals.
- Made in USA

KLENKS

Red (LH)
#IST-KJ-1
\$29.00



Green (RH)
#IST-KJ-2
\$29.00

Yellow (Straight)
#IST-KJ-3
\$29.00



Offset Snips



Offset - Red (LH)
#IST-KOS-1
\$35.00

Offset - Green (RH)
#IST-KOS-2
\$35.00



Nibbler Tool

- Cuts soft sheet metal up to 18-ga.
- Plastic, soft copper and aluminum up to 1/16"
- Tubing from 1" I.D. with a squeeze of the handle.

Ideal for sheet metal fabricating.
This is the tool you need to make a round hole square.



#IST-76011B
\$36.00

Replacement Blade
#IST-76012B
\$18.00

Aluminum Snips



#IST-MC14N
\$40.00

Strong and lightweight aluminum handles with inlaid steel blades. Perfect for cutting sheet metal, aluminum, and vinyl. These snips make very straight cuts with clean, crisp, exact edges.

Replacement Blades
#IST-MC14NB
\$18.00

Portable Power Shears



Double-Cut Shears



- Variable Speed
- Cuts C.R. mild steel 18 gauge and lighter, most grades of stainless steel to 20 gauge
- Cuts up to 180 inches per minute
- With the 7/32" waste strip, you get a clean burr free cut
- 5.0 amp pistol grip, single speed, 2500 RPM motor
- Lightweight and easily maneuverable. Can cut a 6" radius
- Replaceable A-2 tool steel shear blades
- Weight 4 lbs, Overall length 14"

#IST-KD-400
\$240.00

Replacement Blade Kit
#IST-K102
\$38.50

Profile Shears



Right
#IST-KD-446R
\$330.00

Left
#IST-KD-446L
\$330.00

- Cuts C.R. mild steel 18 gauge and lighter, wire mesh to 18 gauge, spiral pipe, metal studs and corrugated metal
- Creates an "edge sealing" effect and eliminates kerf and waste material
- 5.0 amp pistol grip, variable speed, 2500 RPM motor
- Extremely maneuverable and versatile, can cut tight curves
- Replaceable A-2 tool steel shear blades
- Weight 5 lbs, Overall length 15"

Hand Seamers

These hand seamers or hand brakes are a must for any sheet metal fabricator's tool box.



Straight 3" Wide
#IST-S2
\$42.00



Offset 3" Wide
#IST-S3
\$45.00



Straight 6" Wide
#IST-S6
\$60.00

Notchers

RW Roper Whitney Corner Notcher

Notches up to 1" deep
Max capacity 20 ga. mild steel



#ROP-541A
\$150.00

4 Ton Hand Notcher

- Notch any shearable material
- Easy to Read
- Front Gauge
- Heavy Duty Blade

Enco

Specifications

Capacity 4 tons
Material
Mild 16 ga.
Stainless 20 ga.
Max Notch 6"x6"x90°
Stroke 3/4"
Table Size 17"x12"
Weight 235 lbs

#ENC-130-5110
\$456.28

Stand

#ENC-130-5115
\$206.35

Wt. 90 lbs.



TENNSMITH
A Family Tradition Since 1928.

Tennsmith Model 16-18 Notcher

The TENNSMITH notcher, Model 16-18, is a versatile, heavy-duty bench tool for shearing, notching and piercing work. Notches of more than 90 degrees can be accomplished in two operations. The upper blades can be reversed for a "nose to heel" cutting action; and the ram stroke can be controlled by means of two set screws to permit limited throat piercing and knockout operations.

Specifications

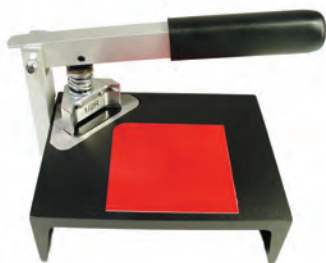
Mild Steel, notching . . 16 ga.
Mild Steel, piercing . . 18 ga.
Max Notch 6"x6"x90°
Dimensions, no handles . 19"x18"x15"
Weight 170 lbs

#TEN-16-18
\$895.00

#TEN-16-18-STAND
\$295.00



Accucutter Notchers



Notcher Table
#ACC-CM40A
\$99.00

Table and Cutting Units sold separately.

The Accucutter® Cornermate Series is the new standard for cutting corners, holes and slots. There are over thirty interchangeable cutting units from 1/8" to 1". All units are precision engineered and manufactured from the finest materials and will produce flat, crisp shapes in flexible plastic, aluminum, brass and many other materials. Each cutting unit has the material guides machined into the body of the unit so the location of the cut is always the same.

To use, the cutting unit is placed in a machined recess in the table, the material is inserted into the cutting unit, and the handle is squeezed. It is that simple and that quick!

Cornermate Capacity

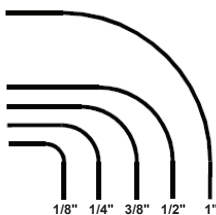
- Aluminum - .040"
- Half Hard Brass - .025"
- Flexible Plastic - .125"
- Brass Plated Steel - .015"

New Cornermate table the CM40 Special requires one half of the effort of the standard CM40 table.



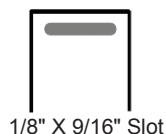
Round Style Cutting Units

Part No.	Price
ACC-18R	\$94.00
ACC-316R	\$94.00
ACC-14R	\$94.00
ACC-516R	\$94.00
ACC-38R	\$94.00
ACC-12R	\$94.00
ACC-34R	\$135.00
ACC-100R	\$135.00



Slot Style Cutting Units

Part No.	Price
ACC-SLT	\$99.00



1/8" X 9/16" Slot

Chamfer Style Cutting Units

Part No.	Price
ACC-14C	\$94.00
ACC-38C	\$94.00



1/4" 3/8"

Hole Punch Style Cutting Units

Part No.	Price
ACC-332H	\$99.00
ACC-18H	\$99.00
ACC-316H	\$99.00



Notch Style Cutting Units

Part No.	Price
ACC-18N	\$94.00
ACC-316N	\$94.00
ACC-14N	\$94.00
ACC-38N	\$94.00
ACC-12N	\$94.00
ACC-34N	\$135.00
ACC-100N	\$135.00



1/8" 1/4" 3/8" 1/2"



Reduced Effort Notcher Table
#ACC-CM40SPCL
\$149.00

Table and Cutting Units sold separately.

English Wheels



Optional 1" radius anvil
(2" wide) \$98.00

Floor Model

- 44" welded machine
- Frame mounted on 3" casters for mobility
- Storage for anvil wheels
- Upper wheel is 8" dia. x 3" wide
- Anvil wheel is adjustable for throwing a flange and truing, etc.
- Includes: 6 anvil wheels with radii - 2.5", 3.75", 6.0", 12.0", 24.0" & Flat
- Upper wheel and anvils made from 1045 alloy steel and polished to a 63 finish
- Capacity: 18 ga. steel, 1/8" aluminum

#EGW-F044
\$2895.00

U-Weld-It Kit



#EGW-U044
\$1695.00

- All of the critical components of our floor model machine are supplied. You provide the metal for the frame.
- Use frame and assembly specifications in the supplied instruction booklet or use your own design!
- Features and capabilities are the same as the floor model unit.
- Includes 6 radius anvils
- **YOU SUPPLY** Steel Tubing
- Welding required
- Ships UPS 2 boxes 45 lbs ea.

Bench Model

- Economical
 - Deep 22" throat & 2" wide anvils allow using a 44" panel.
 - Used for motorcycle gas tanks to race car body parts
 - Can be bolted permanently to any bench or clamped to a vise.
- Shipping Weight 67 lbs
Comes with 3 1/4" anvil

Optional Anvils
(Flat, 1.0", 2.5", 3.25", 5.0", or 8.5")
\$98.00 ea.



#EGW-B022
\$695.00

Quickshaper Mark II

- A multitask English wheel
- 32" throat English wheel
- Upper wheel and anvil can be turned 90°

Uses include:

- Hammering / Blocking
- Wheeling and raising metal panels
- Shrinking or stretching
- Planishing
- Comes with 6 anvils, 1 shrinker/stretcher combo unit, 1 forming head, 2 3/4 plastic mallet, 2 3/4 hickory mallet, flat wood slapper, 12" shot bag (unfilled) and DVD



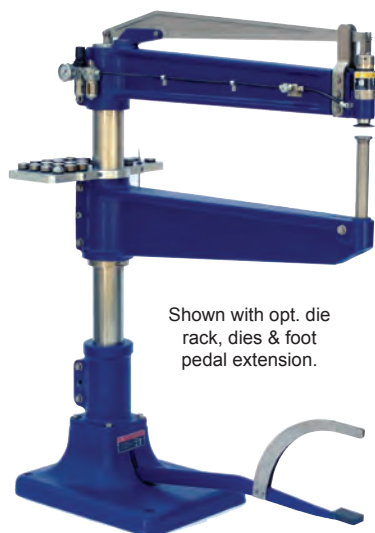
Quickshaper™ Mark II
#FOU-FQSM2
\$4650.00

#FOU-FQSM2-06 Opt. Edging Anvil **\$99.00**
#FOU-FQSM2-07 Opt. Deep Reach Anvil **\$99.00**

Planishing Hammers

Proline Planishing Hammers

ProLine Planishing Hammers are designed for forming or planishing light gauge sheet metal shapes.



Shown with opt. die rack, dies & foot pedal extension.

- Finest grade cast iron frame.
- Air regulator with lubricator.
- 12-point Grade 8 bolts used throughout.
- Fine air control knob for easy operator adjustment.
- Optional die set available

#CCE-050096 24" Throat
\$8295.00

#CCE-050095 36" Throat
\$12,345.00

Special Order Only

Handheld Set includes:

- 10 1/2 x 11 1/2 Cast aluminum yoke
- Storage case
- Dead blow hammer
- Rubber top die
- Linear stretch die
- 9" R Bottom die
- Parts Box

#CCE-060007 Handheld
\$3195.00



Made In The USA

Metal Shaping

T-Dollies

Form flanges and edges easily with these handy T-Dollies. Available in straight or curved models for those hard to form parts. Can be used with hammers or slappers. T-Dollies can be hand-held or placed in a vice.



Part No.	Description	Price
FOU-TPA5518	sm. 1/2" dia. x 4"	\$25.95
FOU-TPA5519	med. 3/4" dia. x 6"	\$31.50
FOU-TPA5520	lg. 1" dia. x 8"	\$32.50
FOU-HTD00	1" dia. x 3 1/4"	\$29.00
FOU-FCTD01	Gentle Curve	\$49.50
FOU-FCTD02	Crescent Curve	\$46.50
FOU-FCTD03	Slope Curve	\$47.50

Forming Head

This Forming Head is made from cast iron. Use it as cast or give it a quick finish with your sander. This can be used in the Metal Shaping Station or a vice to form simple and complex shapes. Approx. weight is 20 lbs.



Part No.	Description	Size	Price
FOU-MFH09	Classic Bowl	7" x 2"	\$139.00

Metal Shaping DVD



In this DVD, Ron Fournier explains his technique of blocking and smoothing aluminum parts using shot bags, mallets, forming heads, and slappers. Final smoothing is demonstrated on an English Wheel. A variety of shapes are made including: a bowl, teardrop, and motorcycle fender. Also, forming a section patch panel for a sports car fender using a buck is demonstrated. Thorough explanation of the tools and equipment used to form .050" aluminum and .063" aluminum makes this DVD a must have for any fabricator.



#EGW-BSD00 \$35.00

Run Time: Approximately 90 Minutes

Wood Slappers



Made from top quality hard maple and lined with top grade leather on the face to eliminate marring of the metal. Available in 4 different shapes: flat, gentle, curved and round.

Part No.	Description	Price
FOU-FFS01	Flat slapper	\$49.00
FOU-GFS01	Gentle slapper	\$49.00
FOU-CFS01	Curved slapper	\$49.00
FOU-RBS01	Round slapper	\$58.00
FOU-RLF01	Repl. Leather face	\$15.00

Leather Panel Beater Bags

Stretch metal without nicks or gouges with these 6" or 18" round beater bag. The filled bag absorbs the hammer blows as you pound the sheet metal for a smooth finish. The 18" uses approx. 75 lbs of #9 lead shot that can be purchased at your local sporting goods stores.



Part No.	Description	Price
EGW-600	6" Bag	\$20.00
EGW-1200	12" Bag	\$33.00
EGW-1800	18" Bag	\$53.00

Super Plastic Mallets

Polyethylene head, hardwood handle with brass wedge. Eliminates marring. Long life, split resistant.



#EGW-TPA5524 (2 1/2" dia. Bossing) \$35.00



#EGW-TPA5554 (2" dia. Doming) \$30.00

Punch & Flare



Just drill a pilot hole for the draw bolt, then apply the tool and tighten the bolt for a smooth, flared hole in one easy step. Can also be used as a hole punch.
Flare grows hole by 1/8".



Made in the USA by



Material Thickness Range:

Aluminum 18 ga. (.040") to 14 ga. (.062")

Mild Steel 19 ga. (.040") to 16 ga. (.062")

Stainless Steel 19 ga. (.040")

Part No.	Description	Price
MBR-1300-402	Set of 6 sizes 1" to 2 1/2"	\$685.00
MBR-1300-013	1"	\$110.00
MBR-1300-014	1-1/4"	\$110.00
MBR-1300-015	1-1/2"	\$125.00
MBR-1300-016	1-3/4"	\$125.00
MBR-1300-017	2"	\$135.00
MBR-1300-018	2-1/2"	\$135.00
MBR-1300-020*	3"	\$150.00

* Not Included in 6 piece set.

Knockout Punches



- Top of the line punches
- Production Quality
- Can be used manually or in a press
- Smooth operation with thrust bearing design.
- Sizes are actual Hole Size

Part No.	Size	Ga. Cap.	Price	Part No.	Size	Ga. Cap.	Price
IS1-HP-0500	1/2"	16	\$55.00	IS1-HP-1875	1 7/8"	10	\$140.00
IS1-HP-0625	5/8"	16	\$53.00	IS1-HP-2000	2"	10	\$145.00
IS1-HP-075	3/4"	14	\$50.00	IS1-HP-2125	2 1/8"	10	\$150.00
IS1-HP-08125	13/16"	14	\$55.00	IS1-HP-2250	2 1/4"	10	\$170.00
IS1-HP-0875	7/8"	10	\$50.00	IS1-HP-2375	2 3/8"	10	\$145.00
IS1-HP-09375	15/16"	14	\$60.00	IS1-HP-2500	2 1/2"	10	\$240.00
IS1-HP-1000	1"	14	\$60.00	IS1-HP-2625	2 5/8"	10	\$330.00
IS1-HP-1125	1 1/8"	14	\$65.00	IS1-HP-2750	2 3/4"	10	\$330.00
IS1-HP-1250	1 1/4"	16	\$95.00	IS1-HP-3000	3"	10	\$440.00
IS1-HP-1313	1 5/16"	16	\$60.00	IS1-HP-3500	3 1/2"	10	\$330.00
IS1-HP-1375	1 3/8"	10	\$85.00	IS1-HP-3750	3 3/4"	10	\$750.00
IS1-HP-1500	1 1/2"	10	\$100.00	IS1-HP-4000	4"	10	\$575.00
IS1-HP-1625	1 5/8"	10	\$110.00	IS1-HP-4500	4 1/2"	10	\$750.00
IS1-HP-1750	1 3/4"	10	\$120.00				

Hole Flare



Flare tool guide ring centers tooling in your precut hole then draw together with supply bolt.

- Adds strength
- Enhanced appearance
- Flare grows hole by 1/8"
- Max. Capacity: .063" Mild Steel & 4130 Chrome Molly



Made in the USA by



Part No.	Desc	Price
MBR-1300-401	Set of all 9 pieces	\$350.00
MBR-1300-001	1/2"	\$45.00
MBR-1300-002	5/8"	\$45.00
MBR-1300-003	3/4"	\$45.00
MBR-1300-004	1"	\$45.00
MBR-1300-005	1-1/4"	\$45.00
MBR-1300-006	1-1/2"	\$50.00
MBR-1300-007	1-3/4"	\$50.00
MBR-1300-008	2"	\$50.00
MBR-1300-009	2-1/2"	\$50.00

Klein Unibit Step Drill Bits



Perfect for drilling multiple size holes in thin sections of metal, plastic and wood using a single bit. Each Klein Unibit does the work of many drill bit sizes. Drills round holes in most metals up to 1/8" thick as well as plastic and wood. No center punching or pilot hole drilling is required on most sizes. The bits are easy to keep sharp, and hole size is easily determined by the diameter of the markings that are permanently laser-etched in the flute areas.

Part No.	# Hole Sizes	Increments	Size Range	Pilot Hole Req'd	Drill Size	Price
IST-59001	13	1/32"	1/8" to 1/2"	No	1/4" & Up	\$28.00
IST-59002	8	1/16"	9/16" to 1"	Yes, 1/2" & Up	1/2" & Up	\$56.00
IST-59003	9	1/16"	1/4" to 3/4"	No	3/8" & Up	\$48.00
IST-59005	6	1/16"	3/16" to 1/2"	No	1/4" & Up	\$28.00

No. 5 Jr Hand Punch Kit



#ROP-NO5-JR
\$79.00

Kit includes: tool & one 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" & 9/32" round punch & die in plastic box. Throat Depth = 1 3/4".

Optional Bench Mount
#ROP-NO-5-BASE
\$29.00

RW Roper Whitney

Light Duty Portable Punches are for limited punching power (1.2 tons or less). They're easy to carry in the pocket, on a belt or in a tool box. Hardened machined bearing surfaces are used in these tools to provide dependable long life within the rated capacity.

- Maximum rated capacity 1.2 tons
- Smallest available
- Hand operation
- Adjustable stop gauge

Optional Punches Sold Separately
Type O Type M Type N Type P Type R Type S Type T Type D
Call For Pricing

Made In The USA

See Website for more Products

No. XX Punch Kit



#ROP-NO-XX-KIT
\$249.00

No. XX Kit includes: tool & one 5/32", 7/32", 9/32", 11/32", 13/32", 15/32", 17/32" round punch & die in plastic box. Throat Depth = 3 1/2".

Optional Bench Mount
#ROP-NO-XX-BASE
\$39.00

No. 218 Bench Punch

This accurate punch is ideal for prototype, short production runs and model shops. The adjustable die shoe permits the proper alignment of close fitting punches and dies to accommodate very thin materials, as well as heavier stock. Optional cabinet base, and a 12" square gauge work table to extend the usefulness of the punch is available.

- Maximum Rated Capacity: 4 tons
- Linear Hand Operation
- Deep Throat (Punch holes up to 12" from edge of material)
- Work Heavy to Ultra Light Materials
- Comes with 1/2" round punch - other punches sold separately

#ROP-131012180
\$1495.00
Optional Cabinet
#ROP-139001180
\$500.00



Heavy Duty Circle Cutter

Features:

- Cut 1" to 6" circles in sheet metal, composites, wood, and other materials.
- Features a 3/8" chucking shank for use in a drill press.
- Max recommended speed is 500 RPM
- Comes complete with a 1/4" dia. high speed steel pilot drill.
- Made in the USA



#IST-BAT-5B
\$20.95

No. 16 Bench Punch

Medium Duty Bench Punch provides greater throat dimensions and a slightly broader range of punch and die sizes.

The No. 16 has a solid forged frame. The punch has adjustable dies shoes to permit the proper alignment of close fitting punches and dies to punch light gauge materials. It has the option of a removable 6"x8" work table with stops to position materials in the tool.

- Maximum Rated Capacity: 7.3 tons
- Linear Roller Bearing Cam Operation
- Standard Throat 3 1/4" Deep
- Works great on Spring Steel

#ROP-131020160
\$495.00

Optional Work Table
#ROP-137020160
\$79.00



WORKS GREAT ON SPRING STEEL!

Optional Punches Sold Separately

Type O Type M Type N Type P Type R Type S Type T Type D

Call For Pricing

RotaCut Hole Cutter

Packaged in a heavy duty fitted plastic case. RotaCut cutters produce clean, burr free, round holes without deforming the surrounding material.

Made in the USA!

Standard Kit
7 Sizes 5/16"-3/4"
#IST-11075
\$89.00

Large Hole Kit
6 Sizes 7/8"-1-1/2"
#IST-11078
\$199.00

Master Hole Kit
16 Sizes 1/4"-3/4"
#IST-11085
\$209.00

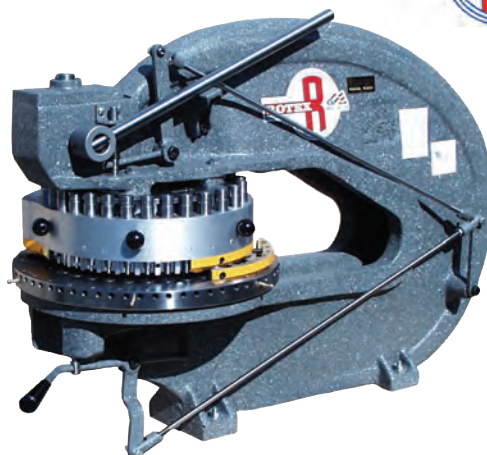


Replacement cutters also available

Used Rotex Punch Models 18 & 20

Rotex Punch is no longer offering new turret punches. Irvan-Smith, Inc. acquires used Rotex Punches when they are available.

We refurbish the punch, add a new set of punches & dies and make them almost as good as new.



**TRUCK
FREIGHT ONLY**

New Stand by ISI
#ROT-1001
\$350.00



If you have a Rotex Punch and need a stand, Irvan-Smith, Inc. manufactures new stands specifically for the Rotex Punches.

- Heavy Duty
- Powder Coated
- Casters
- Tool Tray

Call for current availability & pricing

Uni-Hydro Ironworkers

Uni-Hydro
IRONWORKERS

Features

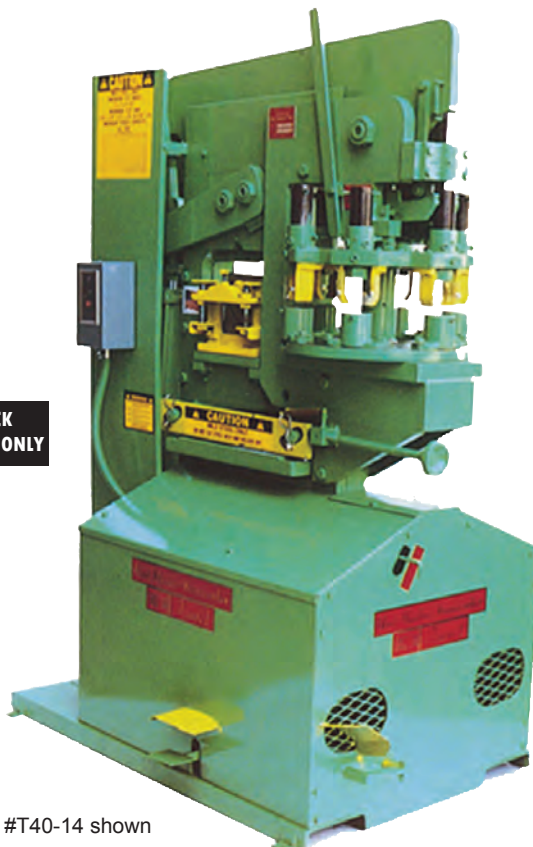
- Manual Punch Aligner (Model 42-14 & N42-14)
- 6" Open Throat Punch with 42 Tons of Punching Power
- Power Cavity Accommodates Various Tooling
- Fixed or Adjustable Bar Shear Holddown
- Forklift Accommodations
- Magnetic Starter for Safety and Reliability
- Variable Stroke control
- Built-In Square Notcher (Model N42-14 Only)
- One Year Warranty on 14" Bar Shear Blades
- Low Rake on Bar Shear for Excellent Cut
- 14" Bar Shear with 4-sided blades

**TRUCK
FREIGHT ONLY**

Optional Tooling

- **PUNCH STATION**
Square notcher
Coper notcher
Pipe notcher
Brake: 6"
- **POWER CAVITY**
Square notcher
Coper notcher
Brake: 6" or 9"
Angle shear
Channel shear
Rod shear (Round or square)
Z & T shear

Model #T40-14 shown



Call for current pricing

SPECIFICATIONS	MODEL
	42-14, 42-14SLS, N42-14
Throat Depth	6"
	42 Ton
Punch	1-1/16" in 1/2"
	1-3/8" hole in 3/8"
Bar Shear	3/8" x 1/4", 1/2" x 10", 5/8" x 6"
Angle Shear 90°	
Slug Type	
Standard Blade	3" x 3" x 3/8"
Special Blade	3" x 3" x 3/8"
Sever Cut	3" x 3" x 1/4"
Mitre Angle 90°	
Bar Shear	3" x 3" x 5/16"
Slug Type	2" x 2" x 5/16"
Channel Shear	2" or 3" standard
Rod Shear	
Round (Max)	3/4"
Square (Max)	3/4"
Coper Notcher 90°	For 3" x 3" x 1/4" Angle
Square Notcher	1-3/4" x 2" x 1/4"
Built-in Square Notcher (4th Station) (N42-14 Only)	1-3/4" x 2" x 1/4"
Pipe Notcher	
Sch. 40 or 80	1/2", 3/4", 1", 1-1/4", 1-1/2"
Brake	6" or 9" x 1/4"
Stroke per minute	
Light Material	50
Maximum Capacity	9
Hydraulics	1000 PSI
Oil Capacity	15 qt
Motor	
Standard	3 HP, 3ph
Optional	3 HP, 1ph
Dimensions	
Width	28"
Length	34"
Height	60"
Bar Shear Working Height	29"
Punch Table top height	38-1/4"
Cavity table top height	37-1/2"
Notcher Station working height (N42-14)	22"
Weight (Net)	1300 lbs (N42-14)
	1240 lbs (42-14)
	1205 lbs (42-14SLS)

Punches & Dies for Rotex Punch



More sizes available
Go to www.IrvanSmith.com for our complete list
Custom sizes also available



Size	Round Punch		Round Die	
	Part #	Price	Part #	Price
1/16"	101-001	\$68.95	201-001	\$87.95
3/32"	101-003	\$51.95	201-003	\$63.95
1/8"	101-005	\$38.95	201-005	\$34.95
5/32"	101-007	\$38.95	201-007	\$34.95
3/16"	101-009	\$38.95	201-009	\$34.95
7/32"	101-011	\$38.95	201-011	\$34.95
1/4"	101-013	\$38.95	201-013	\$34.95
9/32"	101-015	\$38.95	201-015	\$34.95
5/32"	101-017	\$38.95	201-017	\$34.95
11/32"	101-019	\$38.95	201-019	\$34.95
3/8"	101-021	\$38.95	201-021	\$34.95
13/32"	101-023	\$38.95	201-023	\$34.95
7/16"	101-025	\$38.95	201-025	\$34.95
15/32"	101-027	\$38.95	201-027	\$34.95
1/2"	101-029	\$43.95	201-029	\$34.95
17/32"	101-031	\$43.95	201-031	\$44.95
9/16"	101-033	\$43.95	201-033	\$44.95
19/32"	101-035	\$43.95	201-035	\$44.95
5/8"	101-037	\$43.95	201-037	\$44.95
21/32"	101-039	\$43.95	201-039	\$48.95
11/16"	101-041	\$43.95	201-041	\$48.95
23/32"	101-043	\$43.95	201-043	\$48.95
3/4"	101-045	\$44.95	201-045	\$48.95
25/32"	101-047	\$44.95	201-047	\$50.95
13/16"	101-049	\$44.95	201-049	\$50.95
27/32"	101-051	\$44.95	201-051	\$50.95
7/8"	101-053	\$44.95	201-053	\$50.95
29/32"	101-055	\$45.95	201-055	\$61.95
15/16"	101-057	\$45.95	201-057	\$61.95
31/32"	101-059	\$45.95	201-059	\$61.95
1"	101-061	\$45.95	201-061	\$61.95
1 1/32"	101-063	\$48.95	201-063	\$63.95
1 1/16"	101-065	\$48.95	201-065	\$63.95
1 3/32"	101-067	\$48.95	201-067	\$63.95
1 1/8"	101-069	\$52.95	201-069	\$63.95
1 5/32"	101-071	\$52.95	201-071	\$67.95
1 3/16"	101-073	\$52.95	201-073	\$67.95
1 7/32"	101-075	\$52.95	201-075	\$67.95
1 1/4"	101-077	\$53.95	201-077	\$67.95
1 9/32"	101-079	\$53.95	201-079	\$75.95
1 5/16"	101-081	\$53.95	201-081	\$75.95
1 11/32"	101-083	\$53.95	201-083	\$75.95
1 3/8"	101-085	\$53.95	201-085	\$75.95
1 13/32"	101-087	\$57.95	201-087	\$75.95
1 7/16"	101-089	\$57.95	201-089	\$75.95
1 15/32"	101-091	\$57.95	201-091	\$75.95
1 1/2"	101-093	\$57.95	201-093	\$75.95
1 17/32"	101-095	\$59.95	201-095	\$80.95

Size	Round Punch		Round Die	
	Part #	Price	Part #	Price
1 9/16"	101-097	\$59.95	201-097	\$80.95
1 19/32"	101-099	\$59.95	201-099	\$80.95
1 5/8"	101-101	\$59.95	201-101	\$80.95
1 21/32"	101-103	\$60.95	201-103	\$80.95
1 11/16"	101-105	\$60.95	201-105	\$80.95
1 23/32"	101-107	\$60.95	201-107	\$80.95
1 3/4"	101-109	\$60.95	201-109	\$80.95
1 25/32"	101-111	\$62.95	201-111	\$80.95
1 13/16"	101-113	\$62.95	201-113	\$80.95
1 27/32"	101-115	\$62.95	201-115	\$80.95
1 7/8"	101-117	\$62.95	201-117	\$80.95
1 29/32"	101-119	\$68.95	201-119	\$80.95
1 15/16"	101-121	\$68.95	201-121	\$80.95
1 31/32"	101-123	\$68.95	201-123	\$80.95
2"	101-125	\$68.95	201-125	\$80.95
2 1/32"	101-127	\$71.95	201-127	\$80.95
2 1/16"	101-129	\$71.95	201-129	\$80.95
2 3/32"	101-131	\$71.95	201-131	\$80.95
2 1/8"	101-133	\$71.95	201-133	\$80.95
2 5/32"	101-135	\$80.95	201-135	\$91.95
2 3/16"	101-137	\$80.95	201-137	\$91.95
2 7/32"	101-139	\$80.95	201-139	\$91.95
2 1/4"	101-141	\$80.95	201-141	\$91.95
2 9/32"	101-143	\$103.95	201-143	\$103.95
2 5/16"	101-145	\$103.95	201-145	\$103.95
2 11/32"	101-146	\$103.95	201-146	\$103.95
2 7/16"	101-148	\$103.95	201-148	\$103.95
2 15/32"	101-150	\$103.95	201-150	\$103.95
2 1/2"	101-152	\$103.95	201-152	\$103.95
2 9/16"	101-156	\$103.95	201-156	\$103.95
2 5/8"	101-160	\$103.95	201-160	\$103.95
2 11/16"	101-164	\$103.95	201-164	\$103.95
2 3/4"	101-170	\$103.95	201-170	\$103.95
2 13/16"	101-174	\$109.95	201-174	\$103.95
2 7/8"	101-178	\$109.95	201-178	\$103.95
2 15/16"	101-182	\$109.95	201-182	\$103.95
3"	101-186	\$109.95	201-186	\$103.95
3 1/16"	101-190	\$109.95	201-190	\$103.95
3 1/8"	101-194	\$109.95	201-194	\$103.95
3 3/16"	101-198	\$109.95	201-198	\$103.95
3 1/4"	101-202	\$109.95	201-202	\$103.95
3 5/16"	101-206	\$109.95	201-206	\$120.95
3 3/8"	101-210	\$109.95	201-210	\$120.95
3 7/16"	101-214	\$109.95	201-214	\$120.95
3 1/2"	101-216	\$109.95	201-216	\$120.95
#10	104-010	\$44.95	204-012	\$44.95
#12	104-012	\$44.95	204-012	\$44.95
#30	104-030	\$44.95	204-030	\$44.95

1"x1/4" Oblong Punch & Die

#162-217

\$326.95

See Website for
more options

1"x5/16" Oblong Punch & Die

#162-283

\$326.95

All Punch & Dies
Aftermarket - Not OEM

Deburring Tools

Deburring Tool with Rosebud Bit

Permits quick deburring operations, accepts 1/4-28 threaded bits. The "rosebud" bit deburrs holes from 1/16" to 3/8". The 6 flute design reduces chattering.

#IST-6005-00525

\$25.00

Replacement Bits
#IST-00525 **\$8.00**



Rout-A-Burr

Deburring Tool

Use for internal and external deburring depending on blade position. Can rotate clockwise and counter-clockwise.

20 replacement blades included

#ENC-307-3332

\$22.50



Deburring & Countersink Set

Set of 5 82° Deburring and Countersink tools:

1/16", 5/32", 3/16", 5/16", 9/16"

#IST-820-082

\$35.00 set



Transfer Punch Set

Simple and effective way to mark the center of an existing hole onto a workpiece below. Perfect for the machinist or the sheet metal fabricator.

28 pc. set
#IST-250-028
\$18.00



Hole Finder



"Inverted" Bushing Style Hole Finder - Length: 13-1/2", Size: #10. Used to find hidden holes.

#IST-6002-5EL
\$12.50

Safety Wire & Pliers

Import Safety Wire Pliers

Automatic return, spring locking pliers used especially for turning safety wire into even twists. Import item.

6" O.A.L.
#SAF-006
\$29.95

9" O.A.L.
#SAF-009
\$29.95



Milbar Safety Wire Pliers

MILBAR - MADE IN THE USA by the leading Safety Wire Tool manufacturer, these Safety Wire Pliers feature a diagonal nose design and an automatic spring return with industry standard right hand twist. One year factory warranty. Made in the USA from the highest quality steel and machined to exacting standards. MILBAR pliers are the best in the industry. Choose 6" or 9" model.

6" O.A.L.
#SAF-11WS
\$96.95

9" O.A.L.
#SAF-1W393
\$99.95

Safety Wire

One pound size of corrosion resistant stainless steel safety wire in dispensing package. Wire uncoils from inside thru hole in top of dispenser. Avoids wild uncoiling, handles easier and faster. Sizes in .032 and .025 Comes in 1 lb. can

#SAF-025
\$15.00

#SAF-032
\$15.00



Safety Wire Drill Fixture

If you're tired of breaking bit after bit trying to drill a safety wire hole in a bolt head, we have the solution for you!



CNC made from billet aluminum. Safely allows you to drill safety wire tie holes in #10 through 5/8" bolts. Works on hex head or socket head capscrews. Includes 2 drill bits and 2 guide locks.

#SAF-QUA200-3055
\$39.95

Replacement 1/16" Bits - 4 pack
#SAF-044404
\$5.00

Visual Optics Borescope

Model VO36-10WW is great for inspecting hard to access areas. Completely portable - works on AA batteries. Comes complete with a fitted storage case and batteries. Three year factory warranty. **MADE IN USA**

- 7400 pixels for clear and detailed viewing
- Dual white LED light source at tip
- 36" Stay-Lok obedient shaft
- 10mm diameter shaft - gets into tight areas!
- Bending radius down to 3"
- Chemical resistant shaft and housing
- Clip on magnet and mirror included at no additional charge!



#IST-VO36-10WW
\$289.95

Bell Housing Indicator



- Indicates total run-out of bell housing centerline to crank
- Eliminates pilot bushing, clutch engagement, shifting and transmission from bearing problems
- Will need to know your transmission application. For example: GM-Fine, GM-Coarse, Ford-Fine

\$80.00 with indicator
\$59.00 w/o indicator

Dial Indicators



.001 graduations

1" Travel
#IND-900-102
\$21.00

2" Travel
#IND-900-103
\$50.00 ea.

2" Travel Big Face
#IND-900-090
\$75.00

Dial Calipers

Manual Dial Calipers

Features:

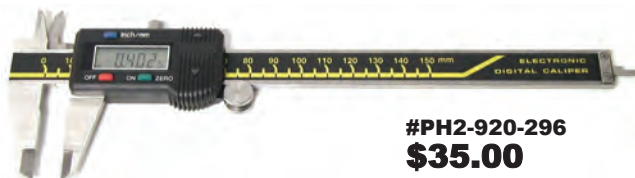
- Direct Reading to 0.001 on large clear dial
- Measuring face hardened, precision ground and micro lapped for absolute accuracy
- Adjusting slide for fine adjustment
- Made of Stainless Steel
- Satin chrome finish; Crisp engraved graduation
- Clamp for repetitive measuring
- Deluxe Case
- Accurate to 0.001 per 6"
- Covered rack



#PH2-920-216
\$25.00

Digital Dial Calipers

6" x .001 increments Inch/mm units



#PH2-920-296
\$35.00

Smart Level Pro 360

Sunlight viewable LCD, reads and displays a full 360° and has a hold button to freeze the display.

Series levels have an alternate zero setting feature. It also has a "V" groove in the bottom on its aluminum rails. Easily calibrated and has an auto shut-off feature. Use it for setting up trailing and control arm angles or spoiler angles. Many other uses.



Pro 360 reads .1°
#SMA-PRO-360
\$230.00

Pro 3600 reads .01°
#SMA-PRO-3600
\$345.00

Smart Tool Angle Finder



#SMA-505-1893
\$125.00

- Digitally reads all angles in degrees, % slope and pitch
- Beeps at level and plum
- Push button recalibration
- 6 1/2" Length

Cam Pliers & Fixture

Cam Fastener Pliers

For inserting and removing the cam fastener from the grommet



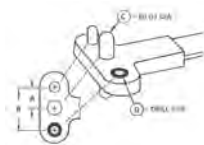
#CAM-4P3
\$45.00

Drill Fixture

For 1/4 Turn Fasteners
Hole separations of .750" and 1.0" for small and large fasteners.

#CAM-3172
\$60.00

Nutplates



Screw Size: #10;
"A" Spacing: .344
"B" Spacing: .688
"C" Pilot Dia: .191
"D" Drill Size: #40

Nutplate Jig

Designed to enable accurate locating and drilling of nutplate rivet holes. Flexible handle provides clearance while jig is in use. These standard sizes stock, other sizes available.

#IST-BAT3518-C
\$29.95

Nutplates



Fixed

Floating

Part No.	Description	Price
IST-MS21047-3	10-32 Fixed 2 Lug Yellow Cad	\$0.58
IST-MS21047-4	1/4-28 Fixed 2 Lug Yellow Cad	\$1.32
IST-MS21059-L3	10-32 Floating 2 Lug Black Moly	\$1.00
IST-MS21059-L4	1/4-28 Floating 2 Lug Black Moly	\$1.67

SD-20 Cleaner Degreaser

Finally a cleaner that takes tire rubber off without smearing! Ever tried cleaning tire rubber off your race car with brake cleaner? Makes a nasty mess. This product is used by the Cup teams to clean tire rubber, oil and grease from their cars without the mess! Try it once and you'll never use anything else!



18 oz. Aerosol Can
#ISC-SD-20
\$4.50

Case of 12 Cans
#ISC-SD-20-CASE
\$48.60

Gallon
#ISC-SD20G
\$11.00



Braided Hose Cutter

Cuts every strand neatly. No more frayed ends. Cutter also indents ends, making it very easy to get the fitting on. Cuts up to #16 hose.



#BRA-63041
\$190.00

Replacement Blades
#BRA-63081
\$174.00

5 Pc. AN Wrench Set



Anodized Aluminum
Wrenches
#6 thru #16
#IST-19000
\$99.95

Brake Fluid

Hi-Temp 570° comes in convenient 12 ounce containers hermetically sealed to guarantee against unwanted absorption of moisture which can drastically lower the fluids boiling point (fluid from larger containers tends to become contaminated with moisture, lowering its boiling point and making it unsuitable for racing applications).

12 oz. bottle
#IS5-290-0632
\$7.00

Case of 6
#IS5-290-0632-6PK
\$38.00



Hood Pin Hardware



Part No.	Description	Price
HOD-1002	2" length 3/8" dia. Steel Hood Pins	\$2.50 ea.
HOD-1003	3" length 3/8" dia. Steel Hood Pins	\$2.50 ea.
HOD-1004	4" length 3/8" dia. Steel Hood Pins	\$2.50 ea.
HOD-1005	5" length 3/8" dia. Steel Hood Pins	\$2.50 ea.
HOD-5001	3/8" Steel Hood Pin Plates	\$1.25 ea.
HOD-3001	Clip	\$1.00 ea.
HOD-6001	3/8" threaded sleeve 3/4" long (bosses)	\$1.75 ea.
HOD-2001	24" Cable	\$2.50 ea.

Hood Pin Dimplers



Recess your hood for 1 5/8" O.D. hood pin plates with 3/8" I.D.

#HOD-4001
\$32.00
Set

Threaded Inserts

Make your own lightweight tie rods & struts with these threaded inserts. 4 sizes available. Made in the USA.



Part No.	Desc	Fits Tube Size	Price
AUR-662	1/2-20	1" x .095	\$3.75 ea.
AUR-663	5/8-18	1" x .095	\$3.75 ea.
AUR-664	5/8-18	1 1/4" x .095	\$5.50 ea.
AUR-665	1/2-13	1 1/4" x .095	\$5.50 ea.

Fabricating Books

By Ron Fournier

A must for any metal fabricating shop.

Sheet Metal Handbook

#BKS-HP575
\$24.00



Metal Fabricator's Handbook

#BKS-HP709
\$24.00

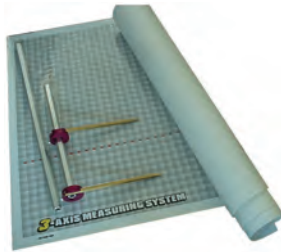


Chassis Fabrication Equipment

UNIJIG Pro™



Measuring System



3-AXIS MEASURING SYSTEM includes Grid decal & Caliper set

Part No.	Description	Price
DCS-7236DP-18303D	MEASURING SYSTEM	\$369.95 ea.
DCS-736-3DP	MEASURING GRID DECAL	\$239.95 ea.
DCS-1830-3D	CALIPER W/2 BEAMS	\$169.95 ea.

- Fixture any type of equipment you want to repair, modify or duplicate with extreme accuracy
- Standardized bolt spacing for easy interchange of accessories
- Hot Rod Chassis, Race Cars, 4x4's, Unijig can handle whatever you build or bend
- Unijig has a built in leveling system for installation on uneven floors.
- Unijig can be outfitted for stock full frame cars, with repeatability reaching far beyond collision repair equipment capabilities.
- Update your present chassis, manufacturers are always redesigning and improving their products. Unijig will allow you to build the latest geometry into your older chassis.
- Delivery and set-up training available.
- Precious shop space is utilized with Unijig. When not in use as a chassis jig, tubing benders, bead rollers, bench vices, engine cradles all can be bolted to the jig making a solid workplace for awkward tasks.
- Factory support services available.

Part No.	Description	Price
DCS-1252-3R	12'3 RAIL UNIJIG	\$6,195.00 ea.
DCS-1252-4R	12'4 RAIL UNIJIG	\$6,566.00 ea.
DCS-1652-3R	16'3 RAIL UNIJIG	\$7,295.00 ea.
DCS-1652-4R	16'4 RAIL UNIJIG	\$7,575.00 ea.
DCS-1652-5R	16'5 RAIL UNIJIG	\$7,769.00 ea.

Bend-Tech Software



The Bend-Tech line of software includes several different products; sheet metal design and tubing design. Each tubing software product is a step up from the previous level.



Bend-Tech EZ

If you are planning to bend just a few parts in a year and the parts are 2D then EZ may do the trick.

**#BND-EZ
\$69.00**



Bend-Tech SE

If you are serious about bending and/or bending is part of your company's business, then Bend-Tech SE is the only way to continue.

**#BND-SE
\$599.00**



Bend-Tech EZ-3D

If you need a few parts bent with rotation, EZ-3D is a good start. EZ-3D is also the best place for beginners if you don't want to work with assemblies.

**#BND-EZ-3D
\$149.00**



Bend-Tech SM

Bend-Tech SM is a sheet metal and plate design software. It brings the world of sheet metal design to the hobbyist, schools and small shops. If you want to design without the learning curve or expense of other sheet metal products, Bend-Tech SM is for you.

**#BND-SM
\$295.00**



Bend-Tech PRO

If you are designing a chassis, roll cages, rock sliders, frames or anything else that is a tubing assembly then Bend-Tech PRO is where you want to start.

**#BND-PRO
\$295.00**

ISI Air Over Hydraulic Tubing Bender



Bends 3/4"
thru 1 3/4"
O.D. Tubing
(Not for EMT)

This specially designed bender makes accurate, smooth bends without kinking, wrinkling or crushing. One forward stroke of the ram makes a full 90° bend (bending action work-hardens the tubing for even greater strength at the bend).

Unit will make bends in steel tubing up to .125 wall and chromoly (4130) up to .058 wall.

Air operated...develops up to 10,000 psi and has a hydraulic overload valve. Operates at 50 to 120 psi to provide instant controlled action and keeps pressure until released.

Complete units in stock...Fully portable.

Manufactured by Irvan-Smith, Inc. and Made in USA



#IS2-01-TB
\$1595.00

**Tubing Bender
with pump
and one shoe set**
(your choice of size up to 1 3/4")

Bender Replacement Parts

10T HYD Hose 6-ft

#IS2-S4557

\$92.50

10 Ton Industrial Ram

#IS2-S5522

\$230.00

10 Ton Replacement Pump

#IS2-S4562

\$560.00

**PUMP & SHOE SET
INCLUDED!**

Shoe Sets

Tubing O.D. Size	Shoe Radius	Price
3/4"	3-27/64"	\$200.00
7/8"	3-27/64"	\$210.00
1"	4-5/16"	\$210.00
1-1/8"	4-5/16"	\$225.00
1-1/4"	5-5/8"	\$250.00
1-3/8"	5-5/8"	\$325.00
1-1/2"	7-3/16"	\$340.00
1-5/8"	7-3/16"	\$360.00
1-3/4"	8-1/32"	\$370.00
1-7/8"	8-1/32"	\$400.00
2"	8-1/32"	\$420.00

Complete set Includes:
Shoe, Follow Bar, and Saddle
(Individual shoes, follow bars or
saddles also sold separately)

Shoe Set Options

Shoes to bend square tubing is
available for the Irvan-Smith, Inc.

Tubing Bender

Call 800-221-7223 for details
or visit the Website

www.IrvanSmith.com

Budget Bender

Manual Hydraulic Tubing Bender



Features:

- Portable & Affordable
- Bender frame made of welded steel
- Die shoe made of solid cast aluminum
- Pre-Assembled in a self contained package that weighs less than 50 lbs
- 8-ton jack does the bending for you

Tube Size	Bend Radius
1 3/4"	7" radius
1 5/8"	7" radius
1 1/2"	7" radius
1 3/8"	5" radius
1 1/4"	5" radius
1"	5" radius

#IS2-MB-01

\$509.00

Includes bender and 1 shoe size
6 die shoe sizes available

Additional shoe sets \$244.00 ea.

HYBEND Tubing Bender

Production Quality Hydraulic Bender

The bender is self contained 110V AC, 1-1/2 H.P. 4 ton hydraulic - all built on a caster mounted base with a storage shelf for accessories. Bending capacity is from 1/2" OD x 2" radius to 2" O.D. x 6" radius with optional (Hossfeld) die sets. Bends to 180°. Bender base and frame work are un-painted steel. Dimensions are 38" high x 34" long x 24" wide. Shipping weight: 350 lbs.

Base Bender (with NO dies)

#IS2-HB-01 \$3400.00

Size x Radius	Min Tube Wall	Size x Radius	Min Tube Wall
1/2" x 2" R	.049" min wall	3/8" x 5" R	.065" min wall
3/4" x 2" R	.049" min wall	1-1/2" x 5" R	.083" min wall
7/8" x 3" R	.049" min wall	1-5/8" x 6" R	.083" min wall
1" x 3" R	.049" min wall	1-3/4" x 6" R	.083" min wall
1-1/8" x 3" R	.065" min wall	1-7/8" x 6" R	.095" min wall
1-1/4" x 4-1/2" R	.065" min wall	2" x 6" R	.125" min wall

**Tubing Die Sets (3-piece) - Call for
Current Prices - Allow 2-3 weeks delivery**

Other sizes and
radii available

**TRUCK
FREIGHT ONLY**



Comes unpainted

Order Online 24/7

email: info@irvan-smith.com

TUBE SHARK Tubing Bender



Bender in working position



Bender folded for portability



SharkPool Combo Bender

**Bender with
Pneumatic Pump Power
Unit**

**#IS2-TSA-2-1-0002
\$3950.00**

(Die sets not included)

**Bender with
Commercial Elec-
tric/Hydraulic Power
Unit**

**#IS2-TSA-2-1-0003
\$5727.00**

(Die sets not included)

**SharkPool Com-
bines TubeShark Bender
& Notcher on Rolling
Bench**

**#IS2-TSA-2-1-0006
\$7870.00**

(Die sets not included)

Bender Specifications

- Produces bends up to 180°
- Collapses in seconds and rolls away for easy storage
- Top quality American components
- Dies CNC machined from 6061 aluminum billet and hard anodized
- Bends round & square tube, bar stock and pipe (with correct die set)
- Bending capacity 1/2" to 2" OD
- Choice of foot controlled air pump or hand controlled unit
- Unique collapsing design provides a sturdy working platform
- Many options available to tailor the bender to your needs
- Optional custom dies available
- Accurate to within 1/4°
- Hydraulic powered

Round Tubing Bending Die/Shoe Sets (Complete 3 Piece Set)

Part No.	Description	Price
IS2-TSTA-2-1-0003	2" OD on 8"R	\$708.00
IS2-TSTA-2-1-0001	2" OD on 6"R	\$529.00
IS2-TSTA-2-1-0007	1 3/4" OD on 8"R	\$708.00
IS2-TSTA-2-1-0005	1 3/4" OD on 6"R	\$529.00
IS2-TSTA-2-1-0004	1 3/4" OD on 5"R	\$501.00
IS2-TSTA-2-1-0012	1 5/8" OD on 8"R	\$708.00
IS2-TSTA-2-1-0010	1 5/8" OD on 6"R	\$529.00
IS2-TSTA-2-1-0009	1 5/8" OD on 5"R	\$501.00
IS2-TSTA-2-1-0018	1 1/2" OD on 8"R	\$708.00
IS2-TSTA-2-1-0016	1 1/2" OD on 6"R	\$529.00
IS2-TSTA-2-1-0015	1 1/2" OD on 5"R	\$501.00
IS2-TSTA-2-1-0014	1 1/2" OD on 4"R	\$457.00
IS2-TSTA-2-1-0022	1 3/8" OD on 6"R	\$529.00
IS2-TSTA-2-1-0021	1 3/8" OD on 5"R	\$501.00
IS2-TSTA-2-1-0020	1 3/8" OD on 4"R	\$457.00
IS2-TSTA-2-1-0028	1 1/4" OD on 6"R	\$529.00
IS2-TSTA-2-1-0027	1 1/4" OD on 5"R	\$501.00
IS2-TSTA-2-1-0026	1 1/4" OD on 4"R	\$457.00
IS2-TSTA-2-1-0034	1" & 7/8" OD on 6"R	\$539.00
IS2-TSTA-2-1-0033	1" & 7/8" OD on 5"R	\$510.00
IS2-TSTA-2-1-0032	1" & 7/8" OD on 4"R	\$500.00
IS2-TSTA-2-1-0031	1" & 7/8" OD on 3"R	\$493.00
IS2-TSTA-2-1-0038	3/4" & 1/2" OD on 4"R	\$500.00
IS2-TSTA-2-1-0037	3/4" & 1/2" OD on 3"R	\$493.00

Die Sets Sold Separately

Other Die Sets available including:

- Round Tubing Dies
- Square Tubing Dies
- Pipe Dies

**TRUCK
FREIGHT ONLY**

ERCOLINA Super Bender

Electric Tubing Bender

Ercolina SB48 Super Bender is ideal for producing consistent, quality bends in large diameter pipe, tubes, squares, rectangular, solids and other profiles.

Specifications:

- Mild steel tube capacity 2"
- Pipe capacity 1-1/2" Sch. 40
- Square tube capacity 1-1/2"
- Maximum CLR 8-7/8"
- Bend to CLR as small as 2D
- Touch screen programming with system diagnostics in multiple language capability
- Quick-change tooling system
- Digital display of bend
- Material spring back compensation
- Foot pedal control for hands-free operation
- Accurate counterbending die positioning
- Accepts Ercolina's A40-P two axis positioning table for multiple and sequential bends
- Portable with base wheels and lift handle



**SB48 Super Bender
120V 1PH
#IS2-SB48
\$10,500.00**

Tooling sold separately

**TRUCK
FREIGHT ONLY**

See Website for
more options

TUBING BENDERS

Tubing Notcher

The Williams Lowbuck Tubing Notcher is a must for any shop working with round tubing. In less than six seconds you can fish-mouth the end of a tube so it can be perfectly butted with another for welding. Cuts are clean and precise, requiring no grinding or guesswork.

Notchers are available with 4 sizes of cutters. Each size will notch various diameters of tubing without changing cutters. By swapping interchangeable cutters, one notcher will handle tubing from 1-inch to 2 1/2-inches. For 90° joints, take a full bite from each side of the tubing. For angles down to 60°, take a large bite from one side and a small bite from the other. For joints less than 60°, cut the tube at an angle and notch the sharp edge only.

These notchers are made of top quality materials and are designed to last a lifetime. The cutting edges are case hardened to 62 rockwell, so they need no resharpener. The unit comes cad plated, fully assembled, and is designed to bolt to the side of your workbench. Extra interchangeable cutters are available.

Capacities: .125 wall mild steel or 4130 and up to schedule 40 pipe.

Part No.	Size #	Description	Price
LOW-1-TN	#1	1" to 1 1/4"	\$345.00
LOW-2-TN	#2	1 1/4" to 1 7/8"	\$345.00
LOW-3-TN	#3	2" to 2 1/2" tubing or fence pipe notcher, including schedule 40	\$345.00
LOW-4-TN	#4	1 3/8", 1 5/8", 1 7/8" fence pipe notcher, including schedule 40	\$345.00
		Additional cutter sets (in above sizes)	\$140.00
		Cutter Die Only (Measure Diameter of Die Before Ordering)	\$31.00
LOW-BRKTS		Notcher Mounting Brackets	\$20.00

Williams
LOWBUCK® TOOLS



Replacement Parts available.
Patented in US and Canada

PIPEMASTER™ Tube Fitting Tools

A must for working with tubing!

The easiest & quickest way to fit tubes for welding. Place the tool at the joint and it takes the exact shape needed. Slide the tool over the tube and mark the shape of the joint for accurate notching.

Part No.	Size/Description	Price
PMT-P-T075	3/4"	\$40.00
PMT-P-T0875	7/8"	\$41.00
PMT-P-T100	1"	\$42.00
PMT-P-T1125	1 1/8"	\$43.00
PMT-P-T125	1 1/4"	\$44.00
PMT-P-T1375	1 3/8"	\$49.00
PMT-P-T150	1 1/2"	\$49.00
PMT-P-T1625	1 5/8"	\$49.00
PMT-P-T175	1 3/4"	\$54.00
PMT-P-T200	2"	\$56.00
	Pipemaster Kit w/ case	
PMT-P-T1KITCU	(1", 1 1/4", 1 1/2", 1 3/4")	\$191.00



Buy them individually
or as a kit!

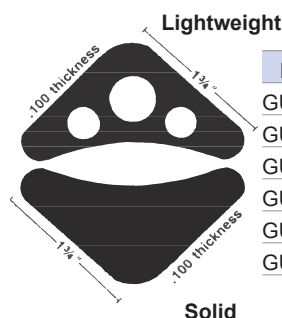
Triple Head Tube Bender

Awesome Quality - The 370-FH by Imperial enables you to make smooth, tight-radius 180° bends with ease. Lightweight die-cast aluminum with cushion grips for comfort and ease of use. Calibrated markings for making accurate left-hand, right-hand, and offset bends with 3/16", 1/4", 3/8" and 1/2" tubing. Made in the USA.

#IS2-370-FH
\$57.95



Gussets



Part No.	Description	Price
GUS-LW-025	25 Lightweight	\$4.00
GUS-LW-050	50 Lightweight	\$7.50
GUS-LW-100	100 Lightweight	\$12.00
GUS-SD-025	25 Solid	\$4.00
GUS-SD-050	50 Solid	\$7.50
GUS-SD-100	100 Solid	\$12.00

BLAST-IT-ALL Bead Blast Cabinets & Accessories



BLAST-IT-ALL blasting cabinets feature high-tech and innovative designs for cleaning, finishing and peening for complete surface preparations. They are engineered for operator comfort and efficiency, and are cost effective by decreasing production costs and increasing production rates. BLAST-IT-ALL cabinets are constructed of the highest quality materials with large, double-walled doors for a quieter working area. Included in these systems are a moisture separator, pressure regulator, gauge, and blow off gun. Its efficient reclaim system cleans and separates media for reuse. BLAST-IT-ALL cabinets also meet OSHA and CSA safety and noise requirements.

Little Blaster

Part Number	Description	Price
LB4024	40" W X 24" D X 24" H	\$1,918.00
LB4024SP	40" W X 24" D X 24" H (Steel Shot Peener)	\$5,141.00
LB42240S	42" W X 24" D X 24" H (Oyster Shell Opening)	\$2,106.00
LB4824	48" W X 24" D X 24" H	\$2,230.00

* Above models come with dust collectors

* Optional reclaimers available

Blast-It-All

Part Number	Description	Price
3636-7	36" W X 36" D X 36" H	\$5,875.00
4426-7	44" W X 26" D X 32" H	\$5,360.00
4836-7	48" W X 36" D X 34" H	\$6,390.00
6048-7	60" W X 48" D X 42" H	\$6,777.00

The above models come with 700 CFM reclaimers and dust bag
Optional industrial type dust collectors available

Media Reclaimer: An efficient reclaimer is not only designed to draw the media from the cabinet but also to remove the contaminants, dust, and fines from the media so that it can be efficiently reused. All spent media and contaminants are pneumatically pulled tangentially into the cyclone and they centrifugally separate the reusable media from the dust and foreign materials. The heavy contaminants are separated with a filter screen prior to collecting the reusable media into the storage section. The fine dust is pulled from the center of the cyclone separator into the dust collector. BLAST-IT-ALL media reclaimers are adjustable so that fine, medium or coarse media/abrasives can be used.

Replacement Gloves



8"x30" Clamp-on Gloves
#BLA-22-077 Left Glove
#BLA-22-078 Right Glove
\$20.00 ea.



7"x30" Snap-in Gloves
#BLA-22-111 Left Glove
#BLA-22-112 Right Glove
\$22.00 ea.

Mylar Film



12 1/2"x10' Mylar Film
#BLA-01-1191
\$11.00 ea.

Blast Media



Media: Most any media/abrasives can be used in BLAST-IT-ALL cabinets depending on the applications and/or options and accessories chosen. Different abrasive would be selected for cleaning, stripping, finishing, deburring, peening, shotblasting, stress relieving, or sealing porosity.
50lb. Bags

Part No.	Description	Price
BLA-G-10	FINE GLASS BEAD	\$40.00
BLA-G-4	X-COARSE GLASS BEAD	\$40.00
BLA-G-6	COARSE GLASS BEAD	\$40.00
BLA-G-8	MEDIUM GLASS BEAD	\$40.00



NOTE: We offer a full line of Blast-It-All Cabinets and parts. Plastic media paint stripping rooms available. If you have a specific need or don't quite see what you want, give us a call, we'll be glad to help.



PIT WAGON SPINDLE KITS

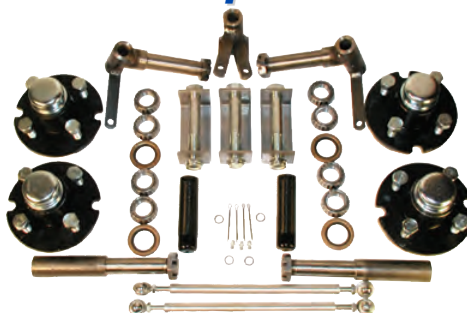
Standard Front Spindle Kit



3/4" Spindle Shaft
Rear Axle Not Included

#IS6-STD-002
\$225.00

Heavy Duty Front & Rear Spindle Kit



1" spindle shaft, tapered
roller bearings & high
speed hubs.

#IS6-HD-001
\$350.00

Heavy Duty 4 Wheel Steer Spindle Kit



Same as Heavy Duty
Spindle Kit but allows for
steering the front and rear
of your wagon or cart.

#IS6-HD-004
\$475.00

Pit Wagon Accessories



Trigger Latches

Die Cast Zinc latches available with black
powder coating or chrome
Requires 1" x 3-3/8" cut out.



Handle Grips



7/8" ID x 4 5/8" long
for Brake Kit Handles
#IS4-HG-RG7-8B
\$2.00 ea.

1" ID x 4 5/8" long
for Spindle Kit Handles
#IS4-HG-RG1-0B
\$2.00 ea.

Part No	Description	Price
IS5-C2-33-15	Black Powder Coated Latch	\$16.00 ea.
IS5-C2-33-11	Textured Chrome Latch	\$18.00 ea.
IS5-C2-33-25-3	Black Latch w/ Lock & Key	\$19.00 ea.

D-Ring Round Stainless Steel Latch

Measures 4-3/4" Diameter, the bolt pattern is
3" X 3" and the reach is approx. 1".

#IS5-AH-100-S-SS
\$35.00



Piano Hinge - Aluminum

1-1/2" open width
3/4" Flange
16 ga.
1/2" Knuckle
1/8" Pin
\$1.50 per ft

Comes in 8 ft. lengths
but must be cut to ship
UPS.

#IS5-MA06202496
\$12.00
per 8' stick



Power Inlet

110V accessory plug-in socket
for Pit Wagons. Flange mount
connection

#LON-45662
\$24.13



Handle Clip

Replacement Handle Clip for
Irvan-Smith, Inc. Pit Wagons

#IS5-HC-1
\$2.00



Mini Butt Hinge

Chrome, lightweight,
with flush, diecast
hinge.

#IS5-AH-4-3
\$7.00



Door Socket & Plunger

Handle holder for securing the handle to your
pit cart, trailer door, or anything else that
needs to be held solid.



Part No.	Description	Price
IS5-PDH-318-PC	Powder Coated Door Plunger	\$7.00 ea.
IS5-PDH-101	Rubber Insert	\$5.00 ea.
IS5-PDH-100-PC	Powder Coated Plunger Socket	\$5.00 ea.

Nylon Socket & SS Plunger

Nylon Socket and 2-1/2" Stainless Steel
Plunger for holding up pit wagon han-
dles.



Part No.	Description	Price
IS5-AH-38-SOCKET	Nylon Plunger Socket	\$5.00 ea.
IS5-AH-38-2-5-SS	SS Handle Plunger	\$8.00 ea.

Flush Folding T-Handle Latch & Cam

Rectangular, Zinc, Flush T-Handle Latch & Heavy-duty Zinc Plated ad-
justable Cam
Max. reach is approx. 1-1/4" with adjustable cam



Part No.	Description	Price
IS5-AH-479-5	T-Handle Latch	\$18.00 ea.
IS5-AH-5559	Adjustable Cam	\$2.50 ea.

Tires, Wheels & Accessories

Pit Wagon Tires & Wheels

Steel 4 hole wheel & tire used on our pit wagons and with our HD front and rear spindle kits.
6-Ply 16.6" O.D. 745 lb. capacity each

#MAR-DM408C-4I

\$40.00 ea.

Wheel Covers & Inserts

Separate stainless steel covers and multiple color inserts are available to fit our 4 hole tire and wheel.

Cover #MAR-SS-1

\$15.00 ea.

Color Inserts #MAR-SS-2

\$5.00 ea.

(Specify Color: red, black, white)

Chrome Covers

Chrome covers are available to fit our 4 hole tire and wheel.

#MAR-CC-1

\$12.50 ea.

Air Inflated Tire & Wheel

Used on Pit Carts, Standard Spindle Kits, Etc.
Replacement Tire and Tube Available

Polished Aluminum Tires & Wheels for Pit Wagons

Polished aluminum 4 hole wheels with tire, lug bolts and chrome center cap.

Tire, Wheel, Bolts & Cap

#MAR-AW-WT

\$140.00 ea.

Wheel Only

#MAR-AW-NT **\$110.00 ea.**

Chrome Center Cap

#MAR-AW-CC **\$5.00 ea.**

Chrome Wheel Bolts

#MAR-AW-WB **\$2.00 ea.**



Rigid



Swivel

Plate-Type Caster Tire

Air Inflated

Top Plate on Rigid: 4" x 5.5"

Top Plate on Swivel: 4" x 4.5"

Replacement Tires and Tubes available

Part #	Size	Ht.	Weight Cap.	Type	Price
MAR-354FR-4	410/350-4	11 9/16"	250 lbs.	Rigid	\$45.00
MAR-354FS-4	410/350-4	11 9/16"	250 lbs.	Swivel	\$50.00

Part #	Size	Ply	Weight Cap.	O.D.	Price
Available in 3/8"-3/4" Ball Bearings - Please Specify					
MAR-354DC	410/350-4	2	250 lbs.	10.6"	\$23.00
MAR-354DB	410/350-4	4	390 lbs.	10.6"	\$27.50
Available in 3/4" Open Cage Roller Bearing					
MAR-356DB	410/350-6	4	495 lbs.	12.6"	\$45.00
MAR-409DC3-WRB	480-8	6	760 lbs.	16.6"	\$45.00

Solid Plate Type Caster Tire

Phenolic Wheel

Top Plate: 4" x 4.5"

Part #	Size	Ht	Weight Cap.	Type	Price
MAR-4-4108-338	4 x 2	5 5/8"	750 lbs.	Rigid	\$17.50
MAR-4-4109-338	4 x 2	5 5/8"	750 lbs.	Swivel	\$22.50
MAR-4-6108-338	6 x 2	7 1/2"	900 lbs.	Rigid	\$20.00
MAR-4-6109-338	6 x 2	7 1/2"	900 lbs.	Swivel	\$25.00

Solid Rubber Tire and Spoked Wheel Tire Bead Breaker

Used on carts etc. needing high wheels
Size 20" x 1.75" - Stud Tread
Hub Bore: 5/8" or 3/4" ball bearing
Hub Length - 3-1/4"
Wt. Cap - 150 lbs.

#SP20PSI-34BB

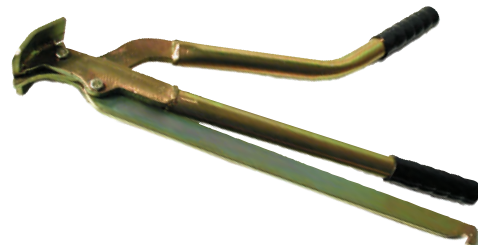
\$45.00



Works on 15" wheels. Can be modified for smaller wheels.

#IST-TBB-01

\$45.00



PIT WAGONS

Irvan-Smith, Inc. is famous for manufacturing a full line of pit wagons with numerous options and features that are suited to a wide variety of racing.

Standard Features for our wagons include:

- Heavy 1/8" thick diamond plate top. Perfect for mounting a seat.
- Durable powder coated inner frame.
- Shelf floor made from strong .090 thick aluminum.

Small Toolbox Pit Wagon

	L	W	H
Box	51"	34"	36"
Overall	79.5"	34"	54"
Toolbox Space	31.75"	23"	

Holds 2 nitrogen bottles



Wagon Only
#IS5-STBW-01
\$2300.00

With Optional Toolbox
(Lista #LIS-ST750)
\$3400.00

Optional Side Skirts
and Rear Door
#IS5-STBW-88
\$250.00

Tool Box
Sold Separately
#LIS-ST750
\$1308.34

TRUCK
FREIGHT ONLY

U-Skin-It Pit Wagon



Can carry 2 nitrogen bottles. Rolling frame comes unpainted with heavy duty spindles and steering. Also includes weld-on panel fastener plates and instructions for floor pans and exterior panels and doors. (shipping weight 240 lbs.)

	L	W	H
Box	72"	32"	47"
Overall	79"	32"	51"

#IS5-USW-01
\$1150.00

Bottom Frame



With heavy duty front and rear suspension
Overall Length 76 1/2"
Overall Width 34"

#IS5-BF-01
\$995.00

Build Your Own
Wagon from the
Frame Up!

- Each door equipped with powder coated trigger latches.
- Doors and sides made from durable prepainted .040 aluminum with red, black, and white colors in stock. Other colors are available special order.
- Steering uses tie rods and individual pivots with built-in Ackerman geometry to make the wagon easy to pull and turn.

CUSTOM WAGONS AVAILABLE...Call us with your specific needs!

Large Toolbox Pit Wagon

	L	W	H
Box	77"	34"	67"
Overall	79.5"	34"	71"

Inside Toolbox Dimensions
40.5"W x 22.5"D x 42.25"H



Wagon Only
#IS5-LTBW-01
\$3500.00

With Optional Toolbox
(Lista #LIS-HS600)
\$4500.00



Tool Box Sold
Separately
#LIS-HS600
\$1184.84

Brake Kits for Pit Wagons



Ever had trouble stopping your heavy pit wagon? We have the solution! Our disc brake kit will give you the power to stop your wagon. Includes handle mounted master cylinder, 2 aluminum hubs with rotors, 2 aluminum calipers, 2 spindles with caliper mounts. Does not include brake lines.

#IS5-BRK-001
\$900.00

Optional Brake Line Kits
#IS5-BLK-65 **\$97.50**

Brake Fluid
on Pg 20

Pit Wagon Cover



- Durable Vinyl
- Zippers on all 4 corners
- Cutout for steering wheels
- Specify Color

#IS5-LTBW-99
\$400.00



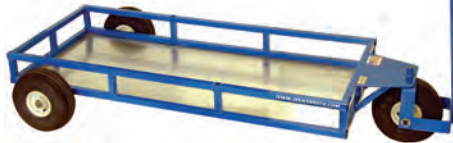
Pit Carts

3-Wheel Pit Cart

- 3 wheel, air inflated tires
- Lift off front wheel assembly for easy storage
- .090 aluminum floor pan
- 1" steel square tubing
- Powder coated frame
- Short turning radius
- Can hold 4 race tires (depending on make), several full size rear end gears or just about anything else you need to haul around the track.
- Optional removable side mounted gas can restraints
- (Can Be Shipped UPS - Oversize shipping charges apply.)

Inside measurements
22"x54"x4.5"

Gas Can Restraint



- #IS4-PC-1** Cart without gas can restraints . **\$415.00**
- #IS4-PC-2** Cart with gas can restraints **\$450.00**
- #IS4-PC-G** Gas Can Restraints (pair) **\$32.50 pr.**

55 Gallon Drum Cart

- Easily carry up to 2 55 gallon drums
- Comes unpainted

Inside dimensions
24.5"x56"
Load height 6.5" from ground

#IS4-PC-1-55
\$450.00

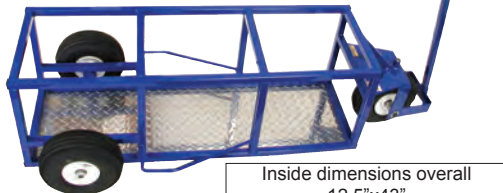


Gas Cart

(NASCAR Approved)

- Holds 3 NASCAR approved fuel dump cans.
- Powder coated finish
- Removable front wheel assembly for easy storage on your hauler
- (Can Be Shipped UPS - Oversize shipping charges apply.)

#IS4-PC-3
\$415.00



Inside dimensions overall
12.5"x43"
Inside Dimensions for each
Compartment
12.5"x13.5"x15"



**4-Can Add-on
Compartment**
12.5"x13.5"x15"
#IS4-PC-3ADD
\$50.00

DIY Front Wheel Kit for Carts

Perfect for adding wheels to your electric generator or anything you need to make mobile.

Includes:

- Top plate & braces
- Front hoop
- 3/4" front axle and spacers
- Cotter pins & washers
- T-handle top
- 2 handle grips
- Uses tire part #354DC or #354DB

(not included) located on page 25

#IS4-PC-1-K
\$95.00



Tire Racks

Tire Rack

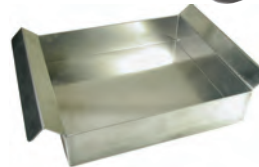
- Holds up to 12 NASCAR Cup tires or 16 wheels
- Powder coated frame
- Optional nitrogen bottle rack available. Attaches to back of tire rack

#IS4-TR-1
\$425.00

Overall dimensions
89.5" L x 26" W x 59" H
Height Approx. 72" with tires



**TRUCK
FREIGHT ONLY**



**Optional Storage
Tray**
12x13.5x3
#IS4-TR-1-T
\$50.00

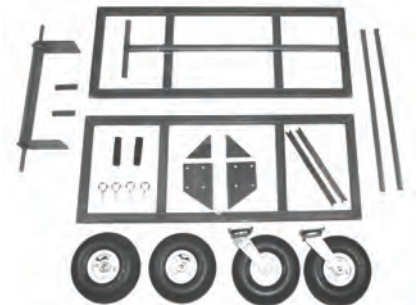


**Optional Nitrogen
Bottle Rack**
#IS4-NB-1
\$50.00

DIY Tire Rack Kit

Includes :

- 2 end frames (1 with t-handle)
- Handle pin & cable
- 2 handle grips
- 2 front caster plates
- 6 braces
- Rear axle with cotter pins & washers
- 2 #354FS-4 Swivel casters
- 2 #354DB tires z7 wheels and instructions
- You furnish 1 1/2" square tubing rails
- Welding required
- Can be shipped UPS



#IS4-TR-1-UB
\$300.00

Tire Carts

- Powder coated steel
- Air inflated tires
- Will transport 4 NASCAR Cup tires & wheels on any ground surface.
- Can be shipped UPS - Oversize charge added

**Optional:
Aluminum Back
Panel Insert**
available to make
your cart even
more versatile!
#IS4-TC-BP
\$60.00



#IS4-TC-1
\$395.00

Can be used as a
gas can carrier



#IS4-TC-2
\$445.00

No Tip Cart -- no need to tip a stack
of tires to get under them.

Bump Steer Gauges

Irvan-Smith Bump Steer Gauge

Used by a majority of NASCAR Teams! Also for ASA, All Pro, Late Model, & Modified with independent suspension.



Bump steer in a race car should be minimized because it could fight everything that the driver is trying to accomplish with the steering wheel.

This can be accomplished with our bump steer gauge. Comes complete with excellent instructions and aluminum storage box.

- | | |
|--|--|
| 1" Travel Bump Steer Gauge
#IS3-BS-1
\$425.00 | 2" Travel Bump Steer Gauge
#IS3-BS-2
\$495.00 |
|--|--|

Longacre Bump Steer Gauge

This simplified design uses a single precision dial indicator to tell you directly the exact amount of bump steer within .001". No need to subtract one dial reading from another - no chance for error.



#LON-79000
\$199.86



Chassis Height Tool

Longacre Chassis Height Measurement Tool for measuring your race car chassis height accurately to 1/16" without ever getting under the car.



Mini 2"-8"
#LON-78318
\$34.36



24" Short Gauge
#LON-78320
\$79.00



36" Long Gauge
#LON-78324
\$90.16

Dump Can Stand

- Holds dump cans upright
- Collapsible for easy storage
- Comes unpainted

Single Dump Can Stand
#IS4-DCS-1
\$125.00

Double Dump Can Stand
#IS4-DCS-2
\$150.00



Knockdown Engine Lift

1200 lb. Long Reach Lift

The Irvan-Smith Knockdown Lift can be quickly taken apart, moved and assembled. Stores conveniently in your hauler. Used by NASCAR Cup teams. A must at the race track.



#ISE-1200
\$1350.00

Est. Shipping wt 340 lbs.



3 Ton Replacement Jack
#ISE-4351
\$300.00

New Item!
Aluminum Knockdown Engine Lift
#ISE-1200A
\$2050.00

Est. Shipping wt 140 lbs.

Mac's Pivot Plate

Mac's Pivot Plate is an articulated engine lift plate that pivots the weight of the engine, tilting it and an attached trans up to 35 degrees. The Pivot Plate is drilled to accept most two and four-barrel carb mounts. Various adapters are available for a wide range of applications. Made in the USA.



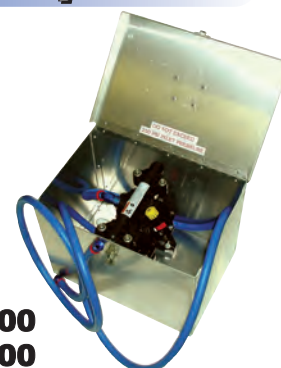
#MAC-701001
\$159.95

Fuel Transfer Pump

The Irvan-Smith air powered fuel transfer pump is an excellent alternative to dangerous 12V battery powered or 110V pumps.

- No more sparks
- Air operated
- Safe and efficient
- 13 GPM at 100 psi Max
- 6' suction lift
- Uses #8 braided hose
- Viton balls and Diaphragm
- Available with aluminum box and hose

#ISF-FP-60 Complete	\$850.00
#ISF-FP-55 W/O Box	\$775.00
#ISF-FP-50 W/O Hose	\$725.00
#ISF-FP-45 W/O Hose & Box	\$675.00



Pop-Up Canopies



This lightweight canopy is easier to raise/lower and more durable than other more expensive canopies on the market.

**All canopies come with:
Cover Bag, Stakes and Bungee Cords**

STANDARD CANOPY 10x10 10x15 10x20

- With Powder-Coated Frame
- Heavy-duty Steel Construction
- Over 7.8ft. Canopy Clearance
- Durable, Reinforced Truss
- 420 Denier Polyester Fabric
- Water Resistant, UV-Treated
- Available in Standard Colors: White, Red, Blue, Green, Yellow, & Black
- Available in Custom Colors

#NSC-TC10 STD 10' X 10' CANOPY \$573.00

#NSC-TC15 STD 10' X 15' CANOPY \$723.00

#NSC-TC20 STD 10' X 20' CANOPY \$913.00



Highly Advanced Reinforced Fiberglass Compound Pivots

Patented Pull Pin Slider Action
No Sticky Buttons To Push

ALUMINUM CANOPY 10x10 10x15 10x20

- Anodized High Strength All Aluminum Construction
- Durable Reinforced Truss
- Lightweight and easy to carry
- 420 Denier Polyester Fabric
- Water Resistant, UV-Treated
- Available in Standard Colors: White, Red, Blue, Green, Yellow, & Black
- Available in Custom Colors
- Custom Graphics Available
- All canopies come with Cover Bag, Stakes and Bungee Cords

#NSC-TM10 ALU 10' X 10' CANOPY \$683.00

#NSC-TM15 ALU 10' X 15' CANOPY \$903.00

#NSC-TM20 ALU 10' X 20' CANOPY \$1,093.00



Opens and
Closes Easily
with 2 People



**Side Walls and Zipper Doors Available
Call For Custom Screen Printing of Logos**

*****Replacement Parts Available*****

**Go to www.IrvanSmith.com for more details
and replacement parts**

Brunnhoelzl Race Jacks

3 Pump Race Jack

A three pump version for faster pit stops. Precision CNC machined from aircraft grade billet aluminum. Made in the USA. Colors - Red, Black and Blue

**#ISJ-BRI-002
\$750.00**



Garage Jack

Made with the pit crew in mind, the Garage Jack is only a third of the weight of your average steel garage jack. Made out of billet aluminum. Low Profile with maximum lift height of 23".

**#ISJ-BRI-200
\$1295.00**



Dirt Skirt

Dirt skirt sold separately convert any Brunnhoelzl jack into a jack suitable for using on soft ground without sinking.

**#ISJ-BRI-185
\$79.95**



Dirt Wings

Dirt Wings sold separately gives any Brunnhoelzl jack more stability.

**#ISJ-BRI-184
\$54.95**



10" Wheel Stands

Adjust the suspension on your race car while it sits on its wheels. You can string, plumb, measure angles and make adjustments while sitting on its springs. Made out of aluminum. Set of 4.

Set of 4 Wheel Stands
**#JRP-29600
\$399.95**





Irvan-Smith, Inc. is an authorized Longacre dealer.
Call us for their complete color catalog.

Wireless COMPUTERSCALES



#72711

#72711 DXI™ Single Load Cell

Systems include:

- Wireless DXI™ Control Box
- Set of 4 CNC Machined 15" x 15" low profile scale pads -
- 1500 lbs per pad capacity
- Pad storage box
- 4 individual wheel weight displays
- Large 4 line display for all partial % and weights
- Easy-to-use Memory for 8 setups with instant recall

#72711

SINGLE load cell

List \$1,995.00

ISI Price

\$1,855.00

Wireless Scales - the Ultimate Convenience

- Uses the very latest 802.15.4 DSSS wireless protocol at 2.3 GHz for the ultimate in security and reliability.
- Power consumption is so low the batteries only need to be changed once a season or even less.
- No cables to work around. Transmitters are completely enclosed inside the pads for protection. No antennas to knock off, no external modules dangling off the side.



#72702

#72702 Basic Wireless

System Includes:

- Wireless AccuSet™ control box in silver case
 - Set of 4 LMF Swirl Finished 15" x 15" low profile pads with single load cells -1500 lbs per pad capacity
- Optional scale cart or pad storage box recommended

#72702

List \$1,595.00

ISI Price

\$1,485.00

COMPUTERSCALES



#72652

#72652 DXI™ Pro Model

- 4 individual wheel weight displays
- Large 4 line display for all partial % and weights
- Easy-to-use Memory for 8 setups with instant recall
- Set of 4 Fully CNC Machined 15" low profile scale pads with DUAL Load Cells - 1500 lbs per pad capacity
- Premium Yellow cables with Billet connectors and locking rings
- Luggage grade silver carrying case

#72652

List \$2,195.00

ISI Price **\$2,041.00**

#72601

#72601 DXI™ Semi-Pro Model

- Shows all 4 wheel weights on separated displays
- Shows all partial weights and % at the same time
- High quality Red cables with AN connectors
- Deluxe Silver Carrying case
- Set of 4 -15" x 15" low profile scale pads - 1500 lbs per pad capacity

#72601

List \$1,198.00

ISI Price **\$1,114.00**

#72593

#72593 AccuSet™

- Push one button for all 4 wheel weights plus Cross Weight
- Push a second button for all partial %
- New Heavy duty Red HiFlex cables with Billet AN connectors
- Set of 4 -15" x 15" low profile scale pads - 1500 lbs per pad capacity
- Includes silver carrying case

#72593

List \$1,049.00

ISI Price **\$975.00**

Quit chasing your tail
on your setup!



ISI Scale Calibration Services

Irvan-Smith, Inc. is an authorized Longacre scale calibration, repair and service facility. Be sure your scales are reading accurately. Our precision calibration unit will ensure that when you are scaling your car, you can be confident that your scale pads are adjusted, accurate and balanced.

To make sure your scales are performing at peak accuracy, have your Longacre scales serviced and calibrated at least once a year. **Call for details today!**

Durometer



Racing Tire Hardness Tester

Tire Hardness changes as tires get older and even varies between new tires. Now you can keep track of exactly where your tires are. Track your tires with precision.

- Reads from 0-100 points
- Comes with red plastic case

#50553 \$49.95

Tire Gauges



Basic Digital Tire Pressure Gauge

- 2" Face with large numbers
- Reads to .2 psi
- Pressure reading always active
- External gauge bumper
- Air Pressure release button
- Ultra flexible 14" line with angle chuck - ball chuck also included

#53006 \$35.95

Deluxe Tire Pressure Gauges



- 2 1/2" Glow-In-The-Dark face for high accuracy and easy readability
- High Flow release button
- Swive angle chuck installed with alternate ball chuck included
- Holds pressure until released
- Internal gauge damper for more accurate readings and longer life
- Ultra flexible 17" red hose

Part No.	Description	Price
52003	0-60 by 1/2 lb.	\$42.95
52023	0-30 by 1/4 lb.	\$42.95
52033	0-15 by 1/4 lb.	\$42.95

Tire Pyrometers

Memory Pyrometer

- Displays all 12 tire temps at once
- Memory stores 10 complete sets of temps
- Built-in 4 car 70 lap Memory Stopwatch with interval timing
- Computes tire temp averages
- Built-in night light
- Take temps in any order
- Electronics stabilize readings
- Includes carrying case and adjustable probe

**#50690
\$370.95**

AccuTech™ Pyrometer

- Accurate, super-fast response electronics
- Can hold highest temp reached
- Push the button to compare one temp to another
- Low battery indicator and auto shut-off
- 2000° with opt. probe (tire probe max 500°)
- °F or °C switchable
- Large LCD Display
- Coil cord with Tire Probe and carrying case

Pyrometer with Tire Probe
#50640

\$134.95

Optional 2000°
Brake surface probe
#50740
\$97.95



Memory pyrometer comes with case.



Pit Impact Gun

- True portability, no air hose to trip over
- High torque 1/2" drive, 330 ft-lbs pops lug nuts off easily
- Fast charge NiCad battery - 24 Volts
- Variable speed trigger 0-2000 RPM for better control

Set Includes:

- Cordless impact gun with charger and 2 NiCad batteries
- 6 point lug nut socket (1")
- 3" & 5" extensions
- Carrying Case



**#68604
\$269.95**



Late Model Car Cover

Cut specially to fit race cars - Keep your car cooler & cleaner between races.

- Heat reflective silver color
- Soft liner will not scratch paint
- Zippered window to get in and out
- Moisture resistant



Part No.	Description	Price
11150	Asphalt Late Model	\$166.95
11152	Dirt Late Model	\$208.95
11154	Open Wheel Modified	\$180.95
11156	Cockpit Car Cover	\$73.95

Caster/Camber Gauges

- Reads Camber from +6° to -6° accurate to 1/4°
- Caster readout from +12° to -4° in 1/2° increments
- All vials are individually checked for accuracy
- All critical surfaces are CNC machined
- Comes with silver carrying case.



Part No.	Description	Price
78100	Karting Camber Gauge	\$116.95
78250	Gauge and Case Only - No Adapter	\$92.95
78260	C/C Gauge w/ Mag Adapter	\$124.95
78264	C/C Gauge w/ Wide 5 Adapter	\$120.95
78290	Digital C/C Gauge w/ Mag Adaptor	\$217.95

Digital Caster/Camber Gauge

Here's a super accurate **Digital Caster/Camber Gauge** that reads to .1° (1/10°) camber and caster as high as needed, and at a price any serious team can easily justify. It comes with our latest Super Magnetic adapter and a padded silver carrying case. As an additional benefit the **AccuLevel™** digital readout can be removed and used separately as a digital angle finder for suspension, spoiler angles, and many other things.



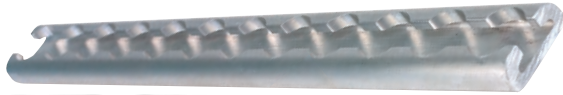
**Model #78290
\$217.95**

See Website for more Products

Ratchet Straps & Accessories



VersaTie Aluminum Track & Studs



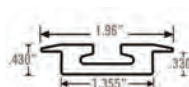
A
#210096 (Series 1)



B
#220096 (Series 2)



C
#230096 (Series 3)



D
#240096 (Series 4)



E



F



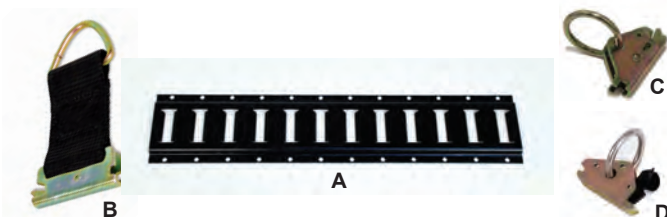
G



H

Part No.	Photo	Description	Price
210096	A	VersaTieTrack (Series 1) 8'	\$69.95 ea.
220096	B	VersaTieTrack (Series 2) 8'	\$69.95 ea.
230096	C	VersaTieTrack (Series 3) 8'	\$69.95 ea.
240096	D	VersaTieTrack (Series 4) 8'	\$69.95 ea.
310001	E	Single Stud Tie-Down	\$4.95 ea.
310002	F	Dbl Stud Tie-Down	\$11.95 ea.
310003	G	Dbl Stud Idler Fitting Wide	\$11.95 ea.
310004	H	Dbl Stud Idler Fitting Pear	\$11.95 ea.

"E" Track Tie Down Anchors



Part No.	Photo	Description	Price
270001	A	"E" Track 5' Steel	\$18.95 ea.
121001	B	2" Rope Tie-off Fitting	\$6.95 ea.
320001	C	"E/A" 2" O-Ring Fitting	\$6.95 ea.
320004	D	"E/A" 2" Heavy duty O-Ring Fitting	\$7.95 ea.

Tie Down Straps



A



B



C/D

Various colors available on straps

Part No.	Photo	Description	Price
111110	A	1" x 10' Ratchet Strap, "S" hooks 2800 lbs.	\$13.95 ea.
121724	B	2" x 24" Axle Strap "D" ring 10,000 lbs.	\$14.95 ea.
121006	C	2" x 6' Ratchet Strap, twisted-snap hook 10,000 lbs.	\$32.95 ea.
121010	D	2" x 10' Ratchet Strap, twisted-snaphook 10,000 lbs.	\$34.95 ea.

Tie Down Anchors



A



B



C



D

See Website for more Products

Part No.	Photo	Description	Price
330001	A	"D" ring, 2", Surface mounted 12,000 lbs.	\$8.95 ea.
330006	B	"D" ring, 1", Surface mounted 2 w/hardware. Light Duty, 900 lbs./pr	\$5.95 pr.
330002	C	"D" ring, recessed flip up 5,000 lbs.	\$7.95 ea.
330014	D	2" square ring, surface mounted 10,000 lbs.	\$8.95 ea.

Mobile Cabinets



Each mobile tool cabinet comes with:

- Two fixed and two swivel and lock heavy duty 6" casters
- Tubular steel handles
- Lock and two keys
- One-drawer-at-a-time safety system with individual drawer latches

Available with 100% full extension drawers with 440 lb. load capacity.

MP models have 95% extension drawers with 150 lb. load capacity; except drawer sizes 9" and above which are 100% extension and 440 lb. capacity.

All units are available in seven standard Lista colors.

Full extension drawers that glide open even with a full 440 lb. capacity

One-drawer-at-a-time safety system prevents tipping

Full width drawer handles are recessed, flush with the face of the housing to prevent snags



A variety of tops are available to create the work surface you need on top

A broad range of drawer partitioning accessories gives you customized storage based on your particular need

Individual drawer latches lock drawers closed for moving

2 swivel and 2 rigid 6" casters with a foot pedal lock that locks the wheel. 3600 lb. capacity

High Density Storage - Modular design and full sidewall height drawers give full cubic usability for tools or parts.

More Sizes and Shapes - From shallow depth to narrow, standard and mid-width, nobody offers more than Lista.

Maximum Flexibility - Drawer sizes range in height from 2" to 13" in 1" increments for a completely custom-configured cabinet.

Lifetime Warranty - Heavy gauge rugged steel construction provides years of durability. Ask your distributor for warranty details.

Stationary Cabinets

**FOR CUSTOMIZED DRAWER COMBINATIONS,
DRAWER PARTITIONING, STATIONARY CABINETS OR
ACCESSORIES
PLEASE CALL 1-800-221-7223**

#LIS-XSHS0900-0702

- 40.25" W x 22.5" D x 41.75" H
- 7 drawers, 96 drawer compartments
- Includes fork truck base
- Color: Bright Blue or Light Gray
- Includes lock and 2 keys
- Shipping weight 500 lbs.

\$1,778.49

See Website for
more Products



Slotted Grooved Trays

Slotted Grooved Trays are for storage of drills, gauges, mills, etc. Made of durable high impact polystyrene (HIPS) red plastic with end tongues so units snap together to form a continuous tray. Each 6" x 6" tray can have 2, 3, or 4 grooves. Clip on label holders not included.



Drawer Boxes & Organizers

Part No.	Size	Price
LIS-PB-1	3"x3"x1"	\$1.17
LIS-PB-2	3"x3"x1"	\$1.17
LIS-PB-3	3"x6"x1"	\$1.66
LIS-PB-4	6"x6"x1"	\$2.09
LIS-PB-5	3"x3"x2"	\$1.27
LIS-PB-6	3"x6"x2"	\$1.77
LIS-PB-7	6"x6"x2"	\$2.60
LIS-PB-8	3"x6"x3"	\$3.12
LIS-PB-9	6"x6"x3"	\$3.56
LIS-PB-24	2"x4"x2"	\$1.77
LIS-PB-8D	Dividers	\$0.80
LIS-PB-24D	Dividers	\$0.44

Storage Boxes

Plastic drawer storage boxes are made of high impact polystyrene (HIPS) red plastic, these boxes are for storing small parts. Boxes slip in and out of drawers or plastic box rails for easy loading and dispensing and have label holder slots. Boxes should be ordered to match particular drawer height. Dividers can be added to the boxes for more organization.



Part No.	For Max. Tool Dia.	Grooves	Price
LIS-SGT-2	2-3/4"	2	\$3.19
LIS-SGT-3	1-3/4"	3	\$4.38
LIS-SGT-4	2-3/4"	4	\$4.60

Part No.	Size	Price
LIS-STD-2	2.875"x.9375"	\$0.44
LIS-STD-3	1.875"x.9375"	\$0.44
LIS-STD-4	1.375"x.9375"	\$0.44

STORAGE

Aurora Rod Ends

AURORA
BEARING COMPANY

Authorized Dealer

We offer the full line of Aurora products. If you have a special need, call for more information.

Rod End Male		Rod End Female		Ball Bore	Thread SAE	Radial Static Load Ca-	Price
R.H.	L.H.	R.H.	L.H.			capacity lbs.	
General Purpose		Body - Carbon steel protective coated for corrosion resistance. Ball - Sintered steel, heat treated, oil impregnated. PTFE - Liner for self-lubricating surface for ball to ride on.				"C" Series is a 2 piece rod end (Body & Ball) for general purposes "V" Series is a 3 piece rod end (Body, Ball & PTFE liner) for general purposes	
CM-3	CB-3	CW-3	CG-3	3/16	10-32	1,170	\$5.25
CM-4	CB-4	CW-4	CG-4	1/4	1/4-28	2,157	\$5.75
VCM-5	VCB-5	VCW-5	VCG-5	5/16	5/16-24	2,750	\$6.25
VCM-6	VCB-6	VCW-6	VCG-6	3/8	3/8-24	3,308	\$7.50
VCM-7	VCB-7	VCW-7	VCG-7	7/16	7/16-20	4,454	\$9.25
VCM-8	VCB-8	VCW-8	VCG-8	1/2	1/2-20	7,409	\$11.00
VCM-10	VCB-10	VCW-10	VCG-10	5/8	5/8-18	8,424	\$15.25
VCM-12	VCB-12	VCW-12	VCG-12	3/4	3/4-16	12,448	\$19.00
CM-3S	CB-3S	CW-3S	CG-3S		10-32		\$5.75
CM-4S	CB-4S	CW-4S	CG-4S		1/4-28		\$6.75
CM-5S	CB-5S	CW-5S	CG-5S		5/16-24		\$7.75
CM-6S	CB-6S	CW-6S	CG-6S		3/8-24		\$8.75
Precision		Body - Carbon steel protective coated for corrosion resistance. Race - Carbon steel, protective coated for corrosion resistance. Ball - Alloy steel, heat treated, hard chrome plated.					
MM-4	MB-4	MW-4	MG-4	1/4	1/4-28	2,158	\$8.50
MM-5	MB-5	MW-5	MG-5	5/16	5/16-24	2,784	\$9.50
MM-6Y	MB-6Y	MW-6	MG-6	3/8	3/8-24	3,915	\$11.25
MM-7Y	MB-7Y	MW-7	MG-7	7/16	7/16-20	4,218	\$12.50
MM-8Y	MB-8Y	MW-8	MG-8	1/2	1/2-20	6,660	\$15.25
MM-10Y	MB-10Y			5/8	5/8-18	7,364	\$21.75
MM-12Y	MB-12Y			3/4	3/4-16	11,518	\$27.00
High Performance		Body - Alloy steel, heat treated, protective coated for corrosion resistance. Race - Alloy steel, heat treated protective coated for corrosion resistance. (Carbon steel with PTFE liners). Ball - Alloy steel, heat treated, hard chrome plated.				High Performance/High Strength Alloy - Precision Heavy Duty Shank (PTFE Liners Available)	
XM-4	XB-4			1/4	5/16-24	3,467	\$13.00
XM-5	XB-5			5/16	3/8-24	5,323	\$14.75
XM-6	XB-6			3/8	7/16-20	7,180	\$18.00
XM-7	XB-7			7/16	1/2-20	9,620	\$21.00
XM-8T	XB-8T			1/2	5/8-18	12,807	\$26.00
XM-10T	XB-10T			5/8	3/4-16	16,565	\$33.00
High Strength Alloy		Body - Alloy steel, heat treated, protective coated for corrosion resistance. Race - Alloy steel, heat treated, protective coated for corrosion resistance (Carbon steel with PTFE liners). Ball - Alloy steel, heat treated, hard chrome plated.				PTFE Liners Available	
AM-8T	AB-8T	AW-8T	AG-8T	1/2	1/2-20	16,238	\$35.00
AM-10T	AB-10T			5/8	5/8-18	17,955	\$47.50
AM-12T	AB-12T			3/4	3/4-16	28,081	\$62.50

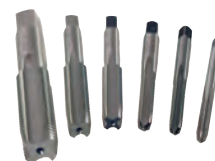
Jam Nuts



Size	Right Hand	Left Hand
1/4	\$0.20	\$0.45
5/16	\$0.20	\$0.45
3/8	\$0.25	\$0.50
7/16	\$0.35	\$0.60
1/2	\$0.50	\$0.60
5/8	\$0.60	\$0.85
3/4	\$0.75	\$1.00

Rod End Taps

Size	Right Hand	Left Hand
10-32	\$8.00	\$10.00
1/4-28	\$4.00	\$5.00
5/16-24	\$4.00	\$6.00
3/8-24	\$5.00	\$8.00
7/16-20	\$8.00	\$10.00
1/2-20	\$9.00	\$11.50
5/8-18	\$15.00	\$25.00
3/4-16	\$21.00	\$29.00



Steering Shaft Support

Made .007" oversized especially for 3/4" steering shaft

No need to grind out standard rod end or sand down shaft

Threaded 3/4-16 R.H

#AUR-CM12-12
\$21.50



Jack Bolt Tap & Die

These 1 1/8"-12 hard to find taps and dies are used for chasing threads on jack bolts and jack bolt sleeves used on most stock cars.

Tap
#TAP-4489373
\$55.00

Die
#TAP-88438155
\$40.00



Mittler Bros. Machine & Tool

Power Drive Bead Rollers

Standard (1-1/8" Throat) Bead Rollers Max. Capacity:

- 19 ga. (.040") Mild Steel
- 16 ga. (.050") Aluminum
- 21 ga. (.035") Stainless



24" Power Drive Bead Roller
#MBT-210-24
\$840.00



36" Power Drive Bead Roller
#MBT-200-36
\$995.00



42" Power Drive Bead Roller
#MBT-200-42
\$1195.00

180° Manual Tube Bender

Includes 1 Shoe Set

Other Shoe Sets Sold Separately

Capacity: Tubing 3/8"-1" OD .049" Wall to .095" Wall



Includes Shoe Set
#MBT-950
\$425.00

90° Hydraulic Tube Bender

Hydraulic Pump & Shoe Sets Sold Separately

- 25 Tons of Hydraulic Power
- Portable at 60 lbs, No Need to Anchor
- Small & Med. Adjustable Saddles Included
- Bends Mild Steel, Stainless, Alum., 4130 Tubing & Pipe
- Engraved Reference Scale for Easy Repeatability
- 3/4" to 2" OD "Standard Size"
- Bends Square Tubing 3/4" to 2"
- 1 Hour Instructional DVD Included
- Max Cap. Tubing 2" OD .125" Wall
- Max Cap. Pipe 1-1/2" (1.90" OD) .145" Wall



Hydraulic Pump & Shoe Sets
Sold Separately
#MBT-900
\$1195.00

180° Hydraulic Tube Bender

Hydraulic Pump & Shoe Sets Sold Separately

- 25 Tons of Hydraulic Power
- Digital Readout in 1° Increments for Repeatability
- Cam Action Follow Bar Pressure Release
- Bends Mild Steel, Stainless, Alum., 4130 Tubing & Pipe
- Rolling Stand with Locking Casters
- Rugged Rack & Pinion Drive
- 3/4" to 2" OD "Standard Size"
- Bends Square Tubing 3/4" to 2"
- Small & Medium Saddles Included
- Max Cap. Tubing 2" OD .125" Wall
- Max Cap. Pipe 1-1/2" (1.90" OD) .145" Wall



Hydraulic Pump & Shoe Sets
Sold Separately
#MBT-2500
\$3995.00

Made In The USA



Ultimate Tube Notcher - Single Speed

- 1° Swivel Vise Allows Quick & Accurate Setup
- End Mill Design for Fast Metal Removal
- 1/2" to 2" Capacity Standard
- Vise Capacity Can Be Upgraded from 3/4" to 2-3/8"
- Swivel Vise with 1° Increments
- V Block Design Means Quick Setup Time
- Optional Adjustable Vise for Offset Notches
- Max Diameter 2" OD Standard Vise, 2-3/8" OD Upgraded Vise
- 1 HP AC Motor 115 Volts / 15 Amp 1 Phase 60 Hertz



With Standard Vise
#MBT-400-S
\$4,495.00

Louver Press Kit

Hydraulic Pump Sold Separately

- Accepts All Bench Press & Louver Press Tooling
- 10-Ton Hydraulic Ram
- Die Mounting Plate
- Precision Slide Assembly
- Punching Capacity of 16 ga Mild Steel
- Bending Capacity of 3/16" Mild Steel
- One Set of Louver Dies Included
- Blueprints, Instructions for Building a 48" Throat Louver Press
- 1 HP AC Motor 115 Volts / 15 Amp 1 Phase 60 Hertz



Size	Part No.	Price
1"	MBT-500-LA-041	\$1,725.00
2"	MBT-500-LA-042	\$1,725.00
3"	MBT-500-LA-043	\$1,725.00
4"	MBT-500-LA-044	\$1,725.00
5"	MBT-500-LA-045	\$1,725.00
3" Dome	MBT-500-LA-046	\$1,725.00
4" Dome	MBT-500-LA-047	\$1,725.00

Comes with Hydraulic Ram & Slide Assembly



Manual & Hydraulic Bench Presses

3 Ton Manual Bench Press & 5 Ton Hydraulic Bench Press

Hydraulic Pumps Sold Separately

- Spring Loaded Center with Slug Ejector Assembly & Arbor Nut Wrench
- Lower Punch / Flare Adapter & Bolt
- Upper Punch / Flare Adapter & Bolt
- Can be used as a Standard Press or Arbor Press
- Mount Tooling for straight in use or rotate 90° for side to side use
- 1 HP AC Motor 115 Volts / 15 Amp 1 Phase 60 Hertz

Capacities:

12" Deep Throat

3" Maximum clearance between tooling

Max. Tooling Cap. 3" Punch & Flare & 16 ga. Mild Steel



3 Ton Manual Bench Press
#MBT-2200-M
\$670.00



5 Ton Hydraulic Bench Press
#MBT-2200-H
\$795.00

Boyd-Built Brakes



Made In The USA



Racer Sheet Metal Brakes

Built with Quality in the USA
Priced economically

Part No.	Description	Weight (Lbs.)	Price
BOY-720	7'2" X 20 ga	495	\$1,850.00

Heavy Duty Sheet Metal Brakes

Heavy Duty Brake Features:

- 1" Radius Bar
- Cam-Lock Design
- Bronze Hinge Bushings
- 1/2" Plate Construction
- Adjustable Tension Bars
- Adjustable Counterweights

Part No.	Description	Weight (Lbs.)	Price
BOY-416	4' X 16 ga	565	\$2,495.00
BOY-414	4' X 14 ga	595	\$2,895.00
BOY-412	4' X 12 ga	650	\$3,250.00
BOY-616	6' X 16 ga	750	\$3,350.00
BOY-614	6' X 14 ga	995	\$3,695.00
BOY-612	6' X 12 ga	1075	\$3,895.00
BOY-818	8' X 18 ga	895	\$3,350.00
BOY-816	8' X 16 ga	1295	\$3,850.00
BOY-814	8' X 14 ga	1375	\$4,450.00
BOY-1018	10' X 18 ga	1275	\$4,850.00
BOY-1016	10' X 16 ga	1475	\$5,750.00



3-In-1 Combo

30" 3 in 1 Combination of Shear, Brake, & Roll

Shear: Cuts full 30" width of 20 ga. mild steel

Press Brake: Sectional Fingers allows box and pan work up to 30"

Slip Roll: Uses 1 1/2" diameter rolls with wire-forming grooves.



#ENC-130-5610
\$534.73

Weight 340 lbs.

Take it to the race track for those emergency repairs. Perfect for testing sessions.

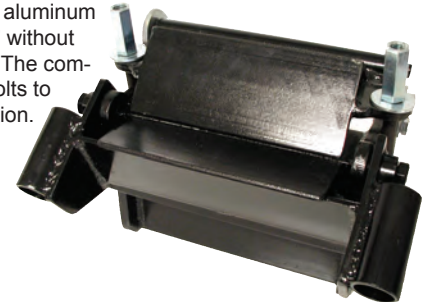
Not Recommended for everyday shop use.

Enco

Plate Brake

Bends Metal, mild steel or aluminum up to 1/8" x 6", or 1/4" x 2" without scarring it with a hammer. The compact rugged plate brake bolts to your workbench for operation. Handle not included.

#LOW-LPB
\$260.00



Prices FOB Factory

Williams
LOWBUCK® TOOLS

National SHEET METAL BRAKES

Made In The USA

Bench Top Models

Simplicity of design allows these brakes to work in the most direct fashion. Easy to set up and operate. Body sections are welded steel plates with heavy truss rods and braces for longer life and greater strength. These brakes are standard with extension handles, counterweight, apron stop for repeat bends, and replaceable bushing at point of wear.



Model No.	Bending Length	Gauge Capacity	Finger Width	Weight (Lbs.)	Price
S4816	48 1/4"	16	NA	470	\$1,250.00
U4816	48 1/4"	16	2", 3", 4"	500	\$1,352.00

Standard Floor Models

NATIONAL offers these hand brakes with a great deal of pride. A simple design, utmost strength with a long life of dependable service. Stream-line design for fast, accurate bending even for the inexperienced workman. Heavy steel body construction with extra heavy tie rods for perfect alignment. Precision bearings on the apron assures you of a smooth operating brake. These brakes come with a full year warranty.



Model No.	Bending Length	Gauge Capacity	Weight (Lbs.)	Beam Adjustment	Price
N4812	49"	12	1059	1"	\$3,692.00
N7212	73"	12	1800	1"	\$4,135.00
N9616	97"	16	1600	1"	\$4,110.00
N9614	97"	14	1750	1"	\$4,630.00
N12016	121"	16	2800	1"	\$5,932.00
N12014	121"	14	3200	1"	\$6,324.00

Box & Pan Floor Models

Four popular floor model box and pan brakes designed to be easy and simple to operate. Standard with 2", 3" and 4" finger widths, stop rods for repeat bends, two large counter weights, and precision bearings on the apron. All steel body construction with extra heavy tie rods for minimum deflection.



Model No.	Bending Length	Gauge Capacity	Finger Width	Weight (Lbs.)	Price
U4812	49"	12	2", 3", 4"	1150	\$4,110.00
U7216	73"	16	2", 3", 4"	1850	\$4,680.00
U7212	73"	12	2", 3", 4"	2100	\$5,098.00
U9616	97"	16	2", 3", 4"	2200	\$5,515.00

BRAKES

TENNSMITH SHEET METAL BRAKES



Bench Model Hand Brakes

TENNSMITH'S bench-mounted hand brakes are rugged, dependable USA-made tools that won't break your budget. These brakes are of all-steel welded construction, readily adjustable and utilize bronze bearings at pivot points.

Model No.	Bending Length	Gauge Capacity	Finger Width	Weight (Lbs.)	Price
HBU48-16	48 1/4"	16	2", 3" & 4"	495	\$1,465.00
HBS48-16	48 1/4"	16	NA	460	\$1,295.00
U48-22	48 1/4"	22	2", 3" & 4"	280	\$895.00
S48-22	48 1/4"	22	NA	220	\$695.00



Shown with optional stand

Heavy Duty Hand Brakes

TENNSMITH'S heavy-duty hand brakes are designed and built for long service and accurate bending. Welded steel plate construction and heavy truss rods and braces provide strength and durability. These brakes have the rigidity required for upper beam adjustment without the use of wrenches. Equipped with thrust bearings, the upper leaf adjustment screws permit quick, accurate alignment for different material thicknesses or radii. Comes with fully adjustable counter balances to facilitate the bending process and replaceable nose bar and apron inserts.

Model No.	Bending Length	Gauge Capacity	Weight (Lbs.)	Beam Adjustment	Price
HB48-12	49"	12	1100	1/2"	\$3,465.00
HB73-16	73"	16	1200	1/2"	\$3,575.00
HB97-18	97"	18	1385	1/2"	\$3,780.00
HB97-16	97"	16	1675	1/2"	\$4,300.00
HB97-12	97"	12	2800	1/2"	\$6,900.00



Box & Pan Hand Brakes

TENNSMITH'S HBU Series box and pan hand brakes are an economical tool for a wide range of sheet metal bending and forming operations. Ample clamping and nose bar adjustments allow for the bend radius necessary for your application. Welded steel plate construction and heavy truss rods and braces provide strength and rigidity.

These brakes feature a removable apron insert for 1/4" bends in lighter material. Ductile steel clamp handles, heavy counterweights and an apron stop rod add to the brake's ease of operation. The removable fingers are case hardened for long service.

Model No.	Bending Length	Gauge Capacity	Finger Width	Weight (Lbs.)	Price
HBU48-12	48-1/4"	12	2", 3", 4"	1330	\$4,095.00
HBU72-16	72"	16	2", 3", 4"	1700	\$4,595.00



Roper Whitney SHEET METAL BRAKES

Roper Whitney's Connecticut brand sheet metal brakes are all steel welded construction. They feature bushings or pins at points of wear. Plastic handle grips are standard. Beam adjustment allows up to 1/8" setback from edge of bed.



Roper Whitney

Straight Sheet Metal Brakes

Model	Bending Length	Capacity	Counter Weights	Depth of Box/Pan	Weight (Lbs.)	Price
816	8'1"	16 ga.	2 Incl.	1-5/8"	1640	\$4,250.00
1016	10'1"	16 ga.	2 Incl.	2-1/4"	2660	\$6,450.00
1018	10'1"	18 ga.	2 Incl.	1-5/8"	2200	\$5,500.00



Box & Pan U-Model Brakes

Model	Bending Length	Capacity	Counter Weights	Depth of Box/Pan	Weight (Lbs.)	Price
U422	4'-1/4"	22 ga.	N/A	3"	280	\$1,195.00
U416	4'-1/4"	16 ga.	1 Incl.	4"	495	\$1,595.00



Leg Kit

- Converts bench model brakes to floor model brakes
- Heavy wall square tubing
- Comfortable working height
- Powder coated

For 22 ga. brakes
#U422LK
\$140.00

For 16 ga. brakes
#U416LK
\$150.00



MAGNABEND

Model	Description	Capacity	Maximum Sheet Length	Weight (Lbs.)	Price
MBB-4181	4'/115V	18 ga.	48"	290	\$2,950.00

Other sizes available - call for details & pricing



Magnabend offers performance characteristics no conventional bending brake can match. The unique electromagnetic design of the keeper clamping system allows you to form many complex shapes not possible before. Plus, Magnabend can handle all regular shapes in light ferrous and nonferrous sheet metal (up to 4' wide, 18 ga.) in a simpler, less time consuming and efficient manner.

The rugged simple construction incorporating only one moving part assures low maintenance and versatility for all light duty forming requirements.

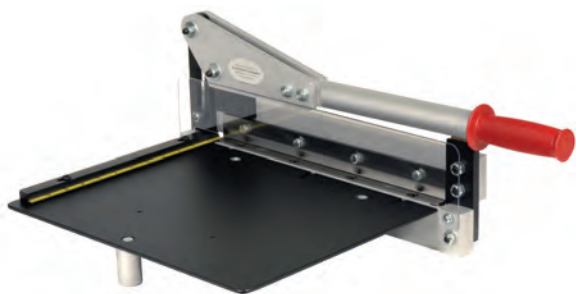
A wide variety of complex shapes can be formed with Magnabend. These include rolled edges up to 330°, partial length bends, closed shapes, unlimited depth for boxes and heavier material bends (up to 10 ga.) in shorter widths.

Design Features Assure Quality

Simplicity is evident in Magnabend's electromagnetic design which eliminates a conventional upper beam and more complex finger arrangements. Keepers (clamping members) are simply positioned over the workpiece and are clamped in place electromagnetically when the bending beam is raised. Keepers self-adjust for material thickness as the apron moves.



ACCUCUTTER® 12" Modular Shear



12" Modular Shear
Must specify blade
Metal, Plastic or Combo
#ACC-2001EVO
\$359.00

The Accucutter® 2001EVO incorporates the "Reduced Effort" modifications, bronze bushings for durability and the new Blade Stabilizer, which permits trimming of harder materials, in a more compact and lighter shear. Standard features include the Step Ruler, Curved Power Blades & redesigned Drop Off Gauge. Order with blades for metal, plastic or combination.

Specifications & Material Capacity

Aluminum040"
Brass025"
Flexible Plastic125"
Brass Plated Steel020"
Size	23"L x 15"W x 8"H
Weight	Approx. 25 lbs.



Optional Accessories
Tru-Square Guide

\$35.00

Tru-Square Ruler

\$45.00

Guide & Ruler

\$80.00

Drop Off Bar

\$50.00



National SHEET METAL SHEARS



Extra heavy cast iron body with solid 4-edge high carbon, high chromium blades. Quick adjusting back gauge for direct reading with a positive lock standard with table gauges and front arm extensions.

Foot Shear 52" 16 ga.

NATIONAL foot shears are designed for precise shearing up to 16 ga. mild steel. This shear is also recommended for shearing aluminum, plastic, copper, brass, and lead. All cast iron body with four cutting edge high carbon, high chromium blades, back gauges, front gauges, side gauges, spring actuated hold-down, clear plastic finger guard, front arm extensions, bottom treadle safety stop, and three year warranty on parts.



Hydraulic Shears

NATIONAL heavy duty power shears are equipped with a fully integrated hydraulic unit. Complete with electrical hydraulic valve, pilot operated pressure relief valve, heavy duty foot switch that allows this unit to return to the top of the stroke when the operator removes his foot from the foot switch. Heavy duty double acting cylinders. Fully enclosed control panel. Includes three year warranty on parts.

The National shear is actuated by a portable shrouded electric foot switch attached to a long flexible cable so it may be positioned comfortably for the operator.

Air Shears 52" 16 ga. 52" 12 ga.

NATIONAL offers two heavy duty all cast iron body air shears. These air shears are standard with four cutting edge carbon high chromium blades, front arm extensions, table gauges, back gauges, heavy duty foot switch, two air cylinders, and three year warranty on parts. We recommend 100 PSI or more for ideal cutting pressure.

Model No.	Capacity	Strokes Per Minute	Cutting Length	Weight (Lbs.)	Price
N5216 (Foot Shear)	16 ga.	-	52"	935	\$3,440.00
NA5216 (Air)	16 ga.	40	52"	1400	\$6,452.00
NA5212 (Air)	12 ga.	40	52"	1600	\$8,110.00
NH5216 (Hyd)	16 ga.	25	52"	1400	\$7,543.00
NH5212 (Hyd)	12 ga.	25	52"	1600	\$9,782.00
NH5210 (Hyd)	10 ga.	25	52"	1950	\$11,858.00
NH4825 (Hyd)	1/4"	20	48"	5000	\$18,284.00
NH7225 (Hyd)	1/4"	20	72"	6000	\$23,613.00
NH12025 (Hyd)	1/4"	20	121"	11000	\$33,300.00

Roper Whitney SHEET METAL SHEARS

Foot Shears



Roper Whitney Hydraulic Shear

Roper Whitney foot squaring shears are the industry's most accurate. They are easy to operate and offer precise shearing, long life and dependability. Shatterproof transparent finger guards are among their safety features. All are provided with precise gauging and holdowns for cutting accuracy.

The No. 152 shears offer triple-action shearing which includes relief on both edges of both the fixed and moving blades. It eliminates blade-to-blade friction, provides "bite" to eliminate sheet movement under shearing stress and produces double penetration in the cutting action. All contribute to easier operation.



No. 152 Pexto

No. 152 Replacement blades \$325.00 ea. (2 required)

Compact, fully-integrated, hydraulically powered units. Ideal for many light gauge shearing applications. Equipped with big shear operating controls. Fast, smooth, oil-cushioned action. Both moving and fixed blades are shearing blades of Hi-Speed steel. One piece cast shear bed is recessed for easy sheet handling. Standard equipment includes back, front, and side gauges, bevel gauges, front arms and transportation finger guard. Bed is machined for optional side extension squaring gauge.

Other Features include:

- Fully enclosed control panel, with magnetic starter, selector switch and relays
- Single or continuous stroke operation
- Heavy duty foot switch. If released anywhere in the stroke, crosshead returns to "up" position
- Pressure relief valve to prevent overloading
- Electric solenoid hydraulic valving for instantaneous response
- Dial stroke control - accessible adjustment with stroke length indicator
- Hydraulic power uniformly applied through double-acting cylinders
- Standard Motor 2hp; 1800 RPM; 3-phase



Price	\$3,550.00	\$16,500.00	\$7,950.00
Specifications	No. 152 Pexto	No. G52	No. PH425
Maximum shearing length	52"	52"*	52"
Maximum back gauge range	25"	25"	25"
Maximum front gauge range	30"	30"	37"
Maximum slitting gauge range	-	18"	-
Floor space, gauges in position	66" x 76"	91" x 78"	66" x 76"
Maximum rated capacity, mild steel	16 ga.	16 ga.	16 ga.
Shipping Weight (lbs)	1,000	1,850	1,350

* For standard shearing. Length unlimited when using as a slitter (up to 18" widths)

TENNSMITH FOOT SQUARING SHEAR

Foot Shear



TENNSMITH'S squaring shear offers precision shearing and rugged construction at an affordable price. The shear frame, bed and cutter head assemblies are constructed of heavy-duty cast iron. The shear bed is machined and then surface ground to precision tolerances to ensure an accurate working surface.

Both the upper and lower blades have a 2-degree edge relief and the lower blade has an additional 1-degree face relief for maximum material penetration with minimum effort.

The lower shear blade is bedadjusting and the upper blade is adjustable by means of a truss bar on the cutter head. The spring-activated hold-down feet clamp the work piece securely in place and are easily adjustable to compensate holding pressure for light or heavy gauge material. Standard equipment includes a back gauge, front extension arms with stop, bevel gauge and graduated side scales.

Price	\$2,860.00
Specifications	Model 52
Maximum shearing length	52-1/4"
Maximum back gauge range	30"
Maximum front gauge range	37"
Floor space, gauges in position	60" x 80"
Maximum rated capacity, mild steel	16 ga.
Shipping Weight (lbs)	950



Slip Rolls

Manual Slip Rolls

TENNSMITH
A Family Tradition Since 1928

TENNSMITH'S slip rolls combine precision-turned, ground and polished high carbon steel rolls with heavy-duty, cast iron end frames and a welded steel base to make an accurate and durable forming roll. Convenient operating features include large roll adjusting screws, scales for speeding repeat set-up, and a front-mounted handle to lift the upper roll for material removal. Wire grooves are standard. All gears are fully enclosed for safety and protection from the elements.



No. SR24
Shown with opt. stand



No. SR48
Shown with opt. stand



No. SR36
Shown with opt. stand

	SR24	SR36	SR42	SR324	SR336	SR342	SR48
Price	\$780.00	\$895.00	\$995.00	\$945.00	\$1,045.00	\$1,150.00	\$3,550.00
Capacity mild steel (ga.)	20	22	24	20	22	24	16
Max. sheet length	24	36	42	24	36	42	49
Roll diameter (in.)	2	2	2	2	2	2	3
Gearing ratio	-----Direct Drive -----			1:1	1:1	1:1	4:1
Wiring grooves (in.)	3/16, 1/4, 5/16	3/16, 1/4, 5/16	3/16, 1/4, 5/16	3/16, 1/4, 5/16	3/16, 1/4, 5/16	3/16, 1/4, 5/16	3/8, 1/2, 5/8
Shipping Weight (lbs.)	190	250	270	215	275	295	1100

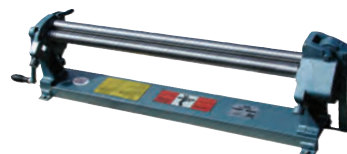
Roper Whitney

PEXTO

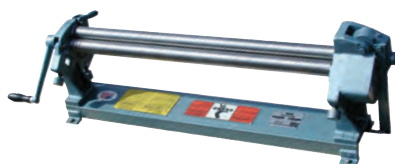
Manually Operated Work rolls of precision turned and ground high carbon steel. 2", 2 1/2", and 3" diameter rolls with wiring grooves and fully enclosed gear housings. 2" & 2 1/2" dia. have two driven rolls with 3rd roll drive optional; 3" has three driven rolls. Two handles provided for 2 1/2" & 3" sizes only. Upper roll lifts for convenient removal of workpiece. Bench mounted, with welded steel cabinet stand available. The rear rolls of No. 416 and No. 418 are provided with three full length longitudinal grooves.



No. 383



No. 0381



No. 381



Optional Floor
Mount Stand

	No. 383	No. 381	No. 0381	No. 390	No. 392	No. 416	No. 418
Price	\$995.00	\$1,095.00	\$1,295.00	\$3,725.00	\$3,925.00	\$3,750.00	\$3,950.00
Capacity mild steel (ga.)	20	22	24	16-18	20-22	16	18
Max. sheet length	24	36	42	36	48	36	48
Roll diameter (in.)	2	2	2	2 1/2	2 1/2	3	3
Gearing ratio	-----Direct Drive -----			2.4:1	2.4:1	4:1	4:1
Wiring grooves (in.)	3/16, 1/4, 5/16	3/16, 1/4, 5/16	3/16, 1/4, 5/16	1/4, 9/32, 5/16, 3/8	1/4, 9/32, 5/16, 3/8	3/8, 1/2, 5/8	3/8, 1/2, 5/8
Shipping Weight (lbs.)							

JET



Model	SR-2024	SR-2236	SR-1650
Price	\$649.00	\$729.00	\$2,375.00
Capacity Mild Steel--	20 ga.	22 ga.	16 ga.
Max. Forming Length	24"	36"	50"
Number of Rolls	3	3	3
Diameter of Rolls	2"	2"	3"
Min. Forming Radius	1"	1"	2"
Wire Grooves	3/16", 1/4", 5/16"		1/4", 5/16", 3/8"

Enco

Perfect for the small race team or fab shop. Attention Late model racers! Roll out those aluminum fenders! Make them yourself and save money!

Model	130-4501	130-4511	130-5501
Price	\$439.09	\$483.80	\$997.43
Maximum Roll Length	24"	36"	50"
Capacity	20 Ga.	22 ga.	16 Ga.
Diameter of Rolls	2"	2"	3"
Minimum Radius	1"	1"	1.5"
Weight	225 lbs.	273 lbs.	570 lbs.



Optional Stand #130-5075 \$219.98

ACCUCUTTER®

The Accucutter® PR12W precision roller is a three-roll roller that is used to form metal into an infinite variety of rolled shapes. Improvements include polished & ground rollers, oil impregnated bearings, knurled thumbscrews, stronger gears, aluminum handle and wire grooves.



#ACC-PR12W
\$435.00

Specifications & Material Capacity

Aluminum040"
Half Hard Brass.030"
Mild Steel020"
Wire Groove sizes.063", .125", .156"
Size.	23"L x 6"W x 7"H
Weight.	18 lbs.

NATIONAL

Power Slip Roll



Model	NR4816	NR7216
Price	\$6,763.00	\$8,220.00
Capacity	16 Gauge: 1.6mm	16 Gauge: 1.6mm
Max. Forming Length	48 1/4"/1226mm	72 1/4"/1835mm
Diameter of Roll	3"/76mm	4"/102mm
Min. Forming Radius	1 1/2"/38mm	2"/51mm
Wire Grooves (Opt.)	3/8", 1/2", 5/8"/10mm, 13mm, 16mm	3/8", 1/2", 5/8"/10mm, 13mm, 16mm
Roll Speed	18 rpm/14.13 sfpm	18 rpm/14.13 sfpm
Motor:		
110-220 Single PH		
208-220-440 3 PH	1 hp	1 hp
Floor Space (l x w x h)	64" x 37" x 44 1/2" 1626 x 940 x 1130mm	88" x 26" x 43 3/4" 2335 x 660 x 1111mm
Shipping Weight	970lbs/440kgs	1740lbs/814kgs

Belts, Discs & Blades

Bimetal Matrix Blades for Ellis Mobile Mitre Band Saws

Model	Price	Length	Width	Thickness	# of teeth per inch
1100	\$27.50	8' 0"	1/2"	0.025	6/10VT, 8/12VT, 10/14VT*
1200	\$37.50	8' 6"	5/8"	0.032	5/8VT*, 6/10VT*, 10/14VT*
1500	\$40.00	9' 6"	3/4"	0.032	4/6VT, 5/7VT*, 8/12VT, 10/14VT*
1600	\$47.50	10' 0"	1"	0.035	2/3VT, 3/4VT, 4/6VT,
1800	\$50.00	11' 0"			5/7VT, 6/10VT,
2000	\$60.00	12' 0"			8/12VT, 10/14 VT*

* Most Common

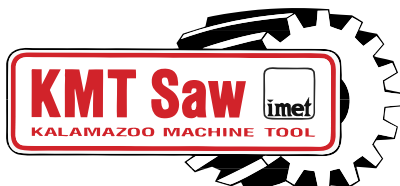
Bimetal Matrix Blades for Enco Band Saws

Part No.	Length	Width	# of teeth per inch	Price
ENC-SB-12645	64 1/2"	1/2"	10/14VT	\$25.00
ENC-SB-38113	113"	3/8"	10/14VT	\$35.00



Part No.	Description	Price
Sanding Belts		
ENC-SB-648-40	Belt - 6" x 48" 40 Grit	\$11.00 ea.
ELL-SB-36	Belt - 2 1/2" x 60" 36 Grit	\$7.50 ea.
ELL-SB-50	Belt - 2 1/2" x 60" 50 Grit	\$7.50 ea.
ELL-SB-80	Belt - 2 1/2" x 60" 80 Grit	\$7.50 ea.
Sanding Discs		
ENC-SD-12-40	Sanding Disc 12" 40 Grit	\$7.50 ea.

Cold Saws



KMT Saw

10 reasons for choosing a circular cold saw:

- **Price** - Economical purchase price
- **Simple Operation** - Uncomplicated and very easy to understand and use
- **Maintenance** - Proper maintenance is simple, and very little is required
- **Size** - Compact and takes up very little room in your shop
- **Cost per cut** - Saw blades can be resharpened and retooled
- **Finish** - High quality surface finish with burr free cuts
- **Squareness of cut** - Saw blade is a very rigid tool, holding very accurate tolerances
- **Time of cut** - Circular saw cutting times are very fast
- **Miters and Angles** - Easy and accurate with minimum set up time
- **Versatility** - The above listed characteristics make these machines the most versatile in your shop

SPECIFICATIONS C315/C350:

Recommended Capacities:

Round - 4.5"
Square - 3.75"
Rectangular - 3.75" x 5" wide

Spindle RPM - 30/60
Blade Specifications - 14"
Motor - 3.5 H.P.
Net Weight - 616 lbs.

Standard Equipment:
TEFC Motor
Totally Enclosed Transmission
24-Volt Control
Machine Stand- (Except C250)
HSS Saw Blades
All Safety Guards
Operator Manual/ Parts List

Call For Pricing



Heavy Duty Horiz/Vert Band Saw

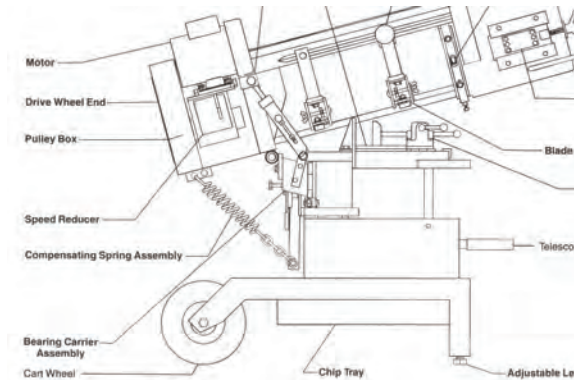
Enco



2 Machines-
In-One. Instant
Change To Verti-
cal Cutting

Model No.	505-6840
Price	\$316.66
Horizontal Capacity (Round)	5"
Horizontal Capacity (Rectangular)	5"x6"
Throat Depth	4 1/8"
Work Table Size	6 1/2" x 10"
Vise Tilts	45°
Blade Size	1/2" x .025 x 64 1/2"
Speeds (SFPM)	80, 120, 200
Motor	1/3 HP, 1720 RPM
Height, Vertical	54 1/4"
Height Horizontal	38"
Length	38"
Width	12"

Ellis Mobile Mitre Band Saws



Features

- Head Moves Left or Right For Angle Cutting
- Stock Remains In One Position For All Cuts
- One Step Conversion from Horizontal to Vertical Band Saw
- Built In Protractor for Fast Accurate Selection Of Angles
- Sealed oil bath gear standard
- Removable chip tray included



Specifications	Model 1100	Model 1200	Model 1500	Model 1600	Model 1800	Model 2000
	\$3,095.00	\$3,195.00	\$3,295.00	\$3,395.00	\$3,895.00	\$4,595.00
Capacity	8 3/4" Round at 90°	8 3/4" Round at 90°	10" Round at 90°	10" Round at 90°	11" Round at 90°	11" Round at 90°
	10" flat at 90°	10" flat at 90°	11" flat at 90°	11" flat at 90°	14" flat at 90°	17" flat at 90°
	6 1/2" round at 45°	6 1/2" round at 45°	6 7/8" round at 45°	6 7/8" round at 45°	9" round at 45°	11" round at 45°
	6 1/2" flat at 45°	6 1/2" flat at 45°	7 1/4" flat at 45°	7 1/4" flat at 45°	9.5" flat at 45°	11" flat at 45°
Blade Speeds	70-135-250 FPM	70-135-250 FPM	70-135-250 FPM	70-135-250 FPM	70-135-250 FPM	70-135-250 FPM
Blade Size	8'0" x 1/2" x 0.025	8'6" x 5/8" x 0.032	9'6" x 3/4" x 0.032	10' x 1" x .035	11' x 1" x .035	12' x 1" x .035
Head Pressure	Hydraulic Cylinder	Hydraulic Cylinder	Hydraulic Cylinder	Hydraulic Cylinder	Hydraulic Cylinder	Hydraulic Cylinder
Vise	Quick Adjusting	Quick Adj - Deluxe	Quick Adj - Deluxe	Quick Adjusting	Quick Adjusting	Quick Adjusting
Shut-off	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Motor	1/2 HP, 110 V, 60 hz, 1 PH	3/4 HP, 110 V, 60 hz, 1 PH	3/4 HP, 110 V, 60 hz, 1 PH	1 HP, 110 V, 60 HZ, 1 PH	1 HP, 220 V, 1 PH	1 1/2 HP, 220 V, 1 PH
Portable	10" wheels standard	10" wheels standard	10" wheels standard	10" wheels standard	Not Portable	Not Portable
Shipping wt.	370 lbs.	385 lbs.	435 lbs.	475 lbs.	550 lbs.	800 lbs.
Size	Table Ht - 26 1/2"	Table Ht - 26 1/2"	Table Ht - 27 1/4"	Table Ht - 27 1/2"	Table Ht - 28"	Table Ht - 28 1/8"
	Length - 50"	Length - 50"	Length - 55 3/4"	Length - 59 1/4"	Length - 64"	Length - 72"
	Width - 23"	Width - 23"	Width - 24 3/4"	Width - 24 3/4"	Width - 29"	Width - 34 1/4"
	Height - 44"	Height - 44"	Height - 45 1/2"	Height - 47"	Height - 47"	Height - 47"
Air System Cleans & cools blade \$250	Optional	Optional	Optional	Optional	Optional	Optional
10" x 16" Vert. Table blade guard \$75	Optional	Optional	Optional	Optional	Optional	Optional
Stock stand with Micro adj. gauge \$200	Optional	Optional	Optional	Optional	Optional	Optional
Single Stand -Tripod \$175	Optional	Optional	Optional	Optional	Optional	Optional

Jet Machinery



Model
VBS-2012

20" Vertical Band Saw
2HP, 230/460V, 3 Ph
150-1/2 - 156-1/2" Blade length
#414482
\$8,999.00

JET

Vertical Band Saws

Jet's heavy duty vertical band saws are a must when the job calls for contour sawing, beveling, slicing, ripping, or stack cutting.

- Designed for multiple uses cutting both ferrous & non-ferrous metals
- Variable speeds
- Multi-tilting worktable
- Blade and tire cleaning brush
- Blade welder, grinder, and cutter
- Worklamp
- Chip blower



Model
VBS-1408

14" Vertical Band Saw
1HP, 115/230V, 1Ph
1/2" X 114" Blade length
#414483
\$4,699.00

Combination Belt and Disc Industrial Machines

- 6" x 48" belt 2850 SPFM and 12" abrasive disc (1960 RPM)
- 1-1/2HP, 115VAC, 1 Ph motor
- Deluxe mitre gauge
- Belt Operates at any angle
- Fully machined balanced disc runs vibration free
- Table tilts to 45° out to 20°
- Heavy duty steel one piece stand

#414551
\$1,999.00



Model JSG-6CS



Model J-2550
20" Floor
1HP, 115V, 1Ph
#354402
\$1,199.00



Model J-2500
15" Floor
3/4HP, 115V, 1 Ph
#354400
\$699.00

Drill Presses

Standard Features

- Cast iron head
- Table tilts 45°
- Accurate depth stop
- Large quill for greater accuracy
- Spindle is supported by high quality ball bearings
- 5/8" drill chuck and arbor standard



Model J-2530
15" Bench
3/4HP, 115V, 1 Ph
#354401
\$649.00

Vertical Band Saws

Enco Vertical Bandsaws



- Will cut steel, aluminum alloys, cast iron, brass, even plastic or plexiglass
- Both models come complete with large capacity welder, blade cutter, blade grinder and work lamp
- 0.025" blade thickness
- Table inclination 15° front and back, 15° right and left
- Infinitely variable speed

#135-1545
\$2,978.88

#135-1551
\$3,351.68

Enco

Model	135-1545	135-1551
Vertical Bandsaw	14 3/4"	18"
Motor & electrical	1 HP, 220V, 1 PH	1 HP, 220V, 3 PH
Speeds SFPM	65 to 265	80 to 320
Capacity Thickness	9 1/4" Max	10" Max
Capacity Width	14 3/4" Max	18" Max
Table Size	19 3/4" x 19 3/4"	23 1/2" x 19 1/2"
Blade length	113"	136"
Blade width	3/8"	3/32" to 5/8"
Blade thickness	0.025"	0.025"
Height Floor to Table	39 1/4"	38 1/4"
Overall Height	68"	79"
Welder	2.0 KVA	2.4 KVA
Approx. Wt.	760 lbs.	770 lbs.



It is GROB's ongoing mission to be the standard by which all industrial bandsaws are measured. Their basic saw designs have kept pace with changing technologies. They have never lost sight that sound sawing principles are what our customers demand. GROB's current lineup meets and exceeds those demands by providing a range of products that match any metalcutting application. GROB saws are designed to deliver dependable operation year after year.

Grob 4V-18

Standard Equipment

- 3 hp. 230/460 Volt Motor
- Infinitely Variable Speed 40-5000 FPM
- Speed Indicator
- Balanced Cast Aluminum Saw Pulleys, Ball Bearing Mounted, Oil Resistant Rubber Facing
- Heavy Cast Iron Table - Tilt 45° down right, Tilt 5° down left
- 3/8" - 1/2" Single Pc. Saw Guide

#GRB-4V-18
\$8,295.00



4V-18



4V-24

Grob 4V-24

Standard Equipment

- 3 hp. 230/460 Volt Motor
- Infinitely Variable Speed 40-5000 FPM
- Speed Indicator
- Balanced Cast Aluminum Saw Pulleys, Ball Bearing Mounted, Oil Resistant Rubber Facing
- Heavy Cast Iron Table - Tilt 45° down right, Tilt 5° down left
- 3/8" - 1/2" Single Pc. Saw Guide

#GRB-4V-24
\$9,635.00

Sanders & Grinders

We stock replacement belts and discs for ALL models

BURR KING®

Model 760

Abrasive Belt Grinder - our most versatile machine. It offers contact, backup platen, worktable and loose belt grinding at 8000 S.F.P.M.



Model	Description	Price
BUR-70100	1 1/2 HP Motor 115/230V 1 phase	\$2,346.00
BUR-70303	1 1/2 HP Motor 230/460V 3 phase*	\$2,951.00
BUR-70503	2 HP Motor 230/460V 3 phase*	\$3,020.00
BUR-70703	3 HP Motor 230/460V 3 phase*	\$3,126.00
BUR-73110	2 HP Motor 220V 1 phase Vari-Speed	\$3,548.00
BUR-01	PEDESTAL STAND	\$376.00
BUR-DS7	DUST SCOOP FOR 760	\$224.00

*Note: Cord and Switch not included on all 3 phase models
Magnetic switch available on all models

BURR KING®

Model 960

Features movement from vertical to horizontal position with standard 2 1/2" X 60" belt, recommended for contact wheel and platen grinding. Model 960-400 features a 4" x 60" belt. These units are available from 1 1/2 HP to 3 HP motors.



Model	Description	Price
BUR-92210	1 1/2 HP Motor 220v 1 ph Vari-Speed	\$3,350.00
BUR-90100	1 1/2 HP Motor 115/230v 1 phase	\$2,443.00
BUR-90303	1 1/2 HP Motor 230/460v 3 phase*	\$3,089.00
BUR-90503	2 HP Motor 230/460v 3 phase*	\$3,269.00
BUR-90703	3 HP Motor 230/460v 3 phase*	\$3,438.00
BUR-02	PEDESTAL STAND 29"	\$411.00

*Note: Cord and Switch not included on all 3 phase models
Magnetic switch available on all models

ELLIS Horizontal Belt Grinder



MFG. COMPANY, INC.

Features:

- Reduces Grinding Time
- Dependable and Safe
- Low Noise Level
- Quick Change Belt



Price	\$1,495.00
Model No.	6000
Belt Dimension	2 1/2" x 60"
Belt Grit	36 to 220
Belt Speed	5000 SFM
Platen Size	2" x 12 1/2"
Shipping Dimensions	Width - 24"
	Length 30"
	Height - 48"
Shipping Weight	185 Lbs
Motor	1 HP Special Duty 3450 RPM, 60 Hz 110/208 V, 230 V
Contact Wheel	Precision Balanced 6" Diameter, 2 1/2" Wide 70 Duro, Serrated
Belt Grits	36, 50, 60, 80, 100, 120, 180, 220
Optional	Work rest, safety shield, and adjustable dust chute \$100.00

JET Belt/Disc Grinder



Our most versatile grinder! The Jet Model JSG-6DC Belt/Disc grinder is probably the most used piece of equipment in any metal fabrication shop. The tiltable work surfaces allow you to grind exact angles and bevels. A lateral slot is machined into each table for use with the included protractor slider. If you have only one piece of machinery in your shop, this is the one to have.



Price	\$1,347.00
Model No.	JSG-6DC
Stock No.	708599K
Belt Dimension	6" x 48"
Disc Diameter	12"
Belt Speed	2500 SFM
Belt Table Tilt (Down, Up)	45°, 20°
Disc Table Tilt	45°, 25°
Shipping Weight	210 lbs.
Motor	1 1/2 HP 1 phase 115/230V, Prewired 115V
Stand JSG-6SA	Included

Combo Sander/Grinder

20" Disc Sander/Grinder

CONQUEST INDUSTRIES

Specifications

- Used for metal, wood, fiberglass and plastic
- Powered by BALDOR motor
- Miter gage standard
- Disc size = 12"
- Disc speed = 1960 rpm
- Disc table size = 9" x 16.375"
- Disc table tilt 20° up/45° down
- Belt size = 6" x 48"
- Belt Speed = 2850 SFM
- Belt table size = 7.25" x 14.75"
- Belt table tilt 20° up/45° down

Made In The USA

Specifications

- Used for metal, wood, fiberglass and plastic
- Equipped with a Dayton "On-Off" reversing switch
- Powered by BALDOR motor
- Miter gage standard
- Disc size = 20"
- Bolt-down base
- Working table = 27.25" x 15"
- Working height = 37.5"
- Direct motor drive
- Table can be tilted 35° upward and 45° downward
- Rack mechanism for raising & lowering table 32" x 30" floor space required
- Machine weight (approx.) = 310 lbs.



Model No.	Description	Price
DB301	115V 1 PH 1.5HP	\$1,495.00
DB302	220V 1 PH 2.0HP	\$1,495.00

Model No.	Description	Price
DG201	115V 1 PH 1.5HP - 1725 RPM	\$2,185.00
DG203	230V 3PH 2.0HP - 1740 RPM	\$2,185.00
DG202	230V 1PH 1.5HP - 1725 RPM	\$2,185.00
DG204	460V 3PH 2.0HP - 1740 RPM	\$2,185.00

Services at Irvan-Smith, Inc.

Our Shop Offers Many Services

- Custom Fabrication - Big & Small Jobs
- Sheet Metal Shearing - max. 10' x 1/4"
- Sheet Metal Bending - max. 8' x 16 ga.
- Tubing - Bending & Notching - max. 3/4" thru 1 3/4" .120 wall
- Sandblasting
- Tent/Canopy Rental 10x10 and 10x20
- Custom Carts and Wagons
- Metal Work Tables for Heavy Duty Jobs
- Scale Calibration & Repair on Longacre & Rebco Scales



Quit chasing your tail on your setup!



ISI Scale Calibration Services

Irvan-Smith, Inc. is an authorized Longacre scale calibration, repair and service facility. Be sure your scales are reading accurately. Our precision calibration unit will ensure that when you are scaling your car, you can be confident that your scale pads are adjusted, accurate and balanced.

To make sure your scales are performing at peak accuracy, have your Longacre scales serviced and calibrated at least once a year. **Call for details today!**

Made In The USA

Drill Presses

Enco ENCO Floor Drill Press

Features:

- Table tilts 45° both sides of center
- Rack and pinion table adjustment
- Closed hinge belt guard
- Graduated spindle travel stop

Swing	13"
Drilling Capacity	5/8
Spindle Taper	MT2
Quill Travel	3-1/8"
Chuck Capacity	5/8"
No. of Speeds	16 (250-3000)
Motor	1/2 hp
Electric	115/230v, 1PH
Overall Height	39-3/8"
Table Size	11-7/16" D
Table T-Slots	1/2
Table Tilt	45 Degrees
Column Diameter	2-7/8
Base Size	17-5/16 X 9-7/8
Approx. Weight	89 lbs.



Model 308-0056
\$378.25



Ellis 9400 Infinitely Variable 20" Drill Press



Model 9400
\$3,595.00

Optional Ball Bearing Chuck/Arbor
1/8" - 3/4" - \$150.00
Optional 4 5/8" Vise - \$250.00
Optional 6" Vise - \$300.00

Table size	15 7/8" x 17 7/8"
Speeds (RPM)	0-1200
Spindle Travel	5 3/8"
Drills to Center	18 1/8"
Drilling Capacity	Steel 1 1/16"
Drilling Capacity	Cast Iron 1 1/4"
Tapping Capacity	3/4"
Morse Taper	No. 3
Quill Diameter	3"
Column Diameter	4"
Spindle to table	27 1/4"
Base Size	16 3/8" x 26 5/8"
Overall Height	69 1/2"
Approx Wt.	675 lbs

This drill press is the overwhelming choice of most professional racing teams. It provides the speed and control of an expensive milling machine with the ease of use of a low cost drill press.

- Vary Your speed from 0 to 1200 RPM
- Adjust speeds while operating in material
- High torque at low RPM speeds
- Instantaneous reversing for tapping
- Tapping head is not needed
- Machine tap goes into ball bearing chuck
- Can tap either left of right handed threads
- Drill head and table rotate 360° around column
- Smooth operating table riser
- Fully enclosed spindle
- Includes Power Downfeed
- Quill lock and depth control
- 2 HP AC Motor
- 110/220V 1 phase

Enco Deluxe 52 pc Clamping Kit

For Machines such as Enco, Turn-Pro and Bridgeport

Includes:

- 24 Studs, 4 of each 1/2" dia 3", 5", 6", 7", 8" long
- 4 Coupling nuts
- 6 Forged steel step clamps, 2 each based on stud sets
- 6 T-nuts
- 6 Flanged nuts
- 6 Steel step blocks, 1" wide
- Comes in fitted steel rack that hangs on machines, or sits on the table



Model	Table Slot	Stud Size	Price	Weight
400-2376	3/8"	5/16"-18	\$87.27	16 lbs.
400-2438	7/16"	3/8"-16	\$112.64	18 lbs.
400-2501	1/2"	3/8"-16	\$102.49	18 lbs.
400-2562	9/16"	1/2"-13	\$88.28	23 lbs.
505-6544	5/8"	1/2"-13	\$84.22	27 lbs.
400-2688	11/16"	5/8"-11	\$146.14	29 lbs.
400-2751	3/4"	5/8"-11	\$147.15	29 lbs.

Bench & Engine Lathes

JET JET Belt Drive Bench Lathe

Design and Performance Features:

- Spindle is supported by precision tapered roller bearings
- Hardened and ground bedways
- Power longitudinal feed allows threading
- Standard 1 1/2" x 8 TPI spindle nose allows for many aftermarket accessories
- A reversing switch is included for added versatility
- Backlash adjustments are provided throughout the carriage
- The tailstock can be adjusted for taper cut
- Quick change gear box provides wide range of inch and metric threads

Standard Equipment

- 7" 4-jaw and 4" 3-jaw chuck with threaded back plate
- Face plate
- 4-way tool post
- Single tool post
- Steady and follow rest
- Metric change gears
- Threading dial
- Enclosed gear box

Optional Equipment

- Cabinet Stand (321374)



Lathe Only
#321376
\$2,199.00

Lathe w/ Cabinet
#321155K
\$2,499.00



Optional Stand
#JET-S-920N
#321374
\$379.00

Model	#BD-920W
Swing Over Bed	9"
Swing Over Cross Slide	5 5/16"
Distance Between Centers	20"
Hole Through Spindle	7/8"
Spindle Mount	1 1/2" x 8 TPI
Spindle Taper	MT-3
Number of Spindle Speeds	6
Range of Spindle Speeds (RPM)	130-2000
Number of Longitudinal Feeds	27
Range of Longitudinal Feeds (in/rev)	.0006-0.037
Number of Inch Threads	30
Range of Inch Threads	8-56 TPI
Number of Metric Threads	18
Range of Metric Threads (mm)	.04-3.5
Max Tool Size (in)	1/2" x 1/2"
Compound Slide Travel (in)	1 7/8"
Cross Slide Travel (in)	4-3/8"
Carriage Travel (in)	16"
Tailstock Spindle Travel (in)	1 9/16"
Taper in Tailstock Spindle	MT-2
Steady Rest Capacity	1/4 - 1-7/8"
Follow Rest Capacity	1/4 - 1-1/8"
Width of Bed (in)	4 1/2"
Overall Dimensions	42"L x 22"W x 21"H
Main Motor	3/4 HP, 1 PH, 115V only
Shipping Weight (approx. lbs.)	304

Enco

ENCO 14" x 40" Geared-Head Gap Bed Engine Lathe

16 Speeds 45-1800 RPM



Standard Equipment

- 8" 3-Jaw Chuck
- 10" 4-Jaw Chuck
- 12 3/4" Faceplate
- 6 1/4" Backplate
- Steady rest & Follow rest
- 3-MT Dead Center
- 3-MT Live Center
- 4 way Toolpost 1 1/4" Cap
- Chip Pan & Splash Guard
- Metric Change Gears & Threading Dial
- Coolant System & Foot Brake
- Toolbox with Tools

Model #308-0232
Weight 1940 lbs.
Low Price
\$6,598.98

Design and Performance Features

- Powerful 3 HP Motor, 220V, 3 PH
- Quick speed changes
- Hardened and ground bedways
- Totally enclosed gear box
- Removable gap block
- Spindle with tapered roller bearing
- Totally enclosed gear box
- Splash lubrication in headstock
- Jog button for easy gear engagement and spindle inching
- Full length splash guard
- Coolant system, footbrake

Model #308-0235
Weight 1940 lbs.
Low Price
\$8,098.98

TURN-PRO

TURN-PRO Heavy Duty 13" x 40" Gap Bed Engine Lathe

Combines High Speed and Precision



Design and Performance Features

- Powerful 3 HP motor, 3 PH, 220V
- Headstock with tapered roller bearings
- Meehanite casting
- 1 9/16" spindle bore diameter
- Induction hardened bed
- Splash lubrication in headstock
- Full length splash guard
- Thread chasing dial
- 2 stage leadscrew
- Chip tray
- Tang driven tailstock
- Non-asbestos foot brake
- Coolant system
- Change gears

Model #111-3115
Lathe
Low Price
\$8299.98

For Specifications
Go to
www.IrvanSmith.com

IRVAN-SMITH, INC.

Made in the USA

1027 Central Drive
Concord, North Carolina 28027
Phone 704-788-2554 800-221-7223
FAX 704-784-4120
E-Mail: info@irvansmith.com
Website: <http://www.IrvanSmith.com>

Since 1982



Lauren and Scott Smith
Oh, the places you can go in an Irvan-Smith pit cart!
About Us

Since 1982, Irvan-Smith, Inc. has provided customers with excellent service and low prices on quality tools and equipment. The Irvan-Smith story began back in 1952 when Vic Irvan began his love for racing in Salinas, California. He raced the dirt tracks all over California, won many championships and even won a Winston West Race in the 70's. Jo Irvan, Vic's wife, raced in many Powder Puff races and actually won a trophy before Vic ever did. Between the two of them and their son, Ernie, they have won enough trophies to fill a room or two.

Racing is a family sport and Kevin Smith, Vic's son-in-law and partner, spent his spare time at race tracks helping friends and family. After 4 years in the Air Force, Kevin worked as a millwright and also raced and won a few trophies himself. Vic and Kevin's partnership built a business that has provided customers with an expertise based on knowledge and experience that has helped meet many fabricating and racing needs. Sadly, Vic lost his short battle with cancer in 2009. Kevin, Tracy and Jo continue to run the business the way Vic did - taking care of the customers first and everything else second.

Located in Concord, NC in the heart of NASCAR country, the current Irvan-Smith, Inc. family includes: Jo Irvan, Kevin & Tracy Smith, Brian Currin, Darryl Church, Lauren Smith & Scott Smith. We all do our best each day to provide our customers with excellent service and low prices on quality tools and equipment. We want to thank you for your loyalty and your friendship. We are proud to say that we have been blessed with the best customers in the world! Thank you for more than 30 successful years.

Effective September 2015

- Prices in this catalog are subject to change without notice -

ORDER BY PHONE: 1-800-221-7223 - Hours 8:00 a.m. to 5:00 p.m. Monday thru Friday. You are assured of receiving prompt, courteous service from our sales staff. Visit <http://www.IrvanSmith.com> and order 24 hours a day!

NO MINIMUM ORDER REQUIRED!

SHIPPING: Most items can be shipped UPS, FedEx or USPS. All items shipped by truck must be prepaid and will be shipped FOB point of origin.

COD ORDERS: (Certified Check or Money Order). There is a COD fee charged plus Freight charges.

PREPAID ORDERS: You may use either Visa, Mastercard, Discover or American Express. Personal or Company checks may be held for 7 days, therefore a slight delay in shipping may result.

WAIVER AND WARRANTY: Irvan-Smith, Inc. will repair or replace any product manufactured by Irvan-Smith, Inc. found upon our inspection to be defective in workmanship or material within 90 days from the date of purchase. Irvan-Smith, Inc. will not be liable for any loss, damage, or injury arising from the use of any product we sell. **RACING IS A DANGEROUS ACTIVITY!** The user shall determine the suitability and safety of the product for its intended use, and the user assumes all responsibility and risk in connection therein.

RETURNS: No returns accepted without prior approval and RA number. Item must be in new/unused condition. A restocking fee will be charged. No returns accepted on special order items.

REFUNDS: Absolutely no refunds after 30 days.

FREIGHT CLAIMS: Any claims for damage or loss must be filed with carrier by purchaser.

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