Angle Finders and Levels

Digital Angle Gauge

Wixey Digital Angle Finder/Level is a handy tool for finding true bevel angles on a saw, tracking rotation of a tube during tube bending (with optional base), or setting up milling/drilling operations. The gauge can be "zeroed" at any point. The small body is only 2" x 2", and has a strong magnetic base. Each Wixey gauge comes with an additional battery for extra long usage. You will find a lot of applications for this gauge! The optional base will attach to round tubing or pipe that is 1" through 2" OD. The base also swivels independently of the gauge, so you can use it as a level.

WR300 Digital Angle Gauge..........................$39.99
Digital Angle Gauge and Bracket Combo...........$99.98
Angle Gauge Bracket Only (attaches to 1"–2" round tube)..........................$59.99

Digital Level

No shop should be without this handy digital level. Accurate to .1 degrees, the Digital Smart Tool runs for about 400 hours on a single 9 volt battery and has a automatic shut-off after 6 minutes. Displays degrees, slope % and pitch (in/ft) with arrows to show the direction to move towards level. The display inverts when the tool is moved beyond 90°. Fits into most standard levels with oval slot.

Digital Smart Tool (module only) SALES............$114.95
Deluxe Smart Tool 8 (includes 8" aluminum rail with magnetic base, shown above) SALE............$139.00

Digital Protractor

These digital protractors can be used in any plane and will help find precise angles with ease. Excellent for setting up a saw, calculating the correct angle for a bend, or measuring an existing part. Measures to .1 degrees.

WR410 Digital Protractor (9" long legs)...................$58.99
WR418 Digital Protractor (18" long legs)...............$74.99

Fractional Digital Calipers

Wixey Digital Calipers with Fractions are precision stainless steel calipers that display measurements in inches with fractions or millimeters. They are constructed of high quality hardened and ground stainless steel components. Wixey products incorporate our patent pending “Precise Fraction Technology”. This technology displays both decimal inches and fractions at the same time. The fractions only appear when they are almost precisely at the decimal equivalent (+/- .002”). This gives you at least 4 times the accuracy of other fraction displays. Includes carrying case, instruction manual, and additional battery.

WR100 Digital Calipers w/ Fractional Readout........$38.99

Terms: We ship UPS and accept Visa, Mastercard, American Express, Discover, and PayPal. Shipments via common carrier must be prepaid and will be FOB point of origin. No returns without prior approval. No returns after 30 days. Products must be in original package in new/unused condition. Returns must be shipped prepaid. A 15% restocking fee will be applied. Any claims for damage or loss must be filed with carrier by purchaser. Prices and specifications subject to change. Return policy fees are assessed on all returns.

Lease Terms: Posted lease prices are based off of the products pricing at the time of printing and are a customers best possible credit score. All posted lease pricing is subject to change and is not a guaranteed price. See website for online application and 30 day approval.
**Angle Finders & Levels**

**Torpedo Levels**
With their “no-compromise” design and superior quality, the Checkpoint Professional Levels are designed for portability, efficiency and professional durability. These levels feature rare-earth magnets for incredible holding power. CNC milled accuracy from billet 6061 aluminum alloy, and precision vials. They come with a lifetime guarantee on the “indestructible” bodies.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>303 Ultra Mini Mag SALE</td>
<td>$29.99</td>
</tr>
<tr>
<td>300 Ultra Mag SALE</td>
<td>$34.99</td>
</tr>
<tr>
<td>327 Laser Level SALE</td>
<td>$89.99</td>
</tr>
</tbody>
</table>

**Radius Check Gauge**
This radius check gauge by Proline is a valuable addition to any metal shapers tool box. Great for duplicating contours and assuring consistency in radiused sheet metal parts. Provisions for 0, .75”, 1”, 1.25”, 1.5”, 2”, 3”, 4”, 6”, 12”, 24”, 36” radii. CNC machined aluminum with durable red anodized finish.

Proline Radius Check Gauge: $36.50

**Angle Level Base**
ALB Combo 4 (up to 4” OD) ...........................................................................................
ALB Combo 4 (Angle Level 2 w/ ALB Base for up to 4” OD) Save $15!...$34.95

**Dial Levels**
For critical projects use the Angle Level to accurately set or measure angles. Unlike many products that stick, vibrate and bounce, the Angle Level settles smoothly to the angle due to its oil damped, ball bearing movement. The hairline pointers can be precisely aligned and the angle read off to each degree, then divided at the vernier scale to the stated accuracy. A strong magnet base allows hands-off use on ferrous metals. This is a high quality tool with lots of features, not like cheaper versions.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALB 2</td>
<td>(2/10”) (3.6” x 3.1”) (includes case)</td>
<td>$59.95</td>
</tr>
<tr>
<td>ALB 3</td>
<td>(1/20”) (5.5” x 5”, die cast housing w/ carrying case)</td>
<td>$169.95</td>
</tr>
</tbody>
</table>

**Tube Rotation Gauges**
Now, to complement our popular Angle Levels, we offer two sizes of Angle Level Base. These powder-coated steel clamps provide accurate plane of bend tracking on round tubes. Great for chassis or exhaust work!

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALB Angle Level Base (up to 2” tube)</td>
<td>$34.95</td>
</tr>
<tr>
<td>ALB/4 Angle Level Base (1-1/2” – 4” tube)</td>
<td>$44.95</td>
</tr>
<tr>
<td>ALB Combo (Includes Angle Level 2 &amp; ALB)</td>
<td>$79.90</td>
</tr>
<tr>
<td>ALB Combo 4 (Angle Level 2 w/ ALB Base for up to 4” OD)</td>
<td>Save $15! $89.90</td>
</tr>
</tbody>
</table>

**Tube Bender Survival Kit**
This kit features some of our best selling tube bending “Survival Tools.” Included are 5 products to use with your tubing bender to reduce scrap material and save time!

- **Digital Angle Gauge and Bracket:** Helpful to track rotation of tubing
- **Paste Lube:** Use this to save wear on your bending tooling

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube Bender Survival Kit</td>
<td>$379.95</td>
</tr>
<tr>
<td>Tube Bender Survival Kit w/ BT EZ</td>
<td>$229.95</td>
</tr>
<tr>
<td>Tube Bender Survival Kit w/ BT EZ-3D</td>
<td>$399.95</td>
</tr>
<tr>
<td>Tube Bender Survival Kit w/ BT Pro</td>
<td>$459.95</td>
</tr>
</tbody>
</table>

**Radius Gauges**
These inside and outside radius measuring gauges are sure to speed up complicated calculations and fabrication of roll bent materials. Applications such as handrails, spiral staircases, aircraft parts, boat railings, awnings, and more will benefit from this tool. An invaluable companion to any angle roll bending or plate roll machine. Kits include one inside and one outside radius gauge.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcMaster Large Radius Kit (6” – 144” Range)</td>
<td>$329.99</td>
</tr>
<tr>
<td>ArcMaster Small Radius Kit (2.5” – 30” Range)</td>
<td>$329.99</td>
</tr>
</tbody>
</table>

**Huth**
The Huth rotation dial indicators are the perfect companion to large diameter tube bending applications such as exhaust, turbo, and cold air intake systems. The 976 CC is used with all non-Huth bend data cards, and, as with the 996 dial, is the most accurate in the industry. Built with a rugged cast aluminum body and weighted indicator arm, they are sure to stand up in a rugged environment.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Huth 4” Centerline Radius Protractor</td>
<td>$105.00</td>
<td></td>
</tr>
<tr>
<td>5” Centerline Radius Protractor</td>
<td>$115.00</td>
<td></td>
</tr>
<tr>
<td>6” Centerline Radius Protractor</td>
<td>$125.00</td>
<td></td>
</tr>
</tbody>
</table>

**Angle Finders**
Find any inside or outside angle between 10˚ to 360˚. Choose from four different models.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle Finder I (plastic 6”)</td>
<td>$9.95</td>
</tr>
<tr>
<td>Angle Finder II (aluminum 20”)</td>
<td>$39.99</td>
</tr>
<tr>
<td>Angle Finder III (stainless 4”)</td>
<td>$59.95</td>
</tr>
<tr>
<td>Angle Finder IV (stainless 20”)</td>
<td>$79.95</td>
</tr>
</tbody>
</table>

**Bend Protractors**
These high quality bend protractors will help you duplicate bends found in existing parts. They are available for five different radii and can be used as a template for non-ferrous parts.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3” Centerline Radius Protractor</td>
<td>$309.95</td>
</tr>
<tr>
<td>5” Centerline Radius Protractor</td>
<td>$329.99</td>
</tr>
<tr>
<td>7” Centerline Radius Protractor</td>
<td>$449.00</td>
</tr>
</tbody>
</table>

**Toll Free Order Line**: 1-877-826-7268 OR 641-628-3860

**Follow Us on Social Media:**
Circular Cold Saw

Our circular cold saws are the quickest and most accurate way to cut tubing, bar stock and structural shapes without the mess of chop saws and much faster than band saws. The low speed blade with coolant produces a mill quality, burr free cut without heating the material. The head of the machine can easily be rotated to perform miter cuts or even slot down the end of a tube (350 model only).

We are proud to offer the Dake line of cold saws. These industrial quality saws were chosen for their heavy duty spindles and gearboxes and for the superior warranty they offer. All the Dake saws come with a pedestal, blade, tool kit, coolant, adjustable stop and service manual. Call us for information on the complete line including semi-automatic and automatic applications.

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Round Solid</th>
<th>Round Tube</th>
<th>Square Tube</th>
<th>Rectangle Tube</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle</td>
<td>90°</td>
<td>45°</td>
<td>90°</td>
<td>45°</td>
</tr>
<tr>
<td>Cut 250</td>
<td>1-3/4&quot;</td>
<td>1&quot;</td>
<td>2-3/8&quot;</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>Super Cut 315</td>
<td>2-3/8&quot;</td>
<td>1-3/4&quot;</td>
<td>3-5/8&quot;</td>
<td>3-1/4&quot;</td>
</tr>
<tr>
<td>Super Technics 350</td>
<td>3-3/8&quot;</td>
<td>3&quot;</td>
<td>4-3/4&quot;</td>
<td>4&quot;</td>
</tr>
</tbody>
</table>

- Head rotates 45° right and left of center for miter cutting and 350 model rotates to 90° for slotting.
- Oversized spindle and gear assembly with steel spindle and bronze gear.
- Additional ball bearing support of hardened and ground spindle shaft to prevent failure.
- Cam activated vise with gib adjustment and anti-burr arm.
- Reliable mechanical coolant pump with flow control adjustment.
- 315 & 350 models feature 24v control circuit, E-stop switch, low voltage and thermal protection, optional pneumatic vise.
- 350 model features an adjustable safety clutch to eliminate blade breakage.

SALE! $2,337.50
Steel Saw 5 Metal Cutting Saw (110v, 7-1/4" blade included)
These variable speed utility band saws from HEM Saw combine accuracy, speed, and large cutting capacity in a compact package. They feature powerful motors and heavy cast construction for years of use. Their innovative reverse blade rotation design results in up to 60% faster cuts than similar saws of this size. The NG120ABS model features a unique gravity down feed system that allows for hands free cutting!

<table>
<thead>
<tr>
<th>Blade Size</th>
<th>Speeds (fpm)</th>
<th>Motor Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>NG120ABS</td>
<td>4-3/4&quot; Round</td>
<td>56.3/4&quot; x 1/2&quot;</td>
<td>98.5-262.5</td>
</tr>
<tr>
<td>NG1160</td>
<td>6&quot; Round</td>
<td>68.3/4&quot; x 1/2&quot;</td>
<td>98.5-262.5</td>
</tr>
</tbody>
</table>

**Portable Band Saws**

These heavy-duty horizontal band saws from Dake have features normally only available on much more expensive machines. The heavy cast bed and housing makes for accurate and vibration free cuts while the low voltage controls, auto shut off and overload protection provide operator safety and machine longevity. These saws are covered by Dake’s standard one-year warranty and come with the following standard equipment.

- Rugged geared box with bronze and steel gears
- Hydraulic control for down feed with locking valve
- Chip brush blade cleaner
- Re-circulating coolant system

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Blade Size</th>
<th>Speeds (fpm)</th>
<th>Motor</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE912</td>
<td>9&quot; Round</td>
<td>93&quot; x 3/4&quot;</td>
<td>110-225</td>
<td>1 hp</td>
<td>110v</td>
<td>56 x 21 x 39</td>
</tr>
<tr>
<td>SE712</td>
<td>7&quot; Round</td>
<td>93&quot; x 3/4&quot;</td>
<td>110-225</td>
<td>1 hp</td>
<td>110v</td>
<td>56 x 21 x 39</td>
</tr>
</tbody>
</table>

**Horizontal Band Saws**

These quality vertical saws by Dake are built to last. With capacities up to 41", we have a saw to fit any job and budget. Options like blade welders, power feed and tilt tables make these machines a great value. The 14-10 and Trademaster are built in the U.S.A., the F-16 is assembled in the U.S.A. and all are covered by Dake’s one year warranty. Please call us for machines not listed.

<table>
<thead>
<tr>
<th>Model</th>
<th>Blade Width</th>
<th>Speeds (fpm)</th>
<th>Motor</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-10</td>
<td>1/4&quot; - 1/2&quot;</td>
<td>70/140/270</td>
<td>1 hp</td>
<td>14&quot; 10&quot;</td>
<td>625 lbs.</td>
</tr>
<tr>
<td>16</td>
<td>1/8&quot; - 5/8&quot;</td>
<td>60 - 590</td>
<td>1.5 hp</td>
<td>16&quot; 11&quot;</td>
<td>675 lbs.</td>
</tr>
<tr>
<td>Trademaster</td>
<td>1/4&quot; - 1&quot;</td>
<td>50 - 500</td>
<td>1.5 hp</td>
<td>11&quot; 13&quot;</td>
<td>1,150 lbs.</td>
</tr>
</tbody>
</table>

**Vertical Band Saws**

The Ellis 1600 band saw is very popular for its dual mitering capability, extremely large cutting capacity, and rugged durability. The material days stationary for miter cuts, while the head rotates up to 50 degrees both left and right. Fast and accurate angle selection are possible with the built-in protractor. Head feed rate is controlled by the hydraulic control, that has a locking valve for setting up cuts. Material clamping and unclamping is quick and easy with the standard coolant system. This portable bandsaw will meet your needs in the shop or on the work site.

<table>
<thead>
<tr>
<th>Model</th>
<th>Blade Width</th>
<th>Speeds (fpm)</th>
<th>Motor</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ellis 1600</td>
<td>10&quot; round, 11/2&quot; flat</td>
<td>8.75&quot; round, 4.75&quot; flat</td>
<td>10&quot; x 1&quot;</td>
<td>70/135/250</td>
<td>1 hp 110v 59 x 24 x 47</td>
</tr>
<tr>
<td>Ellis 1800</td>
<td>11&quot; round, 14&quot; flat</td>
<td>9&quot; round, 9&quot; flat</td>
<td>132 x 1&quot;</td>
<td>70/135/250</td>
<td>1 hp 110v 66 x 29 x 47</td>
</tr>
</tbody>
</table>

**Mitering Head Band Saws**

The Ellis 1600 miter head band saw is excellent for the industrial user with its highly accurate cuts and large capacity. Its heavy duty cast iron and steel construction equates to a very durable cutting platform. The integrated coolant system keeps the blade and the material cool during the cutting process. The head rotates up to 60 degrees for almost any miter cut. An adjustable length stop is also included for easily repeatable cuts.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (90°)</th>
<th>Capacity (45°)</th>
<th>Blade Size</th>
<th>Speeds (fpm)</th>
<th>Motor</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1600</td>
<td>10&quot; round, 11&quot; flat</td>
<td>8.75&quot; round, 4.75&quot; flat</td>
<td>10&quot; x 1&quot;</td>
<td>70/135/250</td>
<td>1 hp 110v 59 x 24 x 47</td>
<td>481 lbs.</td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>11&quot; round, 14&quot; flat</td>
<td>9&quot; round, 9&quot; flat</td>
<td>132 x 1&quot;</td>
<td>70/135/250</td>
<td>1 hp 110v 66 x 29 x 47</td>
<td>640 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

**Dake**

These industrial duty mitering head band saws swivel up to 60° so your material doesn’t have to and their relatively small footprint helps cut where space is limited. Each machine is equipped with a direct drive system to provide the most power and reliability. Easily set the most appropriate blade and head descent speed according to the material size and shape for maximum efficiency.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (90°)</th>
<th>Capacity (45°)</th>
<th>Blade Size</th>
<th>Speeds (fpm)</th>
<th>Motor</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Femi N215XL</td>
<td>6-1/4&quot; capacity</td>
<td>Integral coolant system</td>
<td>60° Mitering</td>
<td>220v 1ph</td>
<td></td>
<td></td>
<td>$3,776.00</td>
</tr>
</tbody>
</table>

**Ellis**

**Finance as low as $399.00 / Month**
Grinding and Sanding

Belt Grinder Attachments

The Multitool belt and disc grinding attachments for your bench grinder are must-have tools for any fabricator! These versatile tools remove material up to five times faster than with the equivalent grit grinding wheel. Belts change in seconds from grinding to sand deburr or polish. Quality construction is backed by a 3-year warranty. The attachments are all available with motor options to suit the hobbyist or professional. Includes one 80 grit belt.

**MT362 Multitool Grinder Attachment (2"x36" belt, w/ JT 1 hp grinder)** .................................................. $109.95

**MT362-100 Multitool Grinder (2"x36" belt, w/ JT 1 hp grinder)** ................................................................. $419.95

**MT482 Multitool Grinder Attachment (2"x48" belt)** .................................................................................. $179.95

**MT482-100 Multitool Grinder (2"x48" belt, w/ JT 1 hp grinder)** ................................................................. $499.95

**MT484 Multitool Grinder Attachment (4"x48" belt)** .................................................................................. $329.95

**MT484-100 Bundle Multitool Grinder (4"x48" belt, w/ JT 1 hp grinder)** ...................................................... $549.95

Accessories

**Grinder Floor Pedestal** ......................................................................................................................... $109.00

**Wall Mount Grinder Pedestal** ........................................................................................................... $89.95

**Disc Grinder Motor Attachment** ........................................................................................................ $74.95

**Floor Pedestal** ...................................................................................................................................... $149.95

**Wall Mount Pedestal** ............................................................................................................................. $199.95

**Miter Table** ............................................................................................................................................. $249.95

Belt Grinders

**The RadiusMaster is a patented belt grinding machine that outperforms all other general purpose belt grinders. It offers higher performance, more convenience, plus greater versatility and durability than general purpose machines. The RadiusMaster offers a combination of features never seen before on one tool! No accessory tools required to change wheels, till, swing away guards or change belts. Small wheel selection can run continuously unlike the competition!**

- 5 contact wheels, 3/4", 1", 1-1/2", 3-1/2", and 8"
- Tills on the side to be used as a bobbin grinder, also great for pipe notching
- Fully sealed bearings
- Belt size: 48" x 2"
- Belt speed: 3,600 feet per minute
- 1.5 hp, 110v (overload protected)
- Operator lock-out switch
- Balanced for vibration free operation. All adjustments are quick and easy with micro adjustments for belt tensioning and tracking
- Hollow Grinding Jig for RadiusMaster: $251.00
- RadiusMaster (includes 5 belts & pedal): $1,195.00
- Drive Wheel Tool Rest for RadiusMaster: $275.00
- Hollow Grinding Jig for RadiusMaster: $385.00

**The Burr King X400 features a 2"x48" belt, US made 1 hp motor, heavy cast construction, and all of the precision and smooth running qualities Burr King grinders are known for. The design of this grinder allows for grinding at multiple points: contact wheel, slack belt, and platen grinding. Perfect angles can also be achieved thanks to the included adjustable work rest. Machine includes an adjustable back-up platen and a 120 grit belt.**

**482 Belt Grinder (2"x48" belt)................................................. $379.95**

**760 Belt Grinder (1-1/2"x60" belt, 110v).......................... $1,329.95**

**X400-1K Belt Grinder (2"x48" belt, 1hp, 110v).......................... $1,540.00**

**Hardcore Variable speed 6 x 60 inch Belt Grinders are precision machines designed and balanced for vibration free operation. All adjustments are quick and easy with micro adjustments for belt tensioning and tracking. All grinding wheels are a billet aluminum construction and is popular among race car fabricators and knife makers.**

- 1.5 hp motor; 2,500 RPM
- Variable Speed Motor
- Dimensions (LxWxH): 21" x 22" x 30"
- Belt Dimensions: 6"x 60" contractors generally use.
- Belt guard
- Quick belt change & tracking
- Contact wheel, platen, and work support grinding

**Hardcore BGA-6 Belt Grinder (110v/220v 1hp).................. $2,750.00**

**960-250 Belt Grinder (2-1/2"x60" belt)................................. $2,401.00**

**960-400 Belt Grinder (4"x60" belt)................................. $2,311.00**

**$42.00 / Month Finance as low as**

**$2,750.00**

**$2,311.00**

**$2,401.00**

**$2,195.00**

**$1,540.00**

**$379.95**

**$329.95**
Welding Accessories

Magnetic Positioners

These small but powerful positioning magnets from Stronghand are the perfect accessory for any welder’s or fabricator’s shop. These tools have an incredible holding capacity and feature an on/off switch to make repositioning a breeze!

- MAV120 Adjust-O Angle Magnet
- MS2-80 8° Dual Switch Magnet
- MS2-90 8° Dual Switch Magnet

Welder’s Survival Kit

This kit features an assortment of our best selling and most useful welding clamps and magnets! Included in this 9-piece kit, you’ll find a variety of tools to help you out, no matter what you’re welding.

- 1 Shark Clamp
- 1 Corner Magnet Twin Pack
- 2 Tab and Bracket Holders
- 1 Adjust-O Magnet Square
- 1 Multi-Purpose Pliers
- 1 Clip on V-Pad

Tube Welding Positioners

This tube welding positioner is a great tool for race car builders and tube fabricators. It can be adjusted to any angle and will securely hold your parts for tack welding without magnetizing. This simple tool can save hours of frustration when working with coped tubes.

TC1 Tube Welding Positioner (1°-2° OD) $38.95
TC1 Tube Welding Positioner (Buy two and save!) $69.90
TC2 Tube Welding Positioner (2°-3° OD) $45.95
TC90 90° Fixed Tube Welding Positioner (1°-2° OD) $26.00
TC90 Tube Welding Positioner Kit (Set of 4 includes 2-TC1s, 1-TC6, and 1-180°) $119.95

Fixturing Tables

Siegmund Welding Tables are the finest available on the market. These German constructed tables feature five fixturing surfaces constructed from 1 inch (25mm) thick plate with additional reinforcement underneath the work surface. Fixture mounting holes are CNC machined to 28mm diameter, spaced 100mm apart with a flatness rating of +/- .0025 inches per foot. The tables are given a plasma nitride finish which creates a work surface that is extremely resistant to wear, deformation, corrosion, and weld spatter. Table hardness is rated at HRC 49.7 (HV500). A wide variety of clamps and fixturing components are available for these tables to make them useful for virtually any welding project. (Table does not include legs.)

- 47” x 31” Welding Table $4,300.00
- 47” x 47” Welding Table $5,200.00
- 78” x 38” Welding Table $5,600.00
- 94” x 47” Welding Table $9,400.00
- 78” x 78” Welding Table $10,400.00
- 118” x 59” Welding Table $10,800.00

Welding Tables

The Nomad Portable Welding Table is the perfect solution for home fabricators limited on shop space or fabricators in the field who need a small portable table to take to the job site.

- Nomad Welding Table $219.95
- Nomad Deluxe Kit $254.55
- Nomad Deluxe Kit w/ Nitrided Table $549.00

- BuildPro MAX Standard Table (Continuous plate design, no slots, add $900.00 for Nitrided Table) $4,900.00

- 47” x 38” Standard Table (add $25.00 for Nitrided Table) $1,975.00
- 78” x 38” Standard Table (add $1,000.00 for Nitrided Table) $3,300.00
- 94” x 48” BuildPro MAX Standard Table (Continuous plate design, no slots, add $900.00 for Nitrided Table) $4,900.00

- Table flatness of .004”/ft
- Hole spacing of .625”
- Hole diameters of .625”
- Plate thickness of .625”
- Weight adjustment from 26” to 32”
- Includes two heavy casters for portability

Rotary Welding Positioners

The Roto Star welding positioners are a must for precision welding. These heavy duty units were designed to increase productivity and improve the quality for a variety of applications. They can be ordered with a standard 3 jaw chuck with thru spindle and 250 lbs. of capacity, or a surface plate for fixturing work pieces. They are adjustable from 0° to 90° by 15° increments and feature a 300 amp double grounding system which eliminates feedback during high frequency welding. A reversible variable speed control unit and foot pedal allow hands free operation. Optional accessories include variable speed foot pedal, adjustable idler roller assembly and arm rest.

- Roto3 (w/ 6” chuck) (add $400 for variable spd pedal) $2,195.00
- Roto3-P (w/ 12” surface plate) (add $400 for variable spd pedal) $2,795.00
- Roto3 (w/ 8” chuck) (add $400 for variable spd pedal) $3,395.00
- Roto3-P (w/ 16” surface plate) (add $400 for variable spd pedal) $2,995.00

- Specifications
  - Chuck: 6” 8” 12” 16”
  - Thru Spindle Cap: 1-1/2” 2-1/2”
  - Angle Adjustment: 15° increments 15° increments

- Optional Table
  - Voltage: 110 or 200v 110 or 200v

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Scan for Video

Finance as low as $91.00 /Month

Roto1-P

Roto1

Roto1-P
Educational Books

- Metal Shaping: $23.95
- Sheet Metal Handbook: $23.95
- Welder's Handbook: $19.95
- Ultimate Sheet Metal Fabrication: $24.95
- Advanced Sheet Metal Fabrication: $27.95
- Sheet Metal Fabrication Basics/Line Basics: $27.95
- Advanced Custom Motorcycle Assembly & Fabrication: $27.95
- Full-bore Sheet Metal: $34.95

Ron Covell brings vast knowledge and many years of experience to his viewers. These videos cover a variety of topics ranging from gas welding techniques and hammer forming, to the tools required to do the job.

Basic Techniques for Working with Steel DVD: $40.00
Basic Techniques for Working with Sheet Metal DVD: $40.00
TIG Welding Basics DVD: $40.00
Chopping & Sectioning DVD: $100.00
Shearing Aluminum with Hand Tools DVD: $40.00
Making Motorcycle Gas Tank DVD: $60.00
High Power Metal Shaping Workshop DVD: $40.00
Building a Roadster Body Shell DVD: $40.00

Trick Tools Layout Kit

The Trick Tools 4 Piece Layout Kit features an Automatic Center Punch, Retractable Scribe, Retractable Knife, Ball Point Pen and Storage Pouch. These rugged anodized construction will stand up to years of use in your shop! The trick Tools logo is imprinted on each barrel. These tools are perfect for fabrication in the race car, automotive, street rod, motorcycle, education, arts & crafts, aerospace, fire & rescue, transportation, and manufacturing industries.

15" Reach Bullseye Pick: $109.95
23" Reach Bullseye Pick: $119.95

Bullseye Picks

Originally designed for the collision/dent repair trade, bullseye picks also work very well for restoration projects. In our trade, custom metal shaping & fabrication, they are ideal for the fabricator who needs to metal finish the area surrounding a weld seam on fabricated bodywork.

- Metal Finishing: Bullseye picks make it easy to accurately repair dents like a professional. The open sight (similar to a gun sight) allows the user to strike a series of very accurate, light blows to raise low areas.
- Return Spring: Allows you to hit quickly, with the advantage of knowing where the pick (or blunt tip) will strike.
- Designed for use in hard-to-reach areas: such as around braces, gussets and other blind areas.

Tapered and Straight T-Dollies

These Tapered and Straight T-Dollies allow for a variety of custom shapes to be created with consistency. Use them by hand, in a vice or in a metal shaping station. These T-Dollies will help to make your next project go together faster & more easily.

Small Tapered Dolly: $105.00
Medium Tapered Dolly: $115.00
Large Tapered Dolly: $125.00
Small T-Dolly: $23.00
Medium T-Dolly: $29.00
Large T-Dolly: $36.00

Metal Shaping Station

This ProLine metal shaping station is built for the professional metal shaper with the ultimate quality in mind. The powder coated base and upright stand are 29" tall for a comfortable working height once a tool is installed. A variety of tools can be utilized with the included adapters which fit into a Morse taper for a very solid feel. A quick release lever eliminates struggling during tool changes. The deluxe model features a nickel plated tool rack to keep things close at hand as well as an angle adapter for 90° and 45° mounting.

Deluxe Shaping Station (includes stand, tool rack, angle adapter, and 3 tooling adapters): $995.00
ProLine Package Shaping Station (includes stand, tool rack, angle adapter, 3 tooling adapters, set of 3 body hammers, barrel mallet, bossing mallet, 12" shot bag and plate, set of tapered T-dollies, radius gauge): $1,495.00

The Largest Selection of Hardcore Metal Fab Tools

The largest selection of hardcore metal fab tools

Educational Videos

Ed Remus, Richard Finch, Ron and Sue Fournier and Bryan Fuller will be referred to over and over again. Excellent insight, lots of pictures, and many helpful tips will guide you in your journey to be a master metal shaper.
Metal Shaping

Contour Gauges

When shaping metal, often complicated contours need to be duplicated. These two styles of gauges are the perfect way to ensure the new part is an exact copy of the old. The 12" sliding pin version helps model complicated shapes. The long sneaker-like gauges are perfect for long panels such as hoods, roof skins, fenders, airplane wings, and more. Each saves valuable time on projects and can be used over and over again.

12" Contour Gauge with sliding pins .......................................................... $79.99
37" Curve Template ...................................................................................... $49.99
102" Curve Template .................................................................................. $99.99

Shrinker/Stretcher Tools

Looking to form compound curves in metal? These shrinker/stretcher tools can form curves down to a 3" radius in a variety of metals: mild steel (up to 18 gauge), stainless steel (up to 20 gauge), and aluminum (up to .063). The Shrinker forms outside radius curves and the stretcher forms inside radius curves. They are perfect for forming complicated patch pieces for such areas as rear wheel arches, outside radius curves and the Stretcher forms inside radius curves. They are form curves down to a 3" radius in a variety of metals: mild steel (up to 18 gauge), stainless steel (up to 20 gauge), and aluminum (up to .063). The shrinker/stretcher tools can handle the most demanding jobs.

Deep Throat Shrinker/Stretcher

The JS Tools KSM155 is a professional quality foot-activated shrinker and stretcher unit. With a 6 inch throat depth, it makes forming compound panels quick and easy. Shrinker and stretcher jaws swap out in seconds wherever needed.

Foot Operated

The hands free operation of this MetalAce Shrinker/Stretcher allows for better control and feel for your metal work with much faster results! Mobile unit on casters allows easy transport around the shop for access wherever needed.

• 18 ga mild steel capacity
• Heavy duty return spring means quick action and long life
• Working height is 47-1/2"

Shrinker/Stretcher Deluxe Kit (as shown) ........................................................................ $689.00
Shrinker Unit Only ........................................................................................................ $185.00
Stretcher Unit Only ....................................................................................................... $185.00
Combo Unit (1 body with both sets of jaws) ................................................................. $275.00
Combo Unit RT (both bodies and jaws) .......................................................................... $365.00
Replacement Jaws Sets (shrinker or stretcher) ................................................................ $115.00

Hand Operated

The machine is operated by a foot pedal control, leaving the operator's hands free to guide the work piece. The down stroke is powered by hydraulics, featuring a 110v electric pump, and the return stroke is assisted by air pressure for quicker operation. This system allows for between 30 and 40 strokes per minute.

JS Tools KSM155 Pro Shrinker/Stretcher (includes steel shrinker and stretcher jaws) ................................................. $2,900.00
JS KSM 003 Shrinker Jaws for Aluminum ........................................................................... $890.00
JS KSM 004 Stretcher Jaws for Aluminum ......................................................................... $490.00

12" Benchtop Planishing Hammer (w/ 9 radius anvils) ................................................... $895.00
24" Benchtop Planishing Hammer (w/ 9 radius anvils) ................................................... $925.00

24" Cast Iron Floor Model Planishing Hammer ................................................................ $7,750.00
36" Cast Iron Floor Model Planishing Hammer ................................................................ $9,995.00

Meta Ace Foot Operated

The lower arm on these cast iron floor models can be lowered to accommodate an optional bottom anvil for deep parts. Other special anvils are available, which allow the operator to move the lower arm off center without losing position. They feature heavy duty pneumatic motors and sturdy cast iron frames.

24" Cast Iron Floor Model Planishing Hammer ................................................................ $999.00
36" Cast Iron Floor Model Planishing Hammer ................................................................ $5,995.00

24" ProLine Power Planishing Hammer............................................................................... $4,345.00

37" Curve Template

37" Curve Template

Metal Shaping

Planishing Hammers

This portable planishing hammer is designed for forming or planishing light gauge sheet metal. The yoke is 22" deep and 12-3/8" from the bottom die to the bottom of the yoke. It comes with one top die and one each 3", 12" and 36" radii bottom die, a die extraction tool, oil and special oil bottle, stainless steel engraved die rack with grommets and regulator. The frame is powder coated. The unit is shipped with some assembly required.

Portable Planishing Hammer (w/out optional die rack) .................................................... $4,345.00

Mittler Bros.

These Mittler Brothers Planishing Hammers will add productivity to your metal working. Included with these machines is a set of 9 radius dies that will fit most applications. Excellent beginning hammers to shape steel or aluminum.

• 12" or 24" throat
• Ruged tubular construction
• 9 radius dies: Flat, 3/4", 1-1/2", 2", 3", 4", 6", 8", and 12"
• 4,600 hits per minute @100 psi
• Foot control allows for dual hand control
• Rear adjuster sets load force and allows for fast die changes

12" Benchtop Planishing Hammer (w/ 9 radius anvils) ................................................... $850.00
24" Benchtop Planishing Hammer (w/ 9 radius anvils) ................................................... $680.00

Baileigh

The Baileigh MSS-14H is the most heavy duty powered shrinker stretcher in our line up. Featuring a 7 inch throat depth and 14 gauge mild steel, 12 gauge aluminum capacity - this shrinker/stretcher can handle the most demanding jobs.

The machine is operated by a foot pedal control, leaving the operator's hands free to guide the work piece. The down stroke is powered by hydraulics, featuring a 110v electric pump, and the return stroke is assisted by air pressure for quicker operation. This system allows for between 30 and 40 strokes per minute.

• Mild steel capacity: 14 gauge
• Aluminum capacity: 12 gauge
• Shrink and stretcher jaws included
• Ultra heavy-duty construction

MSS-14H Power Shrinker/Stretcher .............................................................................. $5,695.00

641-628-3860

Finance as low as $157.00 / Month
The ProLine Minimax does the work of a large and expensive Pullmax machine without taking up valuable shop space. This unit accepts Pullmax style tooling for shrinking, beading, edge setting, planishing and more. It is the perfect complement to your English wheels or planishing hammers. See our website for a full range of Pullmax compatible tooling.

- Mild steel capacity 16 gauge
- Aluminum capacity 11 gauge
- Variable speed
- 18” throat
- 1,150 strokes per minute
- Powder-coated finish
- Includes straight and contour fences
- One year warranty

**Check out www.trick-tools.com for 7000+ products**

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**Metal Shaping**

**Power Hammer**

The Metal Shaping 44F English Wheel offers metal shaping capabilities for racing, auto restoration, and aircraft rebuilding needs. Although the Metal Ace 44F is portable, its sturdy enough to handle most any metal shaping need. Large enough for complete body panels, the 44F English wheel is also perfect for smoothing a wrinkled quarter or rocker panel.

- Capacity of 16 gauge steel and 1/8” soft aluminum
- Throat: 44”
- Quick release cam on lower anvil
- Anvil yoke is adjustable on both sides of the axle support so the anvil can be trued to the upper wheel
- Features can be rolled into the center of an 88” panel
- Includes anvil wheel storage rack
- Upper wheel: 8” dia. x 3” wide 1045 alloy steel billet, polished to a high surface finish
- Height: 73” Width: 59”
- Weight: approx. 350 lbs.

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**English Wheels**

The 22B is our most popular in-home English Wheel. Trick out your custom-built bike or complete hobby projects without breaking the bank. Provides outstanding performance on small jobs like motorcycle tanks, tank covers, seat cowls and aircraft fillets. Versatile use: mount on bench, clamp in vise or use with optional welded stand.

- Capacity of 18 ga. steel and .390” soft aluminum
- Throat: 22”
- Quick release cam on lower anvil
- Anvil yoke has an adjustable axle support so the anvil wheel can be trued to the upper wheel
- Weight: 73 lbs.

**Classic**

22B Benchtop English Wheel (includes 3” R anvil wheel) ...............................................................
Discovery Kit (includes 3.25” R anvil wheel) ...............................................................
22B Benchtop English Wheel (includes floor stand, thumbnail shrink dies, 110v) ..................

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The Imperial 44F English Wheel offers metal shaping capabilities for racing, auto restoration, and aircraft rebuilding needs. Although the Metal Ace 44F is portable, its sturdy enough to handle most any metal shaping need. Large enough for complete body panels, the 44F English wheel is also perfect for smoothing a wrinkled quarter or rocker panel.

- Capacity of 16 gauge steel and 1/8” soft aluminum
- Throat: 44”
- Quick release cam on lower anvil
- Anvil yoke is adjustable on both sides of the axle support so the anvil can be trued to the upper wheel
- Features can be rolled into the center of an 88” panel
- Includes anvil wheel storage rack
- Upper wheel: 8” dia. x 3” wide 1045 alloy steel billet, polished to a high surface finish
- Height: 73” Width: 59”
- Weight: approx. 350 lbs.

---

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- Capacity of 16 gauge steel and 1/8” soft aluminum
- Throat: 44”
- Quick release cam on lower anvil
- Anvil yoke is adjustable on both sides of the axle support so the anvil can be trued to the upper wheel
- Features can be rolled into the center of an 88” panel
- Includes anvil wheel storage rack
- Upper wheel: 8” dia. x 3” wide 1045 alloy steel billet, polished to a high surface finish
- Height: 73” Width: 59”
- Weight: approx. 350 lbs.
**Brakes and Shears**

**B-2 Throatless Shear**

This is the famous Beverly Shear that top custom car builders use. Throatless design lets you turn your work at any angle for straight, curved, even irregular cuts with ease and accuracy. Powerful leverage through rack and pinion gearing, easily cuts mild steel and stainless using tool steel blades (adaptable for wear) which provide burr-free cuts. Drilled for workbench mounting.

SS-2 and SS-3 slitting shears are also available for making straight cuts in long sheets of material or for shearing off pieces of flat stock.

**B-1 Beverly Shear** $568.00

**B-2 Beverly Shear** $792.00

**B-3 Beverly Shear** $1,450.00

**SS-2 Beverly Slitting Shear** $374.00

**SS-3 Beverly Slitting Shear** $529.00

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**Hand Notcher**

The Tennsmith Model 16-18 notcher is a versatile, heavy duty bench tool for shearing, notching, and piercing work. The heavy cast iron construction allows the tool to be used to notch 16 inches of 16 ga. material. This notcher can be ordered with flange blades for notching, and piercing work. The heavy cast iron construction allows the tool to be used to

16-18 Bench Hand Notcher w/ Regular Blades $985.00

16-18 Bench Hand Notcher w/ Box Flange Blades $985.00

16-18 Optional Floor Pedestal $295.00

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**Shears & Nibblers**

FEIN nibblers are among the most compact power tools for cutting trapooidal and corrugated sheet metal, as well as profiles. Their slim design makes them extremely versatile and precise in the curves. The working direction can be altered tool-free. FEIN shears are suited for quick and warp-free cut-outs in sheet metals, profiles, and even pipes. The open front cutting head provides an optimal view of the cutting line, working direction can be altered tool-free. FEIN shears are suited for quick and warp-free cut-outs in sheet metals, profiles, and even pipes. The open front cutting head provides an optimal view of the cutting line, working direction can be altered tool-free.

**Blk 1.6 Nibbler** (16 ga. 110v) SALET...

**Blk 3.5 Nibbler** (10 ga. 110v) SALET...

**Blk 5.0 Nibbler** (6 ga. 110v) SALET...

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**Radius Brakes**

This sheet metal radius brake is the perfect solution for forming radius bends in mild steel and aluminum. Stress and cracking of material is minimized due to the unique design of the apron, which swings outside the radius and rolls across the material. Especially useful in race car fabrication, as well as automotive and aircraft restoration work, this brake is an excellent addition to any sheet metal fabrication shop.

- 6 radius rolls included with 4" machine: 1", 2", 3", 4", 5" and 6-5/8" OD
- 5 radius rolls included with 6" & 8"/machine: 1", 2", 2-1/2", 3" and 4" OD

**Model No.**

<table>
<thead>
<tr>
<th><strong>Radius</strong></th>
<th><strong>Width</strong></th>
<th><strong>Capacity (Mild Steel)</strong></th>
<th><strong>Weight</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>110v</td>
<td>16 ga. (.063&quot;)</td>
<td>90 lbs</td>
</tr>
<tr>
<td>5&quot;</td>
<td>110v</td>
<td>16 ga. (.063&quot;)</td>
<td>130 lbs</td>
</tr>
<tr>
<td>6&quot;</td>
<td>110v</td>
<td>16 ga. (.063&quot;)</td>
<td>130 lbs</td>
</tr>
<tr>
<td>8&quot;</td>
<td>110v</td>
<td>18 ga. (.049&quot;)</td>
<td>130 lbs</td>
</tr>
</tbody>
</table>

---

**Manual Slip Rolls**

Tennsmith’s slip rolls combine precision-turned, ground, and polished high carbon steel rolls with heavy-duty, cast iron end frames. Features include large roll adjusting screws, scales for speed regulation, reversal of direction, and a front mounted handle to lift the upper roll for material removal. Wire grooves are standard. 3 Driven roll machines allow for greater traction on hard to bend materials.

**Model No.**

<table>
<thead>
<tr>
<th><strong>Capacity (Mild Steel)</strong></th>
<th><strong>Weight</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>16 ga. 14 ga. 10 ga.</td>
<td>750 lbs.</td>
</tr>
<tr>
<td>18 ga. 16 ga. 12 ga.</td>
<td>850 lbs.</td>
</tr>
<tr>
<td>20 ga. 18 ga. 14 ga.</td>
<td>1,090 lbs.</td>
</tr>
</tbody>
</table>

---

**Powered Slip Rolls**

National’s electric powered Slip Rolls feature 3 inch power rolls that are designed for simple operation. All three rolls are power driven and come with a standard forward and reverse drum switch. These machines also feature a quick release upper roll, positive chain drive, heavy duty gear box capable of rolling up to 16 gauge mild steel, front guard for additional safety, and a heavy duty storage stand. Available in 110/220v 1 phase and 220v/440v 3 phase.

**Model No.**

<table>
<thead>
<tr>
<th><strong>Capacity</strong></th>
<th><strong>Weight</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>16 ga.</td>
<td>222 lbs.</td>
</tr>
<tr>
<td>18 ga.</td>
<td>300 lbs.</td>
</tr>
</tbody>
</table>

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**Follow us on Social Media:**

Brakes and Shears

Brakes and Shears
Magnetic Sheet Metal Brake

The Magna Bend electromagnetic brake by Roper Whitney offers performance no conventional bending brake can match. The unique design of the clamping system eliminates typical interference points of standard machines. The rugged simple construction incorporates only one moving part to assure low maintenance and versatility for light duty forming. The included tooling allows for a wide variety of complex shapes to be created right out of the box including rolled edges up 330 degrees, partial length bends, closed shapes, and unlimited box depths.

- 48” 18 ga mild steel capacity
- Unlimited box depth
- 110V 1ph power for easy placement
- Full length bar and individual fingers included: 52-1/2, 26, 12, 6, 4, 3, 2, 1-1/2, 1, and 3/4”
- Back gauge for repeatability
- Bend angle gauge for precise bends
- Bend combinations that were extremely difficult, if not impossible, in the past. Unit ships standard with: 1”, 2”, Single finger on the bed and apron, as well as the usual upper fingers. This new design allows the operator to make

Ultimate Box & Pan Brake

The Mittler Bros Ultimate Box & Pan Brake features a unique “3 Finger” design. This incorporates movable fingers on the bed and apron, as well as the usual upper fingers. This new design allows the operator to make bend combinations that were extremely difficult, if not impossible, in the past. Unit ships standard with: 1”, 2”, 3”, 6”, 12”, 24” Upper Fingers, Bed Fingers, and Apron (leaf) Angles. Contact us for optional accessories.

Boyd-Built Racer Brake

This Boyd-Built 7 foot racer sheet metal brake is ideal for race car bodies, HVAC work, and more. With features such as a 1 inch radius bar, cam-lock design, bronze hinge bushings, adjustable tension bars, adjustable counterweights, and plate steel construction, Boyd-Built brakes are among the highest quality fabricated sheet metal brakes on the market.

Hand Brakes

HB121-18

HB145-18

HB145-20

HB145-22

HB145-24

**Finance as low as $81.00 / Month**

Tennsmith

Tennsmith offers a wide variety of quality brakes and shears. These heavy duty units offer industry leading features such as replaceable nose bars, high-chromium blades, and cast frame construction. A wide range of machines covers 4’ to 12’ widths, and 22 gauge through 12 gauge capacity. These U.S.A. made machines feature a 3-year manufacturer’s warranty.

**Finance as low as $113.00 / Month**

**Finance as low as $78.00 / Month**

**Finance as low as $150.00 / Month**

**Finance as low as $148.00 / Month**

**Finance as low as $78.00 / Month**

**Finance as low as $9,595.00 / Month**

**Finance as low as $7,995.00 / Month**

**Finance as low as $6,495.00 / Month**

**Finance as low as $3,250.00 / Month**

**Finance as low as $2,950.00 / Month**

**Finance as low as $2,795.00 / Month**

**Finance as low as $5,775.00 / Month**
The Edwards Ironworkers is a compact, well designed, well built, uncomplicated hydraulic ironworker. All machines work on the same principle with the center pulling straight down on the work. All tooling moves in a perfectly vertical way. There is no arc of tool against material to be cut or punched. All stations operate as a unit so you can move from punch to shear to notcher to angle shear without changing or adding any new equipment.

The line starts with the “JAWS Jr.” 25 ton unit which gives you a dedicated punch station and one open station for tooling of your choice. The 40, 50 and 55 ton units also include plate and angle shears. The 65 ton machine has a huge 24” plate shear, angle shear, coper notcher, punch station and open station as well. Please call for more information on other models up to 120 tons and available options.

### Capacities

<table>
<thead>
<tr>
<th>Jaws Jr 25 ton</th>
<th>Jaws IV 40 ton</th>
<th>Jaws IV 50 ton</th>
<th>Jaws IV 55 ton</th>
<th>Jaws V 65 ton</th>
<th>Jaws IV 100 ton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Punch</td>
<td>1” x 5/16”</td>
<td>1” x 1/2”</td>
<td>1” x 5/8”</td>
<td>1-1/16” x 5/8”</td>
<td>1-1/16” x 3/4”</td>
</tr>
<tr>
<td>Plate Shear</td>
<td>1/4” x 6” (opt.)</td>
<td>3/8” x 10”</td>
<td>1/2” x 10”</td>
<td>3/8” x 14”</td>
<td>3/8” x 24”</td>
</tr>
<tr>
<td>Angle Shear</td>
<td>2” x 1/4” (opt.)</td>
<td>3” x 1/4”</td>
<td>4” x 1/4”</td>
<td>4” x 1/4”</td>
<td>5” x 3/8”</td>
</tr>
</tbody>
</table>

**Jaws Jr. 25 ton (110/220v 1 hp 1 ph) SALE** $5,031.20

**Jaws IV 40 ton (220v 5 hp 3 ph, add $300 for 1 ph) SALE** $7,406.00

**Jaws IV 50 ton (220v 5 hp 3 ph, add $300 for 1 ph) SALE** $8,451.00

**Jaws IV 55 ton (220v 5 hp 3 ph, add $300 for 1 ph) SALE** $9,021.20

**Jaws V 65 ton (220v 7.5 hp 3 ph, add $300 for 1 ph) SALE** $16,146.00

**Jaws IV 100 ton (220v 7.5 hp 3 ph, add $300 for 1 ph) SALE** $17,571.20

**Hydraulic Accessory Pack up to 60 ton (Required for use of accessories)** $750.00

**Hydraulic Accessory Pack 65 ton and up (Required for use of accessories)** $1,000.00

The Edwards H-Frame presses were designed as full featured presses for most shop applications. The heavy duty steel frame, rolling cylinder and large working area makes them extremely versatile. They do not have their own power supply, instead these machines quick-couple to either an Edwards Ironworker with factory installed Hydraulic Accessory Control Package or an Edwards Porta-Power unit. Comes with easy-to-use hand/jog controls.

### H-Frame Presses / Accessory

H-Frame Press Benchtop Accessory, 20 ton ......................... $1,896.00

H-Frame Press Accessory, 40 ton ................................ $3,996.00

### Hydraulic Tube Bender / Accessory

The Edwards Hydraulic tube bender is a great accessory to one of their ironworkers. It can be powered by properly equipped 40 through 120 ton Edwards Ironworker models, Elite Ironworker series machines or the stand-alone Edwards Porta Power unit. This bender utilizes a quick-connect system and has enough power to easily bend 2 inch Schedule 40 pipe, 2.5 inch O.D. tube and 2 inch square.

**Hydraulic Tubing Bender Accessory** .................. $1,896.00

### Scotchman Ironworkers

Scotchman Ironworkers are versatile and dependable ironworkers with a variety of unique options. Scotchman’s unique component tool design will accept a large range of standard tools and special tooling, and can be used as a power source where the customer builds his own tooling. Punch, angle, and flat bar shears are standard, but the beauty of this machine is that it can adapt to whatever your customer brings in the door.

**SALE!**

**SALE!**

**SALE!**

**SALE!**

**SALE!**

**SALE!**

**SALE!**

**Finance as low as $717.00 / Month**

**$6,390.00**

- Angle shear capacity: 3” x 3” / 5/16” at 90° and 2” x 2” x 3/8” at 45°
- Bar shear capacity: 3/8” x 4”
- Rod shear capacity: 3/4” round
- 4-1/4” throat depth
- 45 ton punch station (1-1/8” in 1/2”)
- 110v, 1 ph electrics
- Keyed punch ram for safety
- 2” die holder
- Punch nut with wrench and stripper

### Benchtop Press Brake

This compact benchtop press brake by Bend Press is the perfect solution for the fabricator needing to bend small sections of sheet metal and plate steel. Utilizing a common 20 ton bottle jack, this press requires no outside power source or specialized pumps. Ideal for making suspension and body support brackets. With its relatively small footprint this press is also a perfect fit for those with limited working space. And with the optional 4-sided V-die made from 3410 tool steel, tight radius bends can be made in lighter weight materials. Bottle jack not included.

**Finance as low as $336.00 / Month**

**$199.95**

**$199.95**

**$199.95**

**$199.95**

**$199.95**

**$99.95**

**$99.95**

**CAPACITIES**

- 20 tons maximum
- 8” in 3/8” mild steel
- 10” in 1/4” mild steel
- 4” in 1/2” mild steel
- 9” in 5/16” mild steel
- 2” in 5/8” mild steel

**Benchtop Press Brake** .................. $999.95

4-way V-die (1/4”, 1/2”, 3/4”, and 1” openings) .................. $199.95

H-frame Press Option .................................. $199.95

Stroke & Depth Gauges ................................ $99.95
### Louver Press Kit

The Mittler Brothers Louver Press is a goofit making tool. Each kit includes a 10 ton hydraulic ram, precision slide assembly, die mounting plate, one set of your choice of louver dies, bill of materials, blueprints, and complete instructions for building a 48" throat depth press.

- **Punches steel or aluminum**
- **Accepts all MB bench press tooling**
- **Up to 3" tang louver**
- **16 gauge capacity**

Complete Louver Punch Kit (with choice of one louver punch set) ........................................... $1,735.00
Additional 1’, 2’, or 3’ Louver Die .......................................................... $475.00
Additional 4’ or 5’ Louver Die .......................................................... $495.00
Air/Hydraulic Pump w/ 20’ Hose & Fitting ............................................. $420.00

### 10 Ton Bench Press

This versatile tool is one of the latest offerings from Mittler Brothers and is sure to increase productivity. Use it with ironworker tooling or as a heavy duty arbor press. The 10 ton Bench Press can handle a 3" punch and flare or louver through 14 gauge mild steel. Can be used with most common hydraulic pumps.

- **Accepts all MB bench press tooling**
- **6” tool opening**
- **4” stroke, 10 ton cylinder**
- **Includes a slug ejector and spring loaded center**

10 Ton Hydraulic Bench Press .................................................. $2,325.00
Floor Stand w/ Casters .......................................................... $325.00
Electro/Hydraulic Pump w/ 10’ Hose ............................................. $1,500.00

### Dimple Dies

These dimple dies from JMR, also known as flare tools, are used to improve the strength and appearance of a panel and will flare or flare an existing hole in sheet metal up to .125" thickness. 4340 Chrome Moly. Each size is self centering, so they work great in a press or Ironworker. Precision machined from hardened tool steel for years of use.

- **1.115”**
- **1.362”**
- **1.687”**
- **1.937”**
- **2.375”**

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### Bench Press

- **Fits punch & flare tools**
- **Rugged construction**
- **Bronze bushings**
- **Max capacity: 3” dia. punch & flare 16 gauge steel**
- **12” deep throat**
- **Can be used as a standard arbor press**
- **Uses standard punch & dies for round, square, or oblong holes**

Standard Bench Press (3 ton) ........................................... $595.00
Hydraulic Bench Press (5 ton) ........................................... $795.00
Air/Hydraulic Pump, Hose and Fitting ................................... $640.00

### Punch & Flare Tools

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. Our Punch & Flare tool can also be used as a hole punch, simply by using the punch and male flare.

- **1”**
- **1-1/4”**
- **1-1/2”**
- **2”**
- **2-1/2”**
- **2-5/8” (excellent for aerosol cans)**
- **3”**

**SETS**

- Set 1” to 2-1/2” (6 pieces) ............................................... $685.00
- Set 1” to 3” (7 pieces, 2-5/8" not included) ........................ $815.00

### Flare Tools

Now, in one easy step you can flare sheet metal panels for improved strength and appearance. Precision machined from heat treated steel for years of use. 1.6 gauge steel is the maximum thickness.

- **1/2”**
- **3/4”**
- **1”**
- **1-1/4”**
- **1-1/2”**
- **2”**
- **2-1/2”**
- **3”**

**SETS**

- Set 1/2” to 2-1/2” .......................................................... $685.00

### Portable Punch and Die Kit

At last, a way to punch and dimple panels which are too large to fit into a press or are already welded in place. These portable dimple die kits from JMR Manufacturing allow you to punch holes and dimple both steel and aluminum. Especially useful for working on off road vehicles or job sites where transporting a press is not practical.

- **1.115”, 1.362”, 1.687”, 1.937”, and 2.375” cutter sizes included**
- **10 Ton Hydraulic Cylinder**
- **Dimple Dies can also be used in a standard press**

Portable Punch and Die Kit ................................................... $155.00

### Optional Accessories for Bench Press

- **Louver Die**
- **90° Brake**
- **Corner Notcher**
- **Shear**

**CHECK OUT WWW.TRICK-TOOLS.COM FOR 7000+ PRODUCTS**

**Scan for Video**

**TOLL FREE ORDER LINE 1-877-826-7268 OR 641-628-3860**

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**Scan for Video**

**TOLL FREE ORDER LINE 1-877-826-7268 OR 641-628-3860**
Punching and Drilling

Hand Punches

These Hand Punches by Roper Whitney can save a lot of time over drilling sheet metal and are much more accurate. Hardened, machined bearing surfaces are used in these tools to provide dependable long life. The 5 Jr punch has a standard 1-3/4" throat depth, while the XX has a deep throat configuration to punch up to 3-1/4" from the edge with up to an 1-3/8" flange. Both punches have optional bench mounting bases and come with a standard assortment of round punches and dies in a durable plastic box.

- Smallest available

Medium Duty Punches

These Roper Whitney Heavy Duty Punches are highly portable and will fit any tool chest. The leverage design of these tools assures easy linear operation. Unlike other similar tools, these punches will punch and strip inside a 90 degree arc movement of the lever. The upper handle will not disengage when moved to either extreme. An optional bench mounting base is also available.

- Two hand linear operation
- Throat Depth: 1.625" Throat Height: 3.313" Weight: 17.5 lbs

Bench Punches

The Roper Whitney bench punches feature a heavy duty steel frame and are designed to be mounted to a sturdy work bench. The No. 16 punch is able to deliver up to 7.3 tons of punching power, more than enough to punch a 9/16 inch hole through 1/8 inch mild steel plate. The No. 12 also produces 7.3 tons of power and features a 3-1/2 inch deep x 2-1/8 inch high throat that allows for punching angles, channels, flanges and roofing purpurs. The No. 20 punch delivers 20 tons of punching power, enough to punch a 1/2 inch hole through 1/2 inch mild steel plate. A 4 ft section of handle with a grip is available for purchase.

- No. 16 Punch (7.3 ton capacity, 3.25" throat depth, 1.75" throat height)...
- No. 17 Punch (5 ton capacity, 6.75" throat depth, 2.125" throat height)...
- No. 16 and 17 Punch Dies: Starting at $32.50 ea.

Mag Drills

Mag drills, or magnetic base drills, are great for core drilling holes in heavy steel. The electromagnetic base holds these tools in a fixed position while the cutter is fed into the material just like a standard drill press. The annular cutters used with mag drills are hollow inside, which drastically cuts down on the amount of material being removed and the horsepower necessary to drill larger holes. Considerations when choosing a mag drill are maximum hole diameter needed, thickness of material being drilled, and space restrictions (i.e. low profile for truck frame drilling).

- JHM USA 5
- JHM USA 10
- JHM Magforce
- JHM Holmaker II

Drill Press

The Ellis drill press is one of the most versatile drill presses available. With standard features such as power down-feed, infinitely variable speed operation, and instantaneous reverse for tapping, its value is unsurpassed. The Ellis drill press is also extremely durable, featuring a 4" diameter column, 3" diameter quill, and a 2 hp motor. The table and base are both T-slotted.


List prices are subject to change and do not reflect overhead. Please refer to our official website or call for the most current pricing.
Sheet Metal Cutters

Slugger sheet metal cutters easily outperform standard hole saws by cutting a more accurate hole up to three times faster with far superior tool life. These precision ground cutters can be used in a hand drill or drill press and will leave a smooth finish with minimal material deformation. Their 1/4" depth of cut keeps vibration and distortion to a minimum. Sizes are available individually from 3/8" to 3" OD.

SM000 Sheet Metal Cutter Set (includes sizes 5/16", 3/8", 7/16", 1/2", 5/8", 3/4" w/ arbor, pilot pin, and carrying case) $89.95
SM000VS Sheet Metal Cutter Set (includes sizes 1", 1-1/4", 1-1/2", 1-3/4", 2", w/ two arbors, and carrying case) $185.00
SM000 Sheet Metal Cutter Set (includes sizes 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2" w/ two arbors, and carrying case) $195.00

ShortSlugger Annular Cutters

Short Slugger Annular Cutters utilize the same technology as standard cutters, but have a 1/2 inch shank and maximum 3/4 inch depth of cut. An optional arbor and lower horsepower requirements make these ideal for use in small mills and drill presses. A center punch mark is all that is required to locate and start the spring-loaded pilot pin for a fast and clean hole.

SI5001 Small Annular Cutter Set (0.75" depth, 9/16", 11/16", 13/16", 15/16", 1-1/16") $120.00
SI5000 Large Annular Cutter Set (0.75" depth, 1/2", 9/16", 11/16", 13/16", 15/16", 1-1/16", 1-1/16") $175.00

Drilling Jigs and Guides

These drilling jigs and guides are designed to allow the user to drill precise holes in tubing, pipe, and round stock using a portable electric hand drill and/or drill press.

Center-It Jig (For drill press use, holds round tube and pipe) $16.99
Drill-Rite Guide (portable drill use only, fits pipe dimensions: 1/2" - 2-1/2") $59.95
Tube Drilling Combo (includes Center-It Jig and Drill-Rite Guide) $69.99

Flowdrill

Flowdrill exists to provide an inexpensive, high quality replacement for traditional fastening methods such as nut-serts or weld-on nuts and bushings when working with thin wall material. Flowdrill is a solid tungsten carbide tool, which uses friction to form material into a cylindrical or cone shape. This formed hole can then be tapped or used for a reinforced bearing or bushing surface. Practical uses would be O2 or EG sensor installations, brackets and tabs, sheet metal fastening, etc. Flowdrill can be used in drill presses, CNC machines or even high speed hand drills for small holes.

Flowdrill Starter Kit #1 (1/4", 5/16") $750.00
Flowdrill Starter Kit #2 (1/8", 3/16") $1,025.00
Flowdrill Starter Kit for O2 Sensors (Hole Sizes: M18 x 1.5") $850.00

Power Drive Bead Rollers

Designed to handle .040" mild steel (20 ga.), .050" aluminum • Industrial motor available for 16 ga. applications • Largest selection of heat treated rolls to choose from • Adjustable depth of bead • Variable speed foot control for hands free operation • Oiltite bushings at all rotation points for long life • Heat treated gears for years of trouble free operation • 1-1/8" throat opening • Forward and reverse switch for left or right side operation

24" Throat Manual Roll... $595.00
24" Throat Power Roll (add SSBO for Industrial motor) $795.00
24" Throat Deluxe Kit (M41E) $1,250.10
36" Throat Power Roll (add SSBO for Industrial motor) $995.00
36" Throat Deluxe Kit (M41E) $1,444.10
42" Throat Power Roll... $1,195.00

High Throat Bead Roller

This new version of the popular Mittler bead roller allows the beading of high crown panels or pan shaped pieces, in addition to flat sheet metal. This unit comes standard with a variable speed electric motor and foot pedal controls. An upgraded motor option is available for beading 18 and 16 ga. mild steel.

4" Throat Model (add $250 for Industrial motor) $925.00
6" Throat Model (add $250 for Industrial motor) $1,150.00
Standard Roll Sets Starting at: $100.00
High Crown Roll Sets Starting at: $250.00

Top Tack Fasteners

High Crown Bead Rollers

Largest selection of heat treated rolls to choose from • Includes 1 standard roll set • Adjustable depth of bead • 4" tall throat • .040" mild steel or .060" aluminum capacity • Upgraded motor available for 16 ga applications

24" Throat Model (add $250 for Industrial motor) $925.00
36" Throat Model (add $250 for Industrial motor) $1,150.00
Standard Roll Sets Starting at: $100.00
High Crown Roll Sets Starting at: $250.00

Sealed For Video... $35.00 / Month

Tube Drilling Combo (includes Center-It Jig and Drill-Rite Guide) $69.99

Mittler Bros

Power Drive Bead Rollers

Largest Selection of Hardcore Metal Fab Tools
**Bead Form Tools**

**Jamey Jordan Series**

The Jamey Jordan Signature Series Bead Roller by Mittler Brothers is perfect for custom built sheet metal panels in street rods, aircraft restorations, and race cars. These machines are specially equipped with an adjustable upper shaft for greater flexibility with bead profiles. The machines feature a variable speed foot pedal control with a reversible 1/2 hp motor. Capacity is rated for 16 gauge steel and .060 inch aluminum. Deluxe Kits include a Jamey Jordan Bead Roller with industrial motor, art roll kit, soft step set, rolling pedestal, bead roller table, and a copy of “Art of Bead Rolling”, Volume 1.

- **Bead Form II HD** (5/8”–2” OD) (produces a bead approx. .050” tall x .185” wide) .................................................................$419.00
- **Bead Form III HD** (1-1/2”–4” OD for .065” material) (produces a bead approx. .080” tall x .270” wide) ..............................................$529.00
- **Bead Form I HD** (1-1/2”–4” OD, for .065” material) .................................................................$419.00
- **Bead Form II HD** (same as above w/ replaceable bushings and heat treated shaft) .................................................................$469.00
- **Bead Form III HD** (1-1/2”–4” OD, for .065” material) (produces a bead approx. .080” tall x .270” wide) ..............................................$529.00
- **Bead Form Electric** Electric Bead Form Upgrade (utilize your existing bead form tool).................................................................$1,270.00
- **Electric Bead Form I HD** (5/8”–2” OD) ..................................................................................$1,889.00
- **Electric Bead Form II HD** (1-1/2”–4” OD) ..................................................................................$1,889.00
- **Electric Bead Form III HD** (1-1/2”–4” OD, for .065” material) .................................................................$1,889.00

**HD Bead Roller**

The Baileigh BR-16E-36 Bead Roller features a 36 inch deep x 12 inch high throat - the largest available on the market! Additionally, the bead roller is equipped with a variable speed frequency drive with a foot pedal control, giving the operator unlimited speed adjustment. Another unique feature of this bead roller is the quick release upper die, which allows the upper roller to be disengaged from the material, while maintaining its depth when re-engaged. This allows the operator to begin or end a design in the middle of the panel without having to worry if the depth is set correctly.

- **Steel Capacity**: 36 gauge
- **Aluminum Capacity**: .065
- **Stainless Capacity**: 20 gauge
- **Throat Depth**: 36”
- **Throat Height**: 12”
- **Motor**: 1/2 hp 110v

**Tubing Bead Rollers**

Bead Form quickly forms hose beads on all types of tubing. Positive action gear drive and 8620 steel form rollers make this tool very durable. It works on steel, aluminum, copper, or brass up to .060” wall thickness. The hand crank can be removed and replaced with a ratchet and 1/4” square socket. Can be vice or bench mounted with the included bracket and even comes with a handy carrying case. Great for fuel and radiator lines.

- **Bead Form Jr (5/16”–1/2” OD)** is designed for .028” wall tubing (produces a bead approximately .035” tall) ..........................................$489.00
- **Bead Form 3/8” (1/2” OD)** (cooler w/ refrigeration and vacuum fabrication) .................................................................$489.00
- **Bead Form I (1/8”–2” OD)** (produces a bead approx. .050” tall x .185” wide) .................................................................$419.00
- **Bead Form BO** (same as above w/ replaceable bushings and heat treated shaft) .................................................................$469.00
- **Bead Form II (1/2”–4” OD) (produces a bead approx. .080” tall x .270” wide)** .................................................................$529.00
- **Bead Form II HD** (same as above w/ replaceable bushings and heat treated shaft) .................................................................$469.00
- **Bead Form III (1-1/2”–4” OD, for .065” material)** (produces a bead approx. .080” tall x .270” wide) .................................................................$529.00

**Expander/Reducer/Swager**

**622 Pexto Rotary Machine**

This Pexto 622 forming machine offers a broad variety of shapes and capabilities in forming sheet metal for a combination of uses: beading, crimping, double swaging, turning, burring, wiring, elbow edge, flanging, and flattening. The 622 Series is equipped with the addition of a 7” deep throat for additional forming capabilities. (24 gauge mild steel capacity). The 622 includes 5 sets of rolls and gauges, or may be ordered without rolls as the 622LR.

- **622 Pexto Rotary Machine (includes Pexto 622, bench mounting base, and rolls)** .................................................................$995.00
- **622LR Pexto Rotary Machine (less rolls)** .................................................................$875.00
- **Bead Form Boss Roll Set** (for tube beading with Pexto 622 or Tennsmith R22 machines) .................................................................$179.00

- **Steel Capacity**: 20 gauge
- **Aluminum Capacity**: .065
- **Stainless Capacity**: .050

**Scan for Video**

**Beading/Tube Expander/Reducer/Swager**

- **Hydraulic 622**
  - **Model No.**
  - **Minimum ID**
  - **Steel Cap.**
  - **Aluminum Cap.**
  - **Stainless Cap.**
  - **Finance as low as**
  - **$875.00**
  - **$1,270.00**
  - **$1,889.00**
  - **$489.00**
  - **$529.00**
  - **$529.00**
  - **$469.00**
  - **$419.00**
  - **$419.00**
  - **$469.00**
  - **$469.00**
  - **$419.00**
  - **$489.00**
  - **$179.00**

**Toll Free Order Line 1-877-826-7268 or 641-628-3860**

**Quality Tools Backed by our No Junk Guarantee**
Tube Notchers

**Toll Free Order Line 1-877-826-7268 or 641-628-3660**

**End Mill Tubing Notchers**

- **1 HP Standard** (1.5 HP Variable Speed Optional)
- **115v Operation** (220v Optional)
- 130 RPM Standard 75–250 RPM Variable Speed
- End Mill Design Allows Fast Metal Removal
- Rugged Construction 350 lbs.
- Don’t Be Fooled By Look Alikes!
- End Mill Notcher Stand (cabinet provides space for safe storage of spare cutters) .............................................................. $375.00
- Offset Vice ..............................................................
- Rolling Stand ..............................................................

**Calibrated Swivel Vise Allows ANY Angle Setting. Does NOT Clog with Chips!**

**Mini Tube Notcher - 1-1/4” Shank**

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**End Mill Cutters - 1-1/4” Shank**

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**Tube Notcher Options**

- **10500** High Capacity Hole Saw Tubing Notcher .............................................................. $595.00
- **10500** Vise Mounting Block (use for mounting in a vise or making your own stand, comes w/ mounting bolts) .............................................................. $19.99

**Tube Notchers**

- **JMR** The JMR Tubing and Pipe Notcher is the highest quality hole saw notchers on the market. It is manufactured from bar stock, not plate, to increase strength and has a 1.25” induction hardened shaft. The custom designed shaft seals prevent bearing and shaft damage and the shaft accepts replaceable hole saw mounting threads. The TN1000 tube notcher also features a 210° range of notch, allowing the fabricator to make a wide variety of notches. Angle changes can be made easy due to a Timken™ thrust bearing at the pivot point to increase clamping force while reducing wrench pressure. Use it for prototyping or production work.

**Baileigh**

- **TN-250** The TN-250 is one of the most versatile hole saw notchers on the market today. The unique radial vise clamping system allows for clamping tubing from 1” to 2.5” OD in any location, including the center of a bend. Hole saws are supported on a massive 1-1/4” OD shaft, which also includes a replaceable hex insert for attaching to a standard 1/2” drive drill. Offset copes of up to 1” can be accomplished by raising or lowering the cutter assembly.

**Pro-Tools**

- **HSN-501i Hole Saw Tube Notcher** .............................................................. $299.00
PipeNotchers

Baileigh

The TN-800 tubing notcher has an operator adjusted eccentric path that requires only one cutter to notch weld joints on tubing, pipe, or solids with outside diameters of 1” to 3”. This unique feature makes the TN-800 tubing cost savings are ongoing. Notching under 1” is achieved by installing an optional 1/2” cutter and adapter bushing.

- Create perfect weld joints in chrome moly, mild steel, stainless steel, and aluminum pipe or tubing
- Does not contaminate the weld joint, offering more strength in the weld
- Unmatched versatility, mobility, and easy operation. Our pipe notcher is capable of notching up to 60° in either direction
- Cross slide table, angle vise, and V-Jaws can be independently calibrated allowing accurate positioning of straight, angled, or offset notches
- Quick changeover for different diameters of tube
- Ruggedly built stand with large wheels and casters allows for easy mobility

The Grit GX75 Centimeter Grinding System by Fein can create the perfect surface finish on round tubing, with a very simple operation. The GXG features high process speeds along with an infinitely adjustable feed rate of the material. A variety of abrasives are available in order to achieve the right finish whether you are removing mill scale or creating a satin finish on stainless handrail.

The Grit GX75 Dual Speed Grinder is the basis for the GX module system. It is a reliable, powerful belt grinder for professional applications. Featuring a 3” x 79” belt, 4” x 4” platen, and an 8 inch front contact wheel this grinder offers plenty of grinding space for almost any application. Fein also offers two separate modules that make this grinder even more versatile.

The Grit GXG Centerless Grinding Module by Fein can create the perfect surface finish on round tubing, with a very simple operation. The GXG features high process speeds along with an infinitely adjustable feed rate of the material. A variety of abrasives are available in order to achieve the right finish whether you are removing mill scale or creating a satin finish on stainless handrail.

The Mittler Brothers Hydraulic Tube Notchers are precision-machined units based on a punch and die design. These notchers utilize a ten-ton ram that is capable of notching up to 2 3/8 inch OD tubing and 2 inch Schedule 40 pipe. These notchers have a maximum notch angle of 90° and can even handle limited angles when necessary. They can be used in a bench vise, fixed stand or stand with wheels, and are handy enough to take to your work or store out of the way.

Notch Tooling

PipeMasters

PipeMasters are the perfect companion to any of our notchers. These time-savers will easily pay for themselves when fitting tube or pipe together. Individual sizes will slip over the tube with a .002” clearance or can be used free hand. The steel pipe will contour to the shape desired which can be transferred to the work piece. Kits come in a foam lined carrying case. Call for sizes not listed.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Nominal Pipe Size</th>
<th>Pipe OD</th>
<th>Price</th>
</tr>
</thead>
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<tr>
<td>PT075</td>
<td>3/4”</td>
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<td>PT250S</td>
<td>2-1/2”</td>
<td>2.500”</td>
<td>$98.00</td>
</tr>
</tbody>
</table>

These notchers have a maximum notch angle of 90° and can even handle limited angles when necessary. They can be used in a bench vise, fixed stand or stand with wheels, and are handy enough to take to your work or store out of the way.
Bend-Tech offers tube bending software solutions for everyone from the hobbyist to the professional fabricator. Using the finished part dimensions, this software calculates how long to cut your tube as well as where to start each bend regardless of your bender type. This can save hours of calculating and reduce wasted material. Each version contains several common templates for nearly any application. With Bend-Tech SE, users have the option of sketch mode for drawing custom parts as well as X, Y, Z dimensional input. You can even view and rotate a three dimensional model of the finished part and watch a simulation of how it will bend on your specific bender. Whether you are a first time fabricator or a seasoned pro, Bend-Tech Software can easily pay for itself in the first use.

**Bend-Tech EZ** ........................................................................................................... $69.00

**Bend-Tech EZ 3D** ..................................................................................................... $149.00

**Bend-Tech Pro** (add $75.00 for Sheet Metal Module) .................................................. $295.00

**Bend-Tech PRO Deluxe Tube Bending Software with Sheet Metal and Header Design Modules SALE!** $295.00

**Bend-Tech Super SE** (add $75.00 for Sheet Metal Module) ........................................... $599.00

**Bend-Tech Super SE Deluxe Tube Bending Software with Sheet Metal and Header Design Modules SALE!** $749.00

---

**Bend-Tech Sheet Metal**

Bend-Tech Sheet Metal is the latest development used for designing sheet metal parts and assemblies. This software approaches sheet metal design from an easy to understand 2D perspective, however final product models are presented in full 3D for review. Bend-Tech Sheet Metal Software is easy to use and can be produced in minutes. Customers who have never used a CAD system before are productive the first time they sit down to use it. Bend-Tech Sheet Metal is designed for the serious hobbyist or small shop. It allows the user to export .DXF files for CNC cutting systems or printing templates, and also has the following features and capabilities:

- 2D CAD
- Bends / Flanges
- Flat Layout
- Drawing Dimpled Holes
- Parts assembly
- Chamfer, Corner notch
- Bolt-Hole Pattern
- Exports .DXF files

**Bend-Tech Sheet Metal Software** .......... $295.00

---

**Bend-Tech Header Design**

Bend Tech HD is a software tool that removes the trial and error from tube header manufacturing. Bend-Tech HD allows any user to be able to design their own tube headers in minutes, providing detailed step-by-step instructions where to cut and rotate each tubular segment. Bend-Tech HD is the only product in the world to help you design custom tube headers and break it down to fabrication instructions to use pre-bent mandrel tubing. Bend-Tech HD was designed for the fabricator. It uses terms and technology that is easy to understand. Users do not need any CAD or sophisticated software experience. Designed to make the user feel comfortable with it in minutes, it will start saving you time and money immediately.

**Bend-Tech Header Design Software** .......... $295.00

---

**Bend-Tech Profile Bending (PB)**

Bend-Tech Profile Bending (PB) software has been designed to work with bending machines often referred to as section, large radius, profile or roll-bending machines. The software will help you design the bending of any material profile, even allowing custom profiles to be created by the user. Bend-Tech PB software is capable of showing your material cut length, the start and end of bend zones, and gives you an animated graphical representation of a part as it is being created. A history log that accumulates real life data allows for increased accuracy for duplicating bends.

**Bend-Tech PB (for Roll Bending)** .......... $599.00

---

**Bend-Tech Profile Bending (PB)**

Bend-Tech offers tube bending software solutions for everyone from the hobbyist to the professional fabricator. Using the finished part dimensions, this software calculates how long to cut your tube as well as where to start each bend regardless of your bender type. This can save hours of calculating and reduce wasted material. Each version contains several common templates for nearly any application. With Bend-Tech SE, users have the option of sketch mode for drawing custom parts as well as X, Y, Z dimensional input. You can even view and rotate a three dimensional model of the finished part and watch a simulation of how it will bend on your specific bender. Whether you are a first time fabricator or a seasoned pro, Bend-Tech Software can easily pay for itself in the first use.

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**Bend-Tech PB (for Roll Bending)** .......... $599.00

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**TOLL FREE ORDER LINE 1-877-826-7268 OR 641-628-3860**

**THE LARGEST SELECTION OF HARDCORE METAL FAB TOOLS**
Tube Benders

**JMR Tube Benders**

JMR Tube Benders are built with heavy duty material and are sold at an economical price, making them perfect for DIY fabricators or small shop environments. All of these machines feature a military grade tough-coat finish, heat treated 4140 steel pins, and multiple bending speeds. These machines provide enough leverage to bend up to 2 inch round tube by hand, but can also be upgraded to hydraulics for even faster bending. Dies are sold separately and available for round and square tubing well as nominal pipe sizes (NPS).

- **TBH-250U** Electric/Hydraulic Bender (add $200 for 900 Series cylinder)..............$2,995.00
- **TBH-250U** Electric/Hydraulic Bender (add $200 for 1000 Series cylinder).........$1,995.00

**Hydraulic Benders**

The JMR TBH-250 air/hydraulic tube bender is a precision machined unit that offers large capacity, a fast hydraulic system, and unique portability. With features such as mild graphite bushings at the point, points, military grade tough-coat finish, and lifetime warranty billet steel die sets the JMR bender is built to last! The JMR air/hydraulic pump is easily operated with a foot pedal control and 80-100 psi of air pressure. All JMR hydraulic benders feature a powered cylinder return for faster cycle times and more repeatable zero point. Dies are available for round and square tubing well as nominal pipe sizes (NPS).

- **Pro-Tools HB-302** Support Bar (includes hydraulic cylinder and pump).....$295.00
- **Pro-Tools MB-105HD** Manual Tube Bender………………………………….$299.00
- **Pro-Tools MB-105HD** Manual Tube Bender Deluxe Kit (includes floor pedestal, degree ring and handle) .........$449.00

**Pro-Tools**

The Pro-Tools MB-105HD Manual Tube Bender is an upgraded version of the popular MB-105 bender, featuring 5/8 inch thick main frame arms. It is a great choice for building rock-crawlers, buggies, motorcycle frames and many other projects. With its 2 inch capacity and economical pricing, it can pay for itself in the first use. The Model 105 Heavy Duty uses mechanical leverage to easily bend by hand, but can be upgraded to hydraulic at any time. Dies are sold separately and available for round and square tubing well as nominal pipe sizes (NPS).

- **TBM-250** Basic Tubing Bender (includes steel degree ring and pointer)..............$295.00
- **TBM-250U** Ultra Tubing Bender (includes handle, billet aluminum degree ring and pointer)…………$595.00
- **Air/Hydraulic Conversion Kit for JMR Benders**……..$795.00

**Metal Fab Station**

The JMR Fab Station features a 36 x 48 inch slotted steel top surface that accepts threaded T-nuts, just like a drill press or mill would use, for maximum flexibility in workpiece holding. A unique feature about this one of a kind table is the receiver hitch style framework beneath the table’s surface. The hitch framework is intended to mount accessories such as a tubing bender, notcher, bench grinder, vise, or whatever you can dream up. The tray underneath allows you to store necessary supplies including the 1/2” T-slot hold down kit and 90 degree slotted angle plate that is included with the purchase of the table.

- **Slotted Fabrication Table**...............................................................$1,295.00
- **Fabrication Station** (Includes: table, tube bender, and tube notcher).................$3,495.00

**Bender Dies**

These JMR RaceLine Series dies fit all JMR tubing benders and come in several profiles to bend round tubing in mild steel, stainless steel, DOM, 4130 chrome moly and more. These feature an alloy one piece counter bend die to reduce galling on the tube. If you are unsure of which die you need, please feel free to contact us and we will guide you through the process.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Material Size</th>
<th>Center Line Radius</th>
<th>Minimum Wall Thickness</th>
<th>Maximum Degree of Bend</th>
<th>Price</th>
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<td>.065</td>
<td>110°</td>
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<td>2405150R</td>
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<td>2406150R</td>
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<td>1206150R</td>
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<td>6”</td>
<td>.065</td>
<td>180°</td>
<td>$208.00</td>
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<tr>
<td>2406150R</td>
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<td>6”</td>
<td>.065</td>
<td>180°</td>
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<td>1-1/2” (1.50&quot;)</td>
<td>6”</td>
<td>.065</td>
<td>180°</td>
<td>$208.00</td>
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<tr>
<td>2406150R</td>
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<td>.065</td>
<td>180°</td>
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<tr>
<td>2407100R</td>
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<td>6”</td>
<td>.065</td>
<td>180°</td>
<td>$208.00</td>
</tr>
</tbody>
</table>

Finance as low as $35.00 / Month
The RDB 125 tubing and pipe bender is the newest machine in the Baileigh/RMD lineup. This bender features big capacity for the money, it is able to bend 2.5" round tube or 2" schedule 40 pipe. Using a single hydraulic cylinder, the machine is capable of 180 degrees of bend without any repositioning of the tooling. The cylinder can be read and re-set by using the foot pedal control. It also features a quick release counter-bend die for easy positioning/removal of the tubing. Using industrial grade hydraulics and heavy steel construction, this machine is built to withstand tough industrial jobs.

- 180° capable (multiple strokes of cylinder)
- 2 1/2" round .125" wall mild steel capacity
- 2" schedule 40 pipe capacity
- 2" round .120" wall chrome moly capacity
- 2" square .125" wall mild steel capacity
- 7" CLR maximum
- Quick adjust counter bend die
- Industrial hydraulic cylinders
- 2-1/2" round .125" wall mild steel capacity
- 2" schedule 40 pipe capacity
- 2" round .120" wall chrome moly capacity
- 2" square .125" wall mild steel capacity
- 9" CLR maximum
- No tooling required to change forming and pressure dies
- Heavy duty casters for portability
- No tooling required for die changes
- Bends pipe, round & square tubing
- On casters for portability
- 220v 1 ph
- Available for Finance as low as $201.00 / Month

Finance as low as $4,695.00

The RDB 175 tube and pipe bender has a one bend-angle control that can bend up to 2-1/2" tubing and 2" schedule 40 pipe. The large 9" Center Line Radius (CLR) maximum accommodates a wide variety of bending applications. This rotary draw tube bender can bend 180° in 30 seconds and returns in only 12 seconds! Complex serpentine bends can be done with ease. A quick counter die release allows for easy removal of bends, and is adjustable in 1/4" increments for easy tool changes.

- 180° capable in one bend
- Quick adjust counter bend die
- Industrial hydraulic cylinders
- 2-1/2" round .125" wall mild steel capacity
- 2" schedule 40 pipe capacity
- 2" round .120" wall chrome moly capacity
- 2" square .125" wall mild steel capacity
- 9" CLR maximum
- No tooling required to change forming and pressure dies
- Heavy duty casters for portability
- 2" round .120" wall chrome moly capacity
- 2" square .125" wall mild steel capacity
- 7" CLR maximum
- 9" CLR maximum
- No tooling required for die changes
- Bends pipe, round & square tubing
- On casters for portability
- 220v 1 ph
- Available for Finance as low as $129.00 / Month

Finance as low as $7,295.00

These Baileigh die packages will help you save money and get you underway on your next bending project. Die kits are available for bending round, square, and pipe. These kits are put together for specific projects ranging from handrails to chassis fabrication. Die kits will fit all Baileigh tube benders except the RDB-050.

- RT-18 Tubing Kit (OD) (includes 3/4" x 2.5R, 7/8" x 3R, 1" x 3R, 1-1/4" x 4R, and 1-1/2" x 5R) ............................................... $1,425.00
- Racer’s Tubing Kit (OD) (includes 1” x 3R, 1-1/4” x 4R, 1-1/2” x 5R, 1-5/8” x 6R, and 1-3/4” x 7R) ............................................... $2,575.00
- RT-18 Pipe Kit (Nominal Pipe size) (includes 7/8" x 2.5R, 1" x 3.5R, 1-1/4" x 4.5R, 1-1/2" x 5.5R) ............................................... $2,478.00
- Handrail Kit (Nominal Pipe size) (includes 1-1/4" x 3R, 1-1/2" x 3.75R) ............................................... $968.00
- ST-18 Square Kit (OD) (includes 1/2" x 3R, 3/4" x 3.5R, 7/8" x 4.5R, 1" x 5.5R, and 1-1/2" x 6.5R) ............................................... $4,305.00

Shown with optional IDX table

Finance as low as $10,495.00

This manual roll bender by Pro-Tools is capable of rolling tube, pipe, channel, flats, and various box tubing. The unit’s small size makes it highly portable and versatile. Top roll position is adjusted by means of a lever handle and the lower rolls are fixed. Bottom rolls can be dropped in quickly, and the top roll is fixed in place using the keyed shaft on the handle.

With its sturdy dual side plate design, this machine can handle surprisingly large material for large radius work. (Not for rolling circles.) Excellent machine for the ornamental, racing, and handrail industry with die sets available for up to 2" OD.

- Mild Steel Capacity: 2" x .095"
- Round Aluminum Capacity: 2" x .120"
- Nominal Pipe Capacity: 1-1/2" Schedule 40
- Steel Minimum OD: 2"
- Square Mild Steel Capacity: 2" x .083

M3RB Manual Roll Bender .................................................. $970.00
Roll Sets .......................................................................... $329.00 ea.
Roll Bending Machines

These machines are used for bending tube, angle, or shapes into coils, circles or large arcs using a wide variety of materials. Simply adjusting the third roll changes the size of the arc or circle. A digital read out allows repeatability for production runs. Machines come complete with a universal roll at the tube end that require specific rolls for each OD. We have rolls for any application including CNC controlled. Please call for special applications.

- Lower rolls knurled for optimal traction
- Manual or hydraulic adjustment of top roll
- Rugged frame and heavy duty wide base
- Hardened steel shafts
- Horizontal or vertical operation options
- Drive components supported in roller bearings
- Heavy duty adjustable lateral material guides
- Compact, low maintenance design
- Hardened universal standard rolls
- Motor overload protection

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Tube Square Solid Angle</th>
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<tbody>
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<td>CP20</td>
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<td>CP30E</td>
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<td>2.3/4&quot; x 0.063&quot; 2.3/4&quot; x 0.125&quot; 1.3/8&quot; x 1/4&quot;</td>
</tr>
</tbody>
</table>

Hand Bending Machine

Introducing the HB1 Hand Bending Machine for up to 5/8" OD tubing. The HB1 features heavy duty steel construction for bending custom fuel, brake or hydraulic lines or even small diameter chassis tubing. Quick setup and simple operation make this the right choice for light production, repair, and prototype work. This model comes complete with a universal roll at the tube end that require specific rolls for each OD. We have rolls for any application including CNC controlled. Please call for special applications.

- Rugged CNC machined steel construction
- Replaceable parts for long service life
- 3D and 5D bends from each die set
- Motor overload protection

Model Display Motor Speed Weight
CP20 44 hp 10 280 lbs.
CP30E 1.25 hp 10 550 lbs.
Z402 2.25 hp 14 870 lbs.
CP40 2.25 hp 14 1,400 lbs.

Exhaust Benders

Huth benders provide a fast and versatile option for ram bending tubing, pipe and square. Popular with exhaust shops, as well as industrial applications these machines are built with portability and flexibility in mind.

- Adjustable bend die on lead screw
- 3D and 5D bends from each die set
- Replaceable parts for long service life
- Rugged CNC machine

<table>
<thead>
<tr>
<th>Model</th>
<th>Tube Diameter</th>
<th>Square</th>
<th>Solid</th>
<th>Angle</th>
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<td>1/2&quot; x 0.065&quot;</td>
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<tr>
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<td>1.1/2&quot; x 0.120&quot;</td>
<td>1.1/4&quot; x 1/8&quot;</td>
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<tr>
<td>Z402</td>
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<td>2.1/2&quot; x 0.120&quot;</td>
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</tr>
</tbody>
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Finance in line at $131.00 / Month

Finance in line at $131.00 / Month
**Compact Mandrel Benders**

The K Series mandrel benders are designed for the custom exhaust market and built with space in mind. These portable machines offer hydraulic muscle with digital accuracy offering a tolerance of ±0.1 degrees. With capacity up to 4 inch stainless and bend radii as tight as 1.5 x diameter in their standard configuration, these machines are as versatile as they are economical. Optional accessories include mandrel lubrication, length and rotational stops with the Plane of Bend device, and 500 part storage with the SPS touch screen control. Please call our expert sales staff with all of your bending needs.

- Mild steel tubing from 1/4” to 4”, maximum wall thickness 0.134”
- Stainless steel tubing from 1/4” to 4”, maximum wall thickness 0.078”
- Bending angle up to 180.0 plus 10.0 springback
- Bending head speed 0.0-90.0: 8 seconds
- Standard load length: 10’ (extensions available)
- Minimum centerline radius: 1.5D
- Maximum centerline radius: 6” (extensions available)
- Manual or semi automatic operation (with optional SPS control)
- Removable shaft for small bend radius
- Made in Germany
- Prices start at $1,595.00 / Month

**Optional Accessories**

- 2076K
- 20101K

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**CNC Plasma Table**

The Torchmate 2 x 2, 2 x 4, and 4 x 4 CNC plasma tables are designed to bring CNC cutting capabilities to garage enthusiasts, schools, or small fabrication shops. With a small footprint, the system brings CNC technology down to a size that will fit in most any environment. The system is compatible with most plasma cutters and the driver software will accept any .DXF file or G-code. With a cutting rate of up to 150 ipm and a resolution of approximately 0.0005” the Torchmate system delivers speed and accuracy previously available to only the largest fabrication shops. Simply add your plasma cutter and computer and start cutting!

Torchmate also offers its CAD Lite design software capable of laying out shapes for cutting and exporting the files to the driver software. A water table is available to trap dust and sparks created during the cutting process. Finally, the Torchmate system can also be used for more than just plasma cutting. Secondary tools can be mounted for CNC routing, drilling, milling, and even engraving.

- Footprint: 39” x 39” (2’ x 2’) & 60” x 60” (4’ x 4’)
- 2 x 2 Deluxe

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**2 x 2 Deluxe**

- 2 x 2 CNC Plasma Deluxe Kit
  - Includes: 2 x 2 CNC Plasma System, 2 x 2 Water Table, CAD Lite design module, and Hand Torch Holder
  - Just add plasma and computer!

- Prices as low as $142.00 / Month

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**4 x 4 Deluxe**

- 4 x 4 CNC Plasma Deluxe Kit
  - Includes: 4 x 4 CNC Plasma System, 4 x 4 Water Table, CAD Lite design module, and Machine Torch Holder
  - Just add plasma and computer!

- Prices as low as $237.00 / Month

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**Computer Requirements**

- Windows XP / Vista / Windows 7
- 1 GB processor
- 1 GB ram
- 30 GB hard drive

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**Financing Options**

- Finance as low as $1,595.00 / Month
- Finance as low as $2,966.00 / Month
- Finance as low as $5,178.80 / Month
- Finance as low as $3,623.95 / Month

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**Plasma Systems**

**THE LARGEST SELECTION OF HARDCORE METAL FAB TOOLS**

**Prices start at $107,433.00**

- Made in Germany
- Machine weight: approx. 5,500 lbs.
- Removable shaft for small bend radius
- Manual or semi automatic operation (with optional SPS control)
- Maximum centerline radius: 7”
- Minimum centerline radius: 1.5D (optional boosted pressure die for <1.5D)
- Standard load length: 10’
- Bending head speed 0.0–90.0: 9 seconds
- Bending angle up to 180.0 plus 10.0 springback
- Stainless steel tubing from 1/4” to 4”, maximum wall thickness 0.078”
- Mild steel tubing from 1/4” to 3”, maximum wall thickness 0.109”
- Stainless steel tubing from 1/4” to 3”, maximum wall thickness 0.065”
- Bending angle up to 180.0 plus 10.0 springback
- Bending head speed 0.0-90.0: 8 seconds
- Standard load length: 10’ (extensions available)
- Minimum centerline radius: 1.5D
- Maximum centerline radius: 6” (extensions available)
- Manual or semi automatic operation (with optional SPS control)
- Removable shaft for small bend radius
- Made in Germany
- Prices start at $57,800.00

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**Toll Free Order Line 1-877-826-7268 or 641-628-3860**

**Torchmate 2 x 2 Deluxe**

- Includes: 2 x 2 CNC Plasma System, 2 x 2 Water Table, CAD Lite design module, and Hand Torch Holder

- Just add plasma and computer!

- Prices start at $153,133.00