A few words from our President:

Let’s all come together as AMERICANS and celebrate our many blessings. The most important thing we have is our freedom, which is what sets this country apart from most all others. One of those freedoms is the ability to choose the work we do, none of us told by central planning what that job will be. Every year, I am so impressed by the imagination, creativity and quality of the work that each and every one of our customers accomplishes. We now have the Jamey Jordan training classes twice a year and to be able to witness the progression of skills of the students, after just a few days of instruction, is mind blowing.

We still have free elections and you can and should make your voice heard. We await the results of the midterms as I write this, and either way, I know we will move forward.

Whether you like President Trump, or not, he is a real champion of “Made in America” and that is the cornerstone of our business, for these nearly forty years. The easing of regulation and limiting new regulations has lifted a tremendous burden from all businesses. Locally, we have a U.S. steel plant reopening and bringing back 500 jobs! Suppliers were reporting business as soon as people were on site to help get the plant started. I’m sure you can agree this is a great trickle down as a result of these regulations.

This is the largest and I feel the best catalog we have ever produced. Whatever your interests may be, please take a little time to look it over and give us your feedback. We are open 24/7 online at www.mittlerbros.com. We look forward to hearing from you.

Personal health update, as I reported previously, I have Multiple Myeloma which is a cancer of the bone marrow. At this time, it cannot be cured; however, it is being treated and managed with a variety of chemotherapy to allow me to live as long as possible with quality of life. I do work most days, around treatments, keeping in touch with our customers and to see our great team.

Speaking of a strong TEAM, we have the best one here and I can’t say thanks enough to them for all the effort during my health issues. We continue to build our team bigger, stronger and smarter to serve you in the best possible way. As we said back on our 25-year anniversary in 2005, we are proud of our past and focused on the FUTURE! And this is just as true today, as it was then. Know that one of my key tenets in business is “take care of the customer and everything else takes care of itself”. Inside the back cover, make sure and check out all of the employees with 10 or more years of service. We are a winning TEAM!

Mike Mittler

The bitterness of poor quality remains long after the sweetness of a cheap price is forgotten!

GOD BLESS AMERICA

PLEASE SUPPORT OUR TROOPS-THE TRUE HEROES OF THIS COUNTRY! THEIR EFFORTS FOR OVER 200 YEARS ALLOW US THE FREEDOM WE HAVE TODAY.
Mittler Bros. Machine & Tool Co.
A Division of Mittler Corp.

PHONE
1-800-467-2464
636-745-7757

FAX
636-745-2874

MAILING ADDRESS
P.O. Box 110
Foristell, Missouri 63348-0110

SHIPPING ADDRESS
10 Cooperative Way
Wright City, Missouri 63390-4000

INDEX
Mittler Bros. Machine & Tool

<table>
<thead>
<tr>
<th>Category</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notchers &amp; Accessories</td>
<td>6-11</td>
</tr>
<tr>
<td>Benders &amp; Accessories</td>
<td>12-18</td>
</tr>
<tr>
<td>Informational DVDs</td>
<td>19</td>
</tr>
<tr>
<td>Bead Rollers &amp; Accessories</td>
<td>20-26</td>
</tr>
<tr>
<td>Jamey Jordan Signature Series</td>
<td>27-33</td>
</tr>
<tr>
<td>High Throat Bead Rollers</td>
<td>34-35</td>
</tr>
<tr>
<td>Rotary Machines &amp; Accessories</td>
<td>36-37</td>
</tr>
<tr>
<td>Bench Press &amp; Accessories</td>
<td>38-41</td>
</tr>
<tr>
<td>Punch &amp; Flares, Dimple Dies</td>
<td>42-44</td>
</tr>
<tr>
<td>Louver Press Kit</td>
<td>45</td>
</tr>
<tr>
<td>Bead Roll Layout Tools</td>
<td>46</td>
</tr>
<tr>
<td>Planishing Hammer</td>
<td>47</td>
</tr>
<tr>
<td>Power Hammer</td>
<td>48-49</td>
</tr>
<tr>
<td>Sheet Metal Brakes</td>
<td>50-54</td>
</tr>
<tr>
<td>Foot Shears</td>
<td>55</td>
</tr>
<tr>
<td>English Wheels</td>
<td>56-57</td>
</tr>
<tr>
<td>Shrinker / Stretcher</td>
<td>58-59</td>
</tr>
<tr>
<td>Hand Tools &amp; Clecos</td>
<td>60-61</td>
</tr>
<tr>
<td>Aircraft Tools</td>
<td>62</td>
</tr>
<tr>
<td>Hubs</td>
<td>63-65</td>
</tr>
<tr>
<td>Rear Ends &amp; Accessories</td>
<td>66-71</td>
</tr>
<tr>
<td>Spools</td>
<td>72</td>
</tr>
<tr>
<td>Crankshafts</td>
<td>73</td>
</tr>
<tr>
<td>Private Label MFG &amp; Ind. Build</td>
<td>74-75</td>
</tr>
<tr>
<td>Tanner Racing by Mittler Bros.</td>
<td></td>
</tr>
</tbody>
</table>

Check Us Out Online

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Twitter: www.twitter.com/mittler_bros
You Tube: www.youtube.com/Mittler1980

#mittlerbros

B-G Racing 104-105
New Products

180° Hydraulic Mandrel Tube Bender
see page 13

Bead Roll
Quick Change Keyhole Washer Set
see page 21

Jamey Jordan Stencil Bead Roll Set
see page 27

Order Online @ MITTLERBROS.COM
New Products

LAZZE Bead Rolls
see page 26

Ultimate Fabrication Station
see page 49

Handheld Shrinker Stretcher
see page 58

Order Toll Free 1-800-467-2464
Single Speed Ultimate Tube Notcher

**Model Options**

- **Model 400-S**
  - Vise Capacity 3/4” to 2” Tubing
  - Standard Vise
  - $4,695.00

- **Model 400-SADJ**
  - Vise Capacity 3/4” to 2” Tubing
  - Adjustable Height Vise
  - $4,995.00

- **Model 400-U**
  - Upgraded Vise Capacity 3/4” to 2-3/8” Tubing
  - Larger V-Block Vise
  - Recommended for pipe notching
  - $4,995.00

- **Model 400-UADJ**
  - Upgraded Vise Capacity 3/4” to 2-3/8” Tubing
  - Adjustable Height Larger V-Block Vise
  - Recommended for pipe notching
  - $5,350.00

- **Max Diameter**
  - 2” OD Standard Vise
  - 2 3/8” OD Upgraded Vise

- **Shipping**
  - Truck Freight at 300 lbs.
  - 43L x 19W x 24H

- **Power Specifications**
  - 1 HP AC Motor
  - 115 Volts / 15 Amp
  - 1 Phase 60 Hertz
  - International Motor Upgrade (See p. 7)

- **Order Online** @ MITTLERBROS.COM
Variable Speed Ultimate Tube Notcher

90° Notch = 16 Sec.  
45° Notch = 27 Sec.

All the Features of the Ultimate Tube Notcher, with Variable Speed Control!

- 75 to 250 RPM Adjustable Cutter Speed
- Use Fast Speeds for Thin Walled Tube
- Use Slow Speeds for Large Diameter Thick Walled Tube
- Mill Design Allows Easy Metal Removal
- Swivel Vise with 1° Increments
- V-Block Design Means Quick Setup Time
- Makes a Perfect Tig Weld Fit
- No Coolant Needed
- No Dust or Excessive Noise
- Optional Adjustable Height Vise for Offset Notching

Model Options

Model 400-VS
Vise Capacity 3/4” to 2” Tubing Standard Vise  
$5,250.00

Model 400-VSADJ
Vise Capacity 3/4” to 2” Tubing Adjustable Height Vise  
$5,550.00

Model 400-VSU
Upgraded Vise Capacity 3/4” to 2-3/8” Tubing Larger V-Block Vise  
Recommended for pipe notching  
$5,550.00

Model 400-VSUADJ
Upgraded Vise Capacity 3/4” to 2-3/8” Tubing Adjustable Height Larger V-Block Vise  
Recommended for pipe notching  
$5,850.00

Ships Truck Freight  
@ 320 lbs.  
43L x 19W x 24H

Max Diameter  
2” OD Standard Vise  
2 3/8” OD Upgraded Vise

1-1/2 HP AC Motor  
115, 208, 230, 240 Volts / 15 Amp  
1 Phase 50/60 Hertz

Order Toll Free 1-800-467-2464

#tubenotcher
Double Sided VS Ultimate Tube Notcher
Notch From Either Cutter Side
#tubenotcher

Wider Table Allows Vise To Travel Further so Cutting Can Be Accomplished on Both Sides of the End Mill. This Allows Notching those otherwise “Impossible Pieces”.

All The Features of our proven Variable Speed Ultimate Tubing Notcher

1-1/2 HP AC Motor
115, 208, 230 Volts / 15 Amp
1 Phase 50/60 Hertz

Double Sided Notcher Model Options

<table>
<thead>
<tr>
<th>Model</th>
<th>Vise Capacity</th>
<th>Model Options</th>
<th>Price</th>
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<tr>
<td>Model 400-VS2</td>
<td>3/4” to 2” tubing Standard Vise</td>
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<tr>
<td>Model 400-VS2ADJ</td>
<td>3/4” to 2” tubing Adjustable Height Vise</td>
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<td>Model 400-VSU2</td>
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<td>Model 400-VSU2ADJ</td>
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<td>$7,225.00</td>
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Double Sided Conversion Kit

Convert your Standard Ultimate Tube Notcher to a Double Sided Machine

Includes Double Sided Notcher Base, Power Relocation Bracket, Rubber Padding & Hardware

Double Sided Conversion Kit Model 400-KIT $4,150.00

Order Online @ MITTLERBROS.COM
Roll Around Stand Model 400-A400 $395.00

Adjustable Height Vise Kits
Make Accurate Offset Notches!
Add to your existing vise to make it height adjustable!
Jaw Kit for Standard Vise Model 1100-ASU $345.00
Jaw Kit for Upgraded Vise Model 1100-AUU $415.00

Ultimate Tube Notcher Accessories

- Locking Casters
- Cutter Storage
- Double Plug-in Box

Vise Stop Assembly
Model 400-401 $185.00

Jaw Kit Shim Required for 1/2" & 5/8" Tube

Vise Jaw Shim
Model 1100-100 $11.00

International Motor Upgrade
For Single Speed Ultimate Tube Notcher
230v / 1Ph / 50Hz. Motor...400-603...$300.00

Cutters

<table>
<thead>
<tr>
<th>Tubing</th>
<th>Part #</th>
<th>Pipe Size</th>
<th>Shank Size</th>
<th>Cut Length</th>
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<td>4&quot;</td>
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All Cutters Below Require Bushings >>>>>>>>>>>>>>>>>>>>

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<td>5/8&quot;</td>
<td>2-1/2&quot;</td>
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<td>$70.00</td>
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All Bushings Listed Below $55.00

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<th>Part #</th>
<th>Pipe Size</th>
<th>Shank Size</th>
<th>Cut Length</th>
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<td>400-534</td>
<td>1 1/8&quot;</td>
<td>4&quot;</td>
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<td>400-536</td>
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<td>400-538</td>
<td>1/2&quot;</td>
<td>2&quot;</td>
<td>$70.00</td>
</tr>
</tbody>
</table>

*Fine Cutters* required with Single Speed Ultimate Notcher to notch thin walled tubing (0.065" or less)

Variable Speed Ultimate Tubing Notcher uses Standard End Mill

Order Toll Free 1-800-467-2464
Standard Hydraulic Tube Notcher

- Capacity
  2" OD Maximum
  1" OD Minimum
- Produces Straight or Angle Cuts
- Includes 10 Ton Hydraulic Ram
- 35 Lbs.

Max Tube Wall Thickness 0.125"

Standard Hydraulic Tube Notcher With Die (your choice) Model 100 $895.00
Hydraulic Pump Sold Separately

Heavy Duty Hydraulic Tube Notcher

- Capacity
  2-3/8" OD Maximum
  1-1/2" OD Minimum
- Great for Production Work
- Recommended for Pipe Notching & Fencing
- Includes 10 Ton Hydraulic Ram
- 50 Lbs.

Max Tube Wall Thickness 0.154"

Heavy Duty Hydraulic Tube Notcher With Die (your choice) Model 100-U $1,275.00
Hydraulic Pump Sold Separately

Accessories

90 PSI Compressed Air
Air Hydraulic Pump, 6’ Hose & Fitting
Model 900-504-6 $675.00
Air Hydraulic Pump - Model 900-504 $600.00
6’ Hose - Model 900-505-6 $85.00
10’ Hose - Model 900-505-10 $130.00
20’ Hose - Model 900-505-20 $155.00

115v, 1Ph, 60Hz with 10’ Operator Cord
Electric Hydraulic Pump, 6’ Hose & Fitting
Model 900-508-6 $1,675.00
Electric Hydraulic Pump - Model 900-508 $1,600.00
6’ Hose - Model 900-505-6 $85.00
10’ Hose - Model 900-505-10 $130.00
20’ Hose - Model 900-505-20 $155.00

Bench Mounting Bracket
(Fits either unit)
Model 100-200 $85.00

Optional Floor Stand with Locking Casters
Model 3100-100 $265.00

Order Online @ MITTLERBROS.COM
**Hole Saw Notchers**

- Sets to Exact Angles (0-60 Degrees)
- Automatic Centering of Tube
- Notches Tubing from 1/2” to 2” Diameter
- Power with Drill Press or Hand Drill
- Economical Enough for the Amateur
- Rugged Enough for the Professional

Basic Steel Unit **Model 1700-BSU** $179.00

Deluxe Double Adjustable Aluminum Mount **Model 1700-DADM** $299.00

**Hole Saws**

<table>
<thead>
<tr>
<th>Size</th>
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<tr>
<td>3/4”</td>
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<tr>
<td>1-3/8”</td>
<td>1700-504</td>
<td>$12.00</td>
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<td>1700-506</td>
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</tr>
<tr>
<td>2”</td>
<td>1700-508</td>
<td>$15.00</td>
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</tbody>
</table>

**PipeMaster**

5-Piece Pro Race Kit
Includes 1”, 1-1/4”, 1-1/2”, 1-3/4” & 2” **Model MB-PT001** $275.00
(Includes Carrying Case)

Dragster Kit
Includes 1-5/8” & 1-1/2” **Model MB-PT002** $105.00
(Includes Carrying Case)

**Straight and True Holes with Ease!**
- Available in 5 Common Tube Sizes
- Billet Aluminum Construction
- Includes Jig and two Bushings
- Specify Drill Bushing Size When Ordering

1” Jig **Model 3500-1000** $89.00
1-1/4” Jig **Model 3500-1250** $89.00
1-1/2” Jig **Model 3500-1500** $89.00
1-5/8” Jig **Model 3500-1625** $89.00
1-3/4” Jig **Model 3500-1750** $89.00
1-1/2”, 1-5/8”, 1-3/4” Set **Model 3500-1800** $240.00

**Pipe Sizes-OD**

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**Pipe Sizes-ID**

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<td>1-1/4”</td>
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<tr>
<td>1-1/2”</td>
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</tr>
<tr>
<td>2”</td>
<td>MB-P200</td>
<td>$62.00</td>
</tr>
</tbody>
</table>

Order Toll Free 1-800-467-2464
Hydraulic 180° Tube Bender

* Hydraulic Powered 25 Ton Ram
* 8-1/4 Stroke
* Digital Readout in 1° Increments for Maximum Repeatability
* Bends Mild Steel, Stainless, Aluminum, 4130 Tubing & Pipe

180° Bender (25 Ton Ram) Model 2500 $4,495.00

Heavy Duty 180° Bender (25 Ton Ram) Model 2500-HD $5,075.00

Round Tube Shoe Sets

<table>
<thead>
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<th>Tube OD</th>
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<td>4&quot;</td>
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Square Tube Shoe Sets

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<thead>
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Pipe Shoe Sets

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Additional Metric Sizes Available
See www.mittlerbros.com

* Must Purchase Model # 2500-302 Large Adjustable Saddle

Order Online @ MITTLERBROS.COM
Hydraulic Mandrel Tube Bender

Can be added to your existing 180° Tube Bender or purchased as a standalone machine.

Sample Rectangular Tubing Bends

Call for details and pricing information!
Order Toll Free 1-800-467-2464
## Hydraulic 90° Tube Bender

*#tubebender*

### Specifications
- **Max Capacity** - Mild Steel
  - 2" OD Tubing .125” Wall
  - 1-1/2” Pipe (1.90” OD) .145” Wall

- **.065” Minimum Wall Thickness**

- **NEW Stand Available** (See p. 15)

- **90° Bender (25 Ton Ram)** Model 900 **$1,250.00**
  - Hydraulic Pump Sold Separately p. 15
  - Shoe Sets Sold Separately

### Round Tube Shoe Sets
<table>
<thead>
<tr>
<th>Tube OD</th>
<th>CL Rad.</th>
<th>Part #</th>
<th>Price</th>
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<td>7”</td>
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<td>$500.00</td>
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<td>178mm</td>
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<td>$555.00</td>
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<td>900-M40</td>
<td>$555.00</td>
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<td>1-1/2”</td>
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<td>$555.00</td>
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<td>1-3/8”</td>
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<td>1-1/8”</td>
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<td>900-S11</td>
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<td>1”</td>
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<td>3/4”</td>
<td>4”</td>
<td>900-S14</td>
<td>$275.00</td>
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### Square Tube Shoe Sets
<table>
<thead>
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<th>Part #</th>
<th>Price</th>
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<tr>
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<td>8”</td>
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### Pipe Shoe Sets
<table>
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<td>.84</td>
<td>4”</td>
<td>900-S45</td>
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</tbody>
</table>

### Differences Between Pipes and Tubes

- **3 1/2” Minimum Radius**
- **.065” Minimum Wall Thickness**

### Additional Metric Sizes Available

*See www.mittlerbros.com

*Must Purchase Model # 2500-302 Large Adjustable Saddle

---

Order Online @ MITTLERBROS.COM
Tube Bending Accessories

90° Plate Brake Die

Fits in Mittler Bros. 90° Tube Benders
Bends up to 5” Wide

Plate Brake Die Adapter Kit Model 900-200 $195.00
11 Ga - 9 Ga Model 900-205 $175.00
7 Ga - 1/4” Model 900-210 $175.00
5/16” - 3/8” Model 900-215 $175.00

Adjustable Saddles
For 90° & 180° Hydraulic Tube Benders

- Securely holds each tube, eliminates tube creep
- Easy Release “V” Block eliminates Stuck Saddle from tube spring back
- Easier Bend-to-Bend Alignment with light pressure on tube
- Saddles Handle Round & Square Tubing

Adjustable Saddle Sold Separately - Not Included with Shoe Set

3/8” TO 1-3/8” OD. Small Adjustable Saddle
Model 2500-300 $79.00
1-1/2” TO 1-3/4” OD. Medium Adjustable Saddle
Model 2500-301 $100.00
2” OD. Large Adjustable Saddle
Model 2500-302 $135.00

Bend Stop for 180° Tube Bender
Pre Set Stop For Accurate Repeat Bends
Bolts to the side of the Model 2500 180° Hydraulic Bender frame and routes shop air through the valve to your air hydraulic pump. Once adjustable stop button is moved to proper preset position, button will contact the air “switch” and cuts the air to your pump at the preset position. Three Bend Pre-sets makes this Ideal for repeat production work.

Air Stop Kit for 2500 180° Bender
Model 2500-400 $370.00

Electric Stop Kit for 2500 180° Bender
Model 2500-405 $545.00

Order Toll Free 1-800-467-2464
**Tube Bending Accessories**

---

**90 PSI Compressed Air**
Air Hydraulic Pump, 6' Hose & Fitting  
**Model 900-504-6** $675.00  
Air Hydraulic Pump - Model 900-504 $600.00  
6' Hose - Model 900-505-6 $85.00  
10' Hose - Model 900-505-10 $130.00  
20' Hose - Model 900-505-20 $155.00

**115v, 1Ph, 60Hz with 10' Operator Cord**
Electric Hydraulic Pump, 6' Hose & Fitting  
**Model 900-508-6** $1,675.00  
Electric Hydraulic Pump - Model 900-508 $1,600.00  
6' Hose - Model 900-505-6 $85.00  
10' Hose - Model 900-505-10 $130.00  
20' Hose - Model 900-505-20 $155.00

**Digital Read Out**
For Model 900 Bender  
**Model 900-D** $405.00

**Tube Bending Instructional DVD For Model 900 Bender**  
**Model 900-500-DVD** $40.00

---

**Tube Bending Software**

Requires XP, Vista, Windows 7, 8 and 10

**BEND-TECH EZ**
- Designed for Tube Bending Projects with simple 2D parts (completed parts that lay flat)  
- Predefined Templates to illustrate and assist in part layout and setup  
- Six Bends allowed with custom part interface  
- Total Tube Length identified for your specific bending project  
- Bend Start Points identified for each bend  
- Printable Setup Sheet - easy to follow  
- Upgradable to Higher Software Level -- EZ-3D, PRO, or SE

**Bend-Tech EZ Software Model 900-510** $72.00

**BEND-TECH EZ-3D**
- All EZ Features Included  
- 3D Custom Part Window for multiple bends  
- 360° Part Rotation to view part from any angle  
- Simple Setup Terms of “front, back, floor, ceiling, left, & right”  
- Reverse Bending order available  
- Bending Simulation illustrates each bend process and final shape  
- Upgradable to Higher Software Level -- PRO or SE

**Bend-Tech EZ-3D Software Model 900-511** $160.00

**BEND-TECH PRO**
- All EZ-3D Features Included  
- Entire Manufacturing Instructions are printable to check each part's design & process  
- Each Part Shown Individually with dimensions, angle and degree of notch  
- Cutting Instructions -- includes notching (fish-mouth)  
- Full 3D Assembly Design  
- 10 Bends Allowed

**Bend-Tech PRO Software Model 900-512** $310.00

**BEND-TECH SE**
- All PRO Features Included  
- DXF Compatible  
- Commercial Bending  
- Springback Compensation  
- Manufacturability Checking  
- LRA to XYZ, transfer any part into a XYZ data  
- 50 Bends Allowed

**Bend-Tech SE Software Model 900-513** $625.00

---

Order Online @ MITTLERBROS.COM
Alignment Tools

Digital Angle Gauge with Level

- Convenient "HOLD" feature
- Press the ZERO button to calibrate the gauge to any reference surface
- Standard AAA batteries for up to 2 years life
- Built in level uses patent pending Dead Level™ technology
- Super strong magnets securely attach the gauge to saw blades and other metallic surfaces

*Dead Level refers to absolute level with respect to the center of the earth. This setting is permanently calibrated.

Digital Angle Gauge w/ Level
Model MB-WR365 $50.00

Digital Protractor
Model MB-WR410 $59.00

- Long legs for added versatility
- Measure work-piece or construction angles
- Use for marking and layout
- 2" wide x 7/8" thick x 9" long
- Can be used in any plane
- 0.1 degree resolution, accuracy and repeatability
- Sets both miter and bevel angles on almost any machine
- Strong magnets on all blade edges for ease of use
- Blades can be tightened for holding measurements

Bend Protractors

- Easily Set Any Degree Of Bend From 0° to 90°
- Can Be Used As A Bend Template Or Degree Indicator
- Inner Scale Shows Degree Of Bend
- Outer Scale Shows Developed Length For Each Degree Of Bend
- Light Weight Aluminum For Ease Of Use
- Precision Laser Engraving

End material waste and slow trial and error fabrication. The Notch & Bend Aligner assures precise axial alignment of notches and bends. Add this finishing touch to your Ultimate Notcher and Tube Bender!

Notch & Bend Aligner Complete w/ Smart Tool
Model 1800-STA $220.00

Capacity:
3/4" OD to 2" OD Round

Mount Only
Model 1800-A $85.00

Smart Tool Angle Sensor
Model 1800 $140.00

- Beeps at level and plumb
- Digitally reads all angles in degrees, % slope, & pitch
- Push button recalibration
- Useful for a variety of applications & equipment

Magnetic Mount
Model 1800-505 $15.00

No Smart Tool owner should be without!

Close Up View

Order Toll Free 1-800-467-2464
180° Manual Tube Bender

Manual 180° Tube Bender - Includes: Shoe Set (Your Choice)

Model 950 $450.00

Round Tube Shoe Sets
3 Piece Set - Main Shoe, Follow Roller & Eccentric Lock Roll

<table>
<thead>
<tr>
<th>Tube Size</th>
<th>CL Rad.</th>
<th>Part #</th>
<th>Price</th>
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<td>3/4&quot;</td>
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Square Tube Shoe Sets
3 Piece Set - Main Shoe, Follow Roller & Eccentric Lock Roll

<table>
<thead>
<tr>
<th>Tube Size</th>
<th>CL Rad.</th>
<th>Part #</th>
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<tr>
<td>1/2&quot;</td>
<td>2&quot;</td>
<td>950-S10</td>
<td>$240.00</td>
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</table>

Model 950 is 30 lbs. with one shoe set

Time saving features to upgrade your existing 180° Manual Tube Bender

Retrofit Degree Wheel Kit Model 950-DWK $85.00

Simply insert your tube into the bender, pull follow roller into contact with tube, loosen thumb screw and rotate degree dial so “0” aligns with arrow. Pull follow roll until arrow aligns with degree of bend desired.

Eccentric Lock Roll (Specify Tube Size at Order) Model 950-006 $72.00

Offset mount allows lock roll to prevent tube creep & hold tube securely during bending operation.

Order Online @ MITTLERBROS.COM
<table>
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<th>DVD Title</th>
<th>Price</th>
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<tr>
<td>Jamey Jordan Art Of Bead Rolling Vol. 1 DVD</td>
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<tr>
<td>Jamey Jordan Art Of Bead Rolling Vol. 2 DVD</td>
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<tr>
<td>Ron Covell Shaping Aluminum with Hand Tools DVD</td>
<td>$40.00</td>
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<tr>
<td>Ron Covell Basic Techniques for Working Steel DVD</td>
<td>$40.00</td>
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<tr>
<td>Ron Covell Working With Tubing DVD</td>
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<tr>
<td>Ron Covell Hammer Forming Techniques DVD</td>
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<td>Ron Covell TIG Welding Basics DVD</td>
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<td>Ron Covell Advanced TIG Welding DVD</td>
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<tr>
<td>Ron Covell High Power Metalshaping Workshop DVD</td>
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<td>Ron Covell Beading Machine Basics DVD</td>
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<td>$40.00</td>
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<tr>
<td>Ron Fournier Sheet Metal Hand Tools DVD</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

Order Toll Free 1-800-467-2464
Variable Speed Power Drive Bead Rollers

Max Capacity
19 Ga (.040") Mild Steel
16 Ga (.050") Aluminum
24 Ga (.025") Stainless

Proudly Built in the USA For Over 30 Years!

- 24” Model - Billet Aluminum Frame
- 36” & 42” Models - Jig Welded Steel Frame
- 100+ Bead Roll Profiles (See pages 24-25)
- 1-1/8” Throat Height
- Adjustable Depth of Bead
- Oilite Bushings for Long Life
- 10’ Variable Speed Foot Pedal Operation
- Forward / Reverse Switch
- Both Shafts Driven

6” Throat Depth Variable Speed Bead Roller Model 210-6 $785.00
Great for edge work where a deep throat isn’t necessary!

24” Throat Depth Variable Speed Bead Roller Model 210-24 $975.00

36” Throat Depth Variable Speed Bead Roller Model 200-36 $1,175.00

42” Throat Depth Variable Speed Bead Roller Model 200-42 $1,550.00
42” Model Ships Truck Freight Only

Bead Rolls
Sold Separately
(See pg. 24-25)

Gold Series
Bead Rolls
(See pg. 23)

Upgraded Adjustable Shaft Models Available On Page 28

Order Online @ MITTLERBROS.COM
# Industrial Variable Speed Bead Rollers

**Ideal For Restorations Using Up To 16 Ga Mild Steel**

- **24”**: Billet Aluminum Frame
- **36”**: Jig Welded Steel Frame
- 100+ Bead Roll Profiles (See pages 24-25)

## Max Capacity
- 16 Ga (.059”) Mild Steel
- 14 Ga (.064”) Aluminum
- 22 Ga (.031”) Stainless

## Increased Motor Torque & Horsepower To Handle Those Demanding Jobs with Ease!
- 24” Model - Billet Aluminum Frame
- 36” Model - Jig Welded Steel Frame
- 1-1/8” Throat Height
- Adjustable Depth of Bead
- Oilite Bushings for Long Life
- 10’ Variable Speed Foot Pedal Operation
- Forward / Reverse Switch
- Speed Range Adjustment Knob

### 24” Throat Depth Industrial Variable Speed Bead Roller (Billet Aluminum)
- Model 210-24NV $1,595.00

### 36” Throat Depth Industrial Variable Speed Bead Roller (Jig Weld Steel)
- Model 200-36NV $1,795.00

## Bead Roll Quick Change Washers

- **NEW**
- If you are constantly swapping Bead Roll Dies, these Quick Change Washers will save you a great deal of time!

## Voltage Converter

- Power Converter required when operating power drive bead roller on power source other than 110 volts.
- 110, 200, 220 & 240 Volt Input / 110 or 220 Volt Output
- 500 Watt (5 Amp) Voltage Converter Model 200-552 $79.00
- 2000 Watt (16 Amp) Voltage Converter Model 200-558 $150.00

## Bead Roller Accessories

### Floor Stands
- Bolt Together Design For Easy Shipping
- Industrial Coated Finish
- Fits All Bead Rollers

#### H-Frame w/ Integrated Roll Holders
- Model 200-031 $135.00

#### Rolling W/ Locking Casters & Integrated Roll Holders
- Model 200-150 $185.00

### Standard Motor to Industrial Motor Conversion Kit
- Model 200-300 $1,045.00
  (Easy bolt on conversion kit to upgrade for 16 Ga Mild steel Capacity)

### Depth Stop
- Model 200-009 $100.00

### Roll Holder
- Model 200-RH $80.00

### 10” Pedal Cord

### Gold Series Bead Rolls (See pg. 23)

### Bead Rolls Sold Separately (See pg. 24-25)

## Upgraded Adjustable Shaft Models Available On Page 28

Order Toll Free 1-800-467-2464
**24” Bead Roller Kit**

**Kit includes:**
- 210-24 - 24” Bead Roller
- 200-150 - Rolling Stand
- 201-250 - 1/4” Round Bead Roll
- 201-062-S - 1/16” Step Roll
- 201-500-F - 1/2” Flat Bead Roll
- 201-072 - Spoiler Roll
- 201-101 - Tipping Roll
- 201-102 - Art Pattern Roll

**Max Capacity**
- 19 Ga (.040”) Mild Steel
- 16 Ga (.064”) Aluminum
- 24 Ga (.025”) Stainless

---

**24” Standard Bead Roller Kit Model 210-24-K $1,545.00**

**24” Industrial VS Bead Roller Kit Model 210-24NV-K $2,135.00**

---

**36” Bead Roller Pro Racer & Restoration Kit**

**Kit includes:**
- 200-36NV 36” Industrial VS Bead Roller
- 200-150 - Rolling Stand
- 201-250 - 1/4” Round Bead Roll
- 201-062-S - 1/16” Step Roll
- 201-500-F - 1/2” Flat Bead Roll
- 201-072 - Spoiler Roll
- 201-101 - Tipping Roll
- 201-102 - Art Pattern Roll

**Max Capacity**
- 16 Ga (.059”) Mild Steel
- 14 Ga (.064”) Aluminum
- 22 Ga (.031”) Stainless

---

**36” Bead Roller Pro Racer & Restoration Kit Model 200-36NV-K $2,325.00**

Order Online @ MITTLERBROS.COM
Magna-Drive Quick Change System

Specialty Rolls Gold Series
For Use With Standard (1-1/8" Throat) Bead Rollers

- Set Fits the 1-1/8" Throat MB Bead Rolls
- Top roll is Heat Treated and Titanium Nitride Coated for long life
- Bottom roll is Urethane

Max Capacity
16 Ga (.050") Aluminum

Replace Bottom Skateboard Wheel with Hem 3 for a whole new look (sold separately)

ROLL ONLY  ROLL SET
$265.00  $310.00

Order Toll Free 1-800-467-2464
Largest Selection of Rolls Available!
For Use With Standard (1-1/8” Throat) Bead Rollers

Standard Round
Bead Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/8” Round</td>
<td>201-125</td>
<td>$70.00</td>
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<tr>
<td>3/16” Round</td>
<td>201-188</td>
<td>$70.00</td>
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<tr>
<td>1/4” Round</td>
<td>201-250</td>
<td>$70.00</td>
</tr>
<tr>
<td>5/16” Round</td>
<td>201-313</td>
<td>$70.00</td>
</tr>
<tr>
<td>3/8” Round</td>
<td>201-375</td>
<td>$70.00</td>
</tr>
<tr>
<td>1/2” Round</td>
<td>201-500</td>
<td>$70.00</td>
</tr>
<tr>
<td>5/8” Round</td>
<td>201-625</td>
<td>$85.00</td>
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<tr>
<td>3/4” Round</td>
<td>201-750</td>
<td>$90.00</td>
</tr>
<tr>
<td>1” Round</td>
<td>201-100</td>
<td>$95.00</td>
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Standard Flat
Bead Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/8” Flat</td>
<td>201-125-F</td>
<td>$70.00</td>
</tr>
<tr>
<td>3/16” Flat</td>
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<td>201-313-F</td>
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<tr>
<td>3/8” Flat</td>
<td>201-375-F</td>
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<td>1/2” Flat</td>
<td>201-500-F</td>
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<tr>
<td>5/8” Flat</td>
<td>201-625-F</td>
<td>$90.00</td>
</tr>
<tr>
<td>3/4” Flat</td>
<td>201-750-F</td>
<td>$90.00</td>
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<tr>
<td>1” Flat</td>
<td>201-100-F</td>
<td>$95.00</td>
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Standard Step
Roll Sets

<table>
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<tr>
<th>Description</th>
<th>Steel P/N</th>
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<tr>
<td>.062” Step</td>
<td>201-062-S</td>
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<tr>
<td>.090” Step</td>
<td>201-090-S</td>
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<td>201-125-S</td>
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</tr>
<tr>
<td>3/16” Step</td>
<td>201-188-S</td>
<td>$70.00</td>
</tr>
<tr>
<td>1/4” Step</td>
<td>201-250-S</td>
<td>$70.00</td>
</tr>
<tr>
<td>45° Step</td>
<td>201-045-S</td>
<td>$70.00</td>
</tr>
</tbody>
</table>

New & Improved
Bead Rolls Now with Splined Center for Quicker & Easier Mounting!
Works with new Magna-Drive or any existing machine!

45° Step
Bead Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8” 45°</td>
<td>201-125-45</td>
<td>$70.00</td>
</tr>
<tr>
<td>3/16” 45°</td>
<td>201-188-45</td>
<td>$70.00</td>
</tr>
<tr>
<td>1/4” 45°</td>
<td>201-250-45</td>
<td>$70.00</td>
</tr>
<tr>
<td>5/16” 45°</td>
<td>201-313-45</td>
<td>$70.00</td>
</tr>
<tr>
<td>3/8” 45°</td>
<td>201-375-45</td>
<td>$70.00</td>
</tr>
<tr>
<td>1/2” 45°</td>
<td>201-500-45</td>
<td>$70.00</td>
</tr>
<tr>
<td>5/8” 45°</td>
<td>201-625-45</td>
<td>$90.00</td>
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<tr>
<td>3/4” 45°</td>
<td>201-750-45</td>
<td>$90.00</td>
</tr>
<tr>
<td>1” 45°</td>
<td>201-100-45</td>
<td>$95.00</td>
</tr>
</tbody>
</table>

All Standard Roll Sets
2-1/2” OD x 3/4” ID

All Rolls Available in Nylatron at same price!
Nylatron Rolls are Ideal for Pre-Finished Materials
Copper, Brass & Thin Aluminum
Add Letter “D” to the End of Part #
ex. 1/8” Round Nylatron Roll 201-125D

Bead Size Indicates Width

HD Tube Bead Rolls
Fits our model 200 & 210 Bead Rollers

Recommended for use with 24” BR w/ Industrial Motor or Rotary Machine

Rolls A Bead So Hoses Won’t Slip Off

HD Tube Bead Rolls Model 201-010 $160.00
(1-1/4” ID Min x .095” Wall Aluminum, .059 Mild Steel, .043 Stainless Steel)

Order Online @ MITTLERBROS.COM
Specialty Rolls
For Use With Standard (1-1/8” Throat) Bead Rollers

<table>
<thead>
<tr>
<th>Specialty Roll Sets</th>
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<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Art Pattern Roll Set</td>
</tr>
<tr>
<td>Blank Roll Set (non-machined)</td>
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<tr>
<td>Body Line Roll Set</td>
</tr>
<tr>
<td>Fender Flare Roll Set</td>
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<tr>
<td>Full Radius Tank Roll Set</td>
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<tr>
<td>Hem Roll Set Combo</td>
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<tr>
<td>Hem Roll Set Steel</td>
</tr>
<tr>
<td>Hem Roll Step #1 (90°)</td>
</tr>
<tr>
<td>Hem Roll Step #1 (90°)</td>
</tr>
<tr>
<td>Hem Roll Step #2 (140°)</td>
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<tr>
<td>Hem Roll Step #3 Flat</td>
</tr>
<tr>
<td>Louver Roll Set</td>
</tr>
<tr>
<td>Shear Roll Set</td>
</tr>
<tr>
<td>Standard Tank Roll Set</td>
</tr>
<tr>
<td>Spoiler Roll Set</td>
</tr>
<tr>
<td>Tipping Roll Set</td>
</tr>
<tr>
<td>Tube Bead Roll Set (HD)</td>
</tr>
<tr>
<td>30° Angle Roll Set</td>
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<tr>
<td>90° 1/2” Angle Roll Set</td>
</tr>
<tr>
<td>90° 3/4” Angle Roll Set</td>
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<tr>
<td>1/8” Double Taper PinStripe Roll Set</td>
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<tr>
<td>1/16” Wire Bead Roll Set (3 pc Set)</td>
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<tr>
<td>1/8” Wire Bead Roll Set (3 pc Set)</td>
</tr>
<tr>
<td>3/4” W x 1/2” D Wire Trough Roll Set</td>
</tr>
</tbody>
</table>

Hem Roll Set Complete
This easy, three-step process creates hem rolls approximately 1/4” deep on steel or aluminum up to .040” thick without marring pre-painted aluminum. Rolls are available in HEAT-TREATED STEEL or COMBO STEEL & NYLATRON.

Complete Hem Roll Set Combo Steel / Nylatron
Model 201-037 $185 (save $65)

Complete Hem Roll Set Combo Heat Treated Steel
Model 201-038 $185 (save $65)

Wire Bead Roll Set Complete
1/16” Wire Bead Roll Set
Model 201-062-WBS $240

1/8” Wire Bead Roll Set
Model 201-125-WBS $240

Order Toll Free 1-800-467-2464
## LAZZE Bead Rolls

For Use With Standard (1-1/8” Throat) Bead Rollers with Adjustable Shafts


<table>
<thead>
<tr>
<th>Bead Size</th>
<th>Part Number</th>
<th>Price</th>
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<tbody>
<tr>
<td>1.5mm Radius Bead</td>
<td>205-13-107</td>
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<tr>
<td>2mm Radius Bead</td>
<td>205-13-108</td>
<td>95.00</td>
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<tr>
<td>2.5mm Radius Bead</td>
<td>205-13-109</td>
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<td>3mm Radius Bead</td>
<td>205-13-110</td>
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<tr>
<td>3.5mm Radius Bead</td>
<td>205-13-111</td>
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<tr>
<td>4mm Radius Bead</td>
<td>205-13-112</td>
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<td>5mm Radius Bead</td>
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<td>6mm Radius Bead</td>
<td>205-13-131</td>
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<td>7mm Radius Bead</td>
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<tr>
<td>9mm Radius Bead</td>
<td>205-13-113</td>
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<tr>
<td>12.5mm Radius Bead</td>
<td>205-13-145</td>
<td>95.00</td>
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<tr>
<td>1mm Step Dies</td>
<td>205-13-127</td>
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<td>2mm Step Dies</td>
<td>205-13-128</td>
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<td>3mm Step Dies</td>
<td>205-13-129</td>
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<td>5mm Step Dies</td>
<td>205-13-117</td>
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<td>6mm Step Dies</td>
<td>205-13-118</td>
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<tr>
<td>7mm Step Dies</td>
<td>205-13-122</td>
<td>95.00</td>
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<tr>
<td>3.5mm Half U</td>
<td>205-13-146</td>
<td>47.50</td>
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<tr>
<td>4mm Half U</td>
<td>205-13-147</td>
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<td>5mm Half U</td>
<td>205-13-150</td>
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<td>6mm Half U</td>
<td>205-13-151</td>
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<td>7mm Half U</td>
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<td>47.50</td>
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<td>12.5mm Half U</td>
<td>205-13-149</td>
<td>47.50</td>
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<tr>
<td>U-Profile</td>
<td>205-13-115</td>
<td>95.00</td>
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<td>Flat Dies</td>
<td>205-13-126</td>
<td>85.00</td>
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<td>Flame Dies</td>
<td>205-13-142</td>
<td>95.00</td>
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<tr>
<td>Tipping Dies</td>
<td>205-13-138</td>
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<td>55° Step Dies</td>
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<td>90° Dies</td>
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<td>Special Ford 33-34</td>
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<td>168.00</td>
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<tr>
<td>32 Ford Wire Edge</td>
<td>205-13-139</td>
<td>126.00</td>
</tr>
<tr>
<td>33-34 Ford Wire Edge</td>
<td>205-13-140</td>
<td>126.00</td>
</tr>
</tbody>
</table>

Order Online @ MITTLERBROS.COM
Mittler Bros. is proud to offer the Jamey Jordan Signature Series of Bead Rollers & Unique Rolls. Check out some of the unique, artistic style of work you can do with this combination.

“I had these ideas and concepts about how I could shape the metal, but there really wasn’t a die on the market that could facilitate my ideas, so I teamed up with Mittler Brothers and created my own.”

- Jamey Jordan

Check Out: www.HandmadeSeatCo.com

With a little practice, you too can produce some unique work.

**Stencil Bead Roll Set**

The Stencil Bead Roll was designed by Jamey Jordan for use in tracing the outlines on pieces of metal art!

<table>
<thead>
<tr>
<th>Product</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stencil Bead Roll (1)</td>
<td>202-088</td>
<td>$70.00</td>
</tr>
<tr>
<td>Stencil Bead Roll Set (2)</td>
<td>202-089</td>
<td>$100.00</td>
</tr>
</tbody>
</table>

Order Toll Free 1-800-467-2464
Standard Motor Bead Roller w/ Adjustable Shaft

**Adjustable Shaft Allows For A Greater Range Of Motion**

- 24” Model - Billet Aluminum Frame
- 36” Model - Jig Welded Steel Frame
- 100+ Bead Roll Profiles (See pages 24-26)

**Lowest Adjustable Shaft Option Now Available!**

- 24” Throat Depth Industrial Variable Speed Bead Roller
  - With Upper Adjustable Shaft
  - Model 202-24 - $1,075.00
  - Model 202-24-B - $1,225.00

- 36” Throat Depth Industrial Variable Speed Bead Roller
  - With Upper Adjustable Shaft
  - Model 202-36 - $1,465.00
  - Model 202-36-B - $1,595.00

**Standard Motor Bead Rollers w/ Adjustable Shafts**

See page 20 for Standard Motor specs.

**Increased Motor Torque & Horsepower To Handle Up To 16 Ga Mild Steel**

- **Industrial Motor Bead Rollers w/ Adjustable Shaft**
  - 24” Throat Depth Industrial Variable Speed Bead Roller
    - Model 202-24NV - $1,795.00
  - 24” Throat Depth Industrial Variable Speed Bead Roller
    - Model 202-24NV-B - $1,965.00
  - 36” Throat Depth Industrial Variable Speed Bead Roller
    - Model 202-36NV - $2,075.00
  - 36” Throat Depth Industrial Variable Speed Bead Roller
    - Model 202-36NV-B - $2,195.00

#beadroller

JJ Bead Rollers work great with new LAZZE Bead Rolls See Page 26

Order Online @ MITTLERBROS.COM
Jamey Jordan Bead Roller Kit

This kit includes everything you need to get started with the “Fine Art” of bead rolling.

Jamey Jordan Signature Series Bead Roller Kit

- 24” Model 202-24NV-K $2,365.00 (Upper Adj. Shaft)
- 36” Model 202-36NV-K $2,535.00 (Upper Adj. Shaft)
- 24” Model 202-24NV-B-K $2,505.00 (Upper and Lower Adj. Shafts)
- 36” Model 202-36NV-B-K $2,645.00 (Upper and Lower Adj. Shafts)

Jamey Jordan Art Of Bead Rolling Vol. 1 DVD

MB-1000-JJ1...$25.00
Jamey shows you how to lay out and execute basic designs as well as logos with this How-To DVD.

Jamey Jordan Art Of Bead Rolling Vol. 2 DVD

MB-1000-JJ2...$30.00
Learn how to bring your metal working artistry to a whole new level in this informational DVD.

Upgrade Your Existing Bead Roller With An Adjustable Shaft

- 24” Upper Shaft Model 202-022 $210.00
- 24” Lower Shaft Model 202-022-L $265.00
- 36” Upper Shaft Model 202-061 $240.00
- 36” Lower Shaft Model 202-061-L $290.00

Jamey Jordan Signature Series Bead Roller Kit

- 24” Model 202-24NV-K $2,365.00 (Upper Adj. Shaft)
- 36” Model 202-36NV-K $2,535.00 (Upper Adj. Shaft)

24” or 36” Bead Roller Table

Model 202-200 $240.00

24” or 36” High Throat Bead Roller Table

Model 202-200-HT $295.00

Adjustable Shaft Upgrade Kit

- 24” Upper Shaft Model 202-022 $210.00
- 24” Lower Shaft Model 202-022-L $265.00
- 36” Upper Shaft Model 202-061 $240.00
- 36” Lower Shaft Model 202-061-L $290.00

Each kit includes:

- 202-24NV or 202-36NV Bead Roller
- 202-100 Art Roll Kit (4 Rolls)
- 202-105 Soft Step Set
- 202-200 Bead Roller Table
- 200-150 Rolling Stand
- MB-1000-JJ1 Instructional DVD

Rolling Stand w/ Locking Casters and Integrated Roll Holders

Model 200-150

Close Up

In Upright Position

Order Toll Free 1-800-467-2464
Jamey Jordan Signature Series Bead Rolls

For Use With Standard (1-1/8” Throat) Bead Rollers
These Rolls Work Best When Used With A Bead Roller With Adjustable Shaft

* All of the “Jamey Jordan Signature Series” rolls will fit existing Mittler Bros. Standard (1-1/8” Throat) Bead rollers.

Individual Bead Rolls

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scar Roll Set (3 Rolls)</td>
<td>202-099</td>
<td>$210.00</td>
</tr>
<tr>
<td>Art Roll (1 Roll)</td>
<td>202-101</td>
<td>$70.00</td>
</tr>
<tr>
<td>Stencil Roll (1 Roll)</td>
<td>202-088</td>
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<tr>
<td>Stencil Roll Set (2 Rolls)</td>
<td>202-089</td>
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<tr>
<td>Solid Roll (1 Roll)</td>
<td>202-102</td>
<td>$70.00</td>
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<tr>
<td>Solid Groove Roll (1 Roll)</td>
<td>202-103</td>
<td>$70.00</td>
</tr>
<tr>
<td>Universal Groove Roll (1 Roll)</td>
<td>202-104</td>
<td>$70.00</td>
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<tr>
<td>Soft Step Roll (2 Rolls)</td>
<td>202-105</td>
<td>$100.00</td>
</tr>
<tr>
<td>Radius Step Set (2 Rolls)</td>
<td>202-106</td>
<td>$100.00</td>
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<tr>
<td>45° Step Set (2 Roll)</td>
<td>202-107</td>
<td>$100.00</td>
</tr>
<tr>
<td>Soft Step Roll (1 Roll)</td>
<td>202-090</td>
<td>$70.00</td>
</tr>
<tr>
<td>Radius Step Roll (1 Roll)</td>
<td>202-091</td>
<td>$70.00</td>
</tr>
<tr>
<td>45° Step Roll (1 Roll)</td>
<td>202-092</td>
<td>$70.00</td>
</tr>
<tr>
<td>Skateboard Wheel Roll (3 Rolls)</td>
<td>202-108</td>
<td>$205.00</td>
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<tr>
<td>Stitching Set (2 Rolls)</td>
<td>202-109</td>
<td>$140.00</td>
</tr>
<tr>
<td>1/2” Radius Roll Set (2 Rolls)</td>
<td>202-100TR</td>
<td>$155.00</td>
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<tr>
<td>5/8” Radius Roll Set (2 Rolls)</td>
<td>202-125TR</td>
<td>$155.00</td>
</tr>
<tr>
<td>3/4” Radius Roll Set (2 Rolls)</td>
<td>202-150TR</td>
<td>$155.00</td>
</tr>
<tr>
<td>7/8” Radius Roll Set (2 Rolls)</td>
<td>202-175TR</td>
<td>$155.00</td>
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Jamey Jordan Signature Series
For Use With Standard (1-1/8” Throat) Bead Rollers
These Rolls Work Best When Used With A Bead Roller With Adjustable Shaft

* All of the “Jamey Jordan Signature Series” rolls will fit existing Mittler Bros. Standard (1-1/8” Throat) Bead rollers.

Scar Roll Set

Set allows you to create a classic “Scar”. The first roll combo makes the smooth line & the second roll combo makes the lines across.

- Scar Roll Set (3 Rolls) $210.00

Stitching Roll Set

Set will allow you to create a “Stitch” like effect, which will open you up to all kinds of faux upholstered sheet metal projects.

- Stitching Set (2 Rolls) $140.00

Skateboard Wheel Roll Set

3 piece

Will allow you to use the bottom die with any existing top die to create any bead profile you can imagine. Three different hardness rolls are included.

- Skateboard Wheel Roll Set (3 Rolls) $205.00

Durometer or “Hardness” of the rolls:

- Black = 60 Model 202-096-BK $70.00
- Orange = 80 Model 202-096-OR $70.00
- Blue = 90 Model 202-096-BL $70.00

3 Piece Kit Model 202-108 $205.00

Order Online @ MITTLERBROS.COM
Jamey Jordan Signature Series Bead Rolls

For Use With Standard (1-1/8” Throat) Bead Rollers
These Rolls Work Best When Used With A Bead Roller With Adjustable Shaft

* All of the "Jamey Jordan Signature Series" rolls will fit existing Mittler Bros. Standard (1-1/8” Throat) Bead rollers.

---

**Jamey Jordan Signature Series Art Roll Kit**

This 4 roll kit comes with all the rolls designed by Jamey Jordan for use in creating works of art on sheet metal using a bead roller.
Includes: 202-101, 202-102, 202-103, 202-104

**Model 202-100 $240.00**

---

**Jamey Jordan Signature Series Step Die Kit**

These dies will allow a softer, smoother finish on your step. Each roll will allow you to create its own unique bead profile.
Includes: 202-105, 202-106, 202-107

#202-101 is available in nylatron upon request (#202-101-D)

**Model 202-094 $280.00**

---

**Tube Roll Sets**

* These Rolls Work Best When Used With A Bead Roller With Adjustable Shaft

These roll sets shape sheet metal up into a radius bend to allow tubing to sit flush against it.

---

**Jamey Jordan Signature Series Art Roll Step Kit**

The ability to use the Top Nylatron Art Roll, with the lower step rolls, is to work in small extremely tight areas that do not effect the outside areas. The Top Art Roll allows the creation of highly defined steps and bead profiles.

Includes: 202-088, 202-090, 202-091, 202-092

**Model 202-095 $240.00**

---

**Steel Tube Rolls**

<table>
<thead>
<tr>
<th>Model</th>
<th>1/2&quot; Radiu</th>
<th>5/8&quot; Radius</th>
<th>3/4&quot; Radius</th>
<th>7/8&quot; Radius</th>
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</thead>
<tbody>
<tr>
<td>202-100TR-S</td>
<td>1&quot; Tube</td>
<td>1-1/4&quot; Tube</td>
<td>1-1/2&quot; Tube</td>
<td>1-3/4&quot; Tube</td>
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<tr>
<td>202-125TR-S</td>
<td>$155.00</td>
<td>$155.00</td>
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<tr>
<td>202-150TR-S</td>
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<td>202-175TR-S</td>
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**Nylatron Tube Rolls**

<table>
<thead>
<tr>
<th>Model</th>
<th>1/2&quot; Radiu</th>
<th>5/8&quot; Radius</th>
<th>3/4&quot; Radius</th>
<th>7/8&quot; Radius</th>
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</thead>
<tbody>
<tr>
<td>202-100TR</td>
<td>1&quot; Tube</td>
<td>1-1/4&quot; Tube</td>
<td>1-1/2&quot; Tube</td>
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<td>202-125TR</td>
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<td>202-175TR</td>
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Order Toll Free 1-800-467-2464
4” High Throat Standard Bead Roller w/ Adjustable Shaft

- 24” & 36” Models Available
- Rigid Steel Frame
- Large Selection of Bead Roll Profiles
- 4” High Throat for Extra Clearance
- Adjustable Depth of Bead
- Oilite Bushings for Long Life
- Variable Speed Foot Pedal Operation
- Forward / Reverse Switch
- Shaft Driven & Adjustable Up To 7/16"

24” Throat Depth 4” High Throat Bead Roller With Upper Adjustable Shaft
Model 202-24-HT $1,345.00

36” Throat Depth 4” High Throat Bead Roller With Upper Adjustable Shaft
Model 202-36-HT $1,595.00

4” High Throat Industrial Bead Roller w/ Adjustable Shaft

- 24” & 36” Models Available
- Rigid Steel Frame
- Large Selection of Bead Roll Profiles
- 4” High Throat for Extra Clearance
- Adjustable Depth of Bead
- Oilite Bushings for Long Life
- Variable Speed Foot Pedal Operation
- Forward / Reverse Switch
- Shaft Driven & Adjustable Up To 7/16"

24” Throat Depth 4” High Throat Industrial Variable Speed Bead Roller With Upper Adjustable Shaft
Model 202-24NV-HT $1,950.00

36” Throat Depth 4” High Throat Industrial Variable Speed Bead Roller With Upper Adjustable Shaft
Model 202-36NV-HT $2,165.00

Increased Motor Torque & Horsepower To Handle Up To 18 Ga Mild Steel

Upgrade Your Existing High Throat Bead Roller With An Adjustable Shaft
All the parts required to upgrade Bead Roller Models:
204-24, 204-24NV, 204-36, 204-36NV

Adjustable Shaft Upgrade Kit
24” Model 202-022-HT $240.00
36” Model 202-061-HT $260.00

Order Online @ MITTLERBROS.COM
Jamey Jordan Signature Series Bead Rolls

For Use With All High Throat (4” Throat) Bead Rollers

These Rolls Work Best When Used With A Bead Roller With an Adjustable Shaft

* All of the “Jamey Jordan Signature Series” High Throat rolls will fit existing Mittler Bros. High Throat (4” Throat) Bead rollers.

Jamey Jordan Signature Series Art Roll Kit

This 4 roll kit comes with all the rolls designed by Jamey Jordan for use in creating works of art on sheet metal using a high throat bead roller.


Model 202-100-HT $370.00

Individual Bead Rolls

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Roll (1 Roll)</td>
<td>202-101-HT</td>
<td>$100.00</td>
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<tr>
<td>Solid Roll (1 Roll)</td>
<td>202-102-HT</td>
<td>$100.00</td>
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<tr>
<td>Solid Groove Roll (1 Roll)</td>
<td>202-103-HT</td>
<td>$100.00</td>
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<tr>
<td>Universal Groove Roll (1 Roll)</td>
<td>202-104-HT</td>
<td>$100.00</td>
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</table>

Attend a Jamey Jordan Metalworking Class

Since 2016, Mittler Bros. has played host to several Metalworking Classes hosted by Jamey Jordan with great success! You will learn the tricks of the trade from the man himself!

Each class typically covers the following, spread over two days:

1: Bead Roller 101 (machine features)
2: Die 101 (Differences in dies and when best to use them)
3: Art and basic layout (layout and transfer to metal)
4: Rivet layout
5: Seat layout and design

For all related questions or to have your name put on the contact list for class announcements, please e-mail registration@mittlerbros.com!

Order Toll Free 1-800-467-2464
High Throat Variable Speed Bead Roller

- 24” & 36” Models Available
- Rigid Steel Frame
- Large Selection of Bead Roll Profiles
- 4” High Throat for Extra Clearance
- Adjustable Depth of Bead
- Oilite Bushings for Long Life
- Variable Speed Foot Pedal Operation
- Forward / Reverse Switch
- Both Shafts Driven

24” Throat Depth High Throat Variable Speed Bead Roller
Model 204-24 $1,050.00

36” Throat Depth High Throat Variable Speed Bead Roller
Model 204-36 $1,350.00

High Throat Variable Speed Bead Roller Accessories

- High Throat Bead Roller Table
  Model 202-200-HT $295.00

Industrial Variable Speed Models

- Max Capacity
  19 Ga (.040”) Mild Steel
  16 Ga (.050”) Aluminum
  24 Ga (.025”) Stainless

Bead Rolls Sold Separately (See pg. 33 & 35)

24” Throat Depth Industrial VS High Throat Bead Roller
Model 204-24NV $1,625.00

36” Throat Depth Industrial VS High Throat Bead Roller
Model 204-36NV $1,850.00

Increased Motor Torque & Horsepower To Handle Up To 18 Ga Mild Steel

High Throat Bead Roller Accessories

- Depth Stop
  (Fits High Throat Bead Roller)
  Model 204-009 $100.00

- Roll Holder
  (High Throat Bead Roller)
  Model 204-RH $79.00
High Throat Bead Roll Sets 5-1/2” OD

### Round Bead Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/8” Round</td>
<td>204-125</td>
<td>$105.00</td>
</tr>
<tr>
<td>3/16” Round</td>
<td>204-188</td>
<td>$105.00</td>
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<tr>
<td>1/4” Round</td>
<td>204-250</td>
<td>$105.00</td>
</tr>
<tr>
<td>5/16” Round</td>
<td>204-313</td>
<td>$105.00</td>
</tr>
<tr>
<td>3/8” Round</td>
<td>204-375</td>
<td>$105.00</td>
</tr>
<tr>
<td>1/2” Round</td>
<td>204-500</td>
<td>$105.00</td>
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### Edge Bead Roll Sets

<table>
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<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/8” Edge Bead</td>
<td>204-125-E</td>
<td>$105.00</td>
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<tr>
<td>3/16” Edge Bead</td>
<td>204-188-E</td>
<td>$105.00</td>
</tr>
<tr>
<td>1/4” Edge Bead</td>
<td>204-250-E</td>
<td>$105.00</td>
</tr>
<tr>
<td>5/16” Edge Bead</td>
<td>204-313-E</td>
<td>$105.00</td>
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<tr>
<td>3/8” Edge Bead</td>
<td>204-375-E</td>
<td>$105.00</td>
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<tr>
<td>1/2” Edge Bead</td>
<td>204-500-E</td>
<td>$105.00</td>
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### Step Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>.062” Step</td>
<td>204-062-S</td>
<td>$105.00</td>
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<tr>
<td>.090” Step</td>
<td>204-090-S</td>
<td>$105.00</td>
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<tr>
<td>1/8” Step</td>
<td>204-125-S</td>
<td>$105.00</td>
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<tr>
<td>3/16” Step</td>
<td>204-188-S</td>
<td>$105.00</td>
</tr>
<tr>
<td>1/4” Step</td>
<td>204-250-S</td>
<td>$105.00</td>
</tr>
<tr>
<td>45° Step</td>
<td>204-045-S</td>
<td>$105.00</td>
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### Flat Bead Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>1/8” Flat</td>
<td>204-125-F</td>
<td>$105.00</td>
</tr>
<tr>
<td>3/16” Flat</td>
<td>204-188-F</td>
<td>$105.00</td>
</tr>
<tr>
<td>1/4” Flat</td>
<td>204-250-F</td>
<td>$105.00</td>
</tr>
<tr>
<td>5/16” Flat</td>
<td>204-313-F</td>
<td>$105.00</td>
</tr>
<tr>
<td>3/8” Flat</td>
<td>204-375-F</td>
<td>$105.00</td>
</tr>
<tr>
<td>1/2” Flat</td>
<td>204-500-F</td>
<td>$105.00</td>
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### Specialty Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>Art Pattern Roll Set</td>
<td>204-102</td>
<td>$105.00</td>
</tr>
<tr>
<td>Blank Roll Set</td>
<td>204-002</td>
<td>$80.00</td>
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<tr>
<td>Body Line Roll Set</td>
<td>204-084</td>
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<tr>
<td>Full Radius Tank Roll Set</td>
<td>204-083</td>
<td>$105.00</td>
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<tr>
<td>Hem Roll Set Combo</td>
<td>204-037</td>
<td>$290.00</td>
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<tr>
<td>Hem Roll Step #1 (1/4” 90°)</td>
<td>204-059</td>
<td>$150.00</td>
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<tr>
<td>Hem Roll Step #1 (3/8” 90°)</td>
<td>204-008</td>
<td>$150.00</td>
</tr>
<tr>
<td>Hem Roll Step #2 (140°)</td>
<td>204-060</td>
<td>$120.00</td>
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<tr>
<td>Hem Roll Step #3 Flat</td>
<td>204-068</td>
<td>$100.00</td>
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<tr>
<td>Shear Roll Set</td>
<td>204-058</td>
<td>$140.00</td>
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<tr>
<td>Standard Tank Roll Set</td>
<td>204-070</td>
<td>$105.00</td>
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<tr>
<td>Spoiler Roll Set</td>
<td>204-072</td>
<td>$150.00</td>
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<tr>
<td>Tipping Roll Set</td>
<td>204-101</td>
<td>$105.00</td>
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<tr>
<td>30° Angle Roll Set</td>
<td>204-069</td>
<td>$105.00</td>
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<tr>
<td>90° 1/2” Angle Roll Set</td>
<td>204-500-B</td>
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<tr>
<td>90° 3/4” Angle Roll Set</td>
<td>204-750-B</td>
<td>$175.00</td>
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High Crown Bead Roll Sets 2-1/2” OD / 8-1/2” OD
204-24, 204-24NV, 204-36, & 204-36NV Powered Bead Rollers
High Crown Rolls allow for more throat height usage

$265.00

**High Crown Rolls**
Available with same shapes as 5-1/2” OD Bead Roll Sets
Add Letters “HC” to the End of the Part Number
Example: 1/8” Round Bead Roll 204-125-HC

Order Toll Free 1-800-467-2464
Variable Speed Rotary Machine Kit
14” Throat Variable Speed Rotary Machine Kit
Includes #200-009-R Depth Stop

- 7/8” Throat Height
- 3/8” Plate Construction
- Ideal for Production Work
- Keyed Shafts 1/8” X 1/16”
- Electric Motor With Magnetic Disc Brake
- Variable Speed, Foot Pedal Operation 0 - 24 RPM
- Needle Bearings
- Ships UPS 95 Lbs.

Max Capacity:
14 Ga (.074”) Mild Steel
Standard Bead Rolls Only

Model 200-14NV $3,360.00

10” Throat Variable Speed Rotary Machine Kit
Includes #200-009-R Depth Stop

- 1-1/8” Throat Height
- 2” x 3” x 3/16” Tube Construction
- Electric Motor With Magnetic Disc Brake
- Variable Speed, Foot Pedal Operation 0 - 24 RPM
- Keyed Shafts 1/8” x 1/16”
- Oilite Bushings
- Ships UPS 65 Lbs.

Max Capacity:
16 Ga (.059”) Mild Steel
Standard Bead Rolls Only

Consult Mittler Bros. On Stainless Steel Applications

Model 200-10NV $2,625.00

Accessories
Floor Stands
- Bolt Together Design For Easy Shipping
- Industrial Coated Finish
- Fits Rotary Machines
- Integrated Roll Holders

H- Frame w/ Integrated Roll Holders
Model 200-031 $135.00

Rolling Stand w/ Locking Caster
Model 200-150 $185.00

Depth Stop
Model 200-009-R $135.00

Roll Holder
Model 200-RH $79.00

Consult Mittler Bros. On Stainless Steel Applications
### Rotary Machine Roll Sets

#### Specialty Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combo 2” Crimp &amp; 5/16” Bead</td>
<td>201-081-K</td>
<td>$210.00</td>
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<tr>
<td>Combo (2 roll set)</td>
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<tr>
<td>2” Crimp Roll Set</td>
<td>201-003-K</td>
<td>$190.00</td>
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<tr>
<td>Duct Work “V” Groove Roll Set</td>
<td>201-079-K</td>
<td>$115.00</td>
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<tr>
<td>Elbow Edge Roll Set</td>
<td>201-064-K</td>
<td>$115.00</td>
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<tr>
<td>Fire Damper Roll Set</td>
<td>201-055-K</td>
<td>$150.00</td>
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<tr>
<td>Hem Roll Step #1 (1/4” 90°)</td>
<td>201-059-SK</td>
<td>$115.00</td>
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<tr>
<td>Hem Roll Step #1 (3/8” 90°)</td>
<td>201-008-K</td>
<td>$115.00</td>
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<tr>
<td>Hem Roll Step #2 (140°)</td>
<td>201-060-SK</td>
<td>$115.00</td>
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<tr>
<td>Hem Roll Step #3 Flat</td>
<td>201-068-K</td>
<td>$80.00</td>
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<td>Hem Roll Set Combo</td>
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<tr>
<td>Gore Edge Roll Set</td>
<td>201-054-K</td>
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<td>Offset Swedge Roll Set</td>
<td>201-078-K</td>
<td>$115.00</td>
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<tr>
<td>Ogee Roll Set</td>
<td>201-074-K</td>
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<td>201-053-K</td>
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#### Flange Roll Sets

<table>
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<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/4” Flange Roll Set</td>
<td>201-057-K</td>
<td>$115.00</td>
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<tr>
<td>3/8” Flange Roll Set</td>
<td>201-058-K</td>
<td>$115.00</td>
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#### Edge Bead Roll Sets

<table>
<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/8” Edge Bead Roll Set</td>
<td>201-125-EK</td>
<td>$115.00</td>
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<tr>
<td>3/16” Edge Bead Roll Set</td>
<td>201-188-EK</td>
<td>$115.00</td>
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<tr>
<td>1/4” Edge Bead Roll Set</td>
<td>201-250-EK</td>
<td>$115.00</td>
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<tr>
<td>5/16” Edge Bead Roll Set</td>
<td>201-313-EK</td>
<td>$115.00</td>
</tr>
<tr>
<td>3/8” Edge Bead Roll Set</td>
<td>201-375-EK</td>
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<tr>
<td>1/2” Edge Bead Roll Set</td>
<td>201-500-EK</td>
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#### Round Bead Roll Sets

<table>
<thead>
<tr>
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<th>Price</th>
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<tbody>
<tr>
<td>1/8” Round Bead Roll Set</td>
<td>201-125-K</td>
<td>$115.00</td>
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<tr>
<td>3/16” Round Bead Roll Set</td>
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<tr>
<td>1/4” Round Bead Roll Set</td>
<td>201-250-K</td>
<td>$115.00</td>
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<tr>
<td>5/16” Round Bead Roll Set</td>
<td>201-313-K</td>
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<td>3/8” Round Bead Roll Set</td>
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<tr>
<td>1/2” Round Bead Roll Set</td>
<td>201-500-K</td>
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<tr>
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#### Flat Bead Roll Sets

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<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1/8” Flat Bead Roll Set</td>
<td>201-125-FK</td>
<td>$115.00</td>
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<tr>
<td>3/16” Flat Bead Roll Set</td>
<td>201-188-FK</td>
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<tr>
<td>1/4” Flat Bead Roll Set</td>
<td>201-250-FK</td>
<td>$115.00</td>
</tr>
<tr>
<td>5/16” Flat Bead Roll Set</td>
<td>201-313-FK</td>
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<tr>
<td>3/8” Flat Bead Roll Set</td>
<td>201-375-FK</td>
<td>$115.00</td>
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<tr>
<td>1/2” Flat Bead Roll Set</td>
<td>201-500-FK</td>
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#### Step Roll Sets

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<td>1/8” Step Roll Set</td>
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<td>45° Step Roll Set</td>
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Roll Sets for Rotary Machines Use a 1/8” keyway
-K Stands For Keyed

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<tbody>
<tr>
<td>Combo Crimp &amp; Bead</td>
<td>201-081-K</td>
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<td>2” Crimp Roll Set</td>
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<td>Elbow Edge Set</td>
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<td>Fire Damper Set</td>
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<td>Gore Edge Set</td>
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<td>Shear Roll Set</td>
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<td>Step 1</td>
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<td>Step 2</td>
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<tr>
<td>Round Bead Roll</td>
<td>201-125-K</td>
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Order Toll Free 1-800-467-2464
Hydraulic Bench Presses

5 Ton Hydraulic Bench Press

Model 2200-H $835.00

Includes Slug Ejector, Spring Loaded Centering Pin, Tool Mount Adapter & Arbor Nut Wrench

• Rugged 3/8" Plate Construction
• Comes completely setup to punch 9/32 hole
• Built in guide for 1/16 x 1" wide material
• Heat treated punch & die for long life
• Other sizes of Punch & Dies available
• Includes Arbor Nut Wrench
• Available as 10 Ton Press Only W/O Tooling

10 Ton Hydraulic Bench Press Only Model 2200-HS $835.00

10 Ton Spring Steel Hydraulic Bench Press

Model 2200-HSK $1,040.00

10 Ton Hydraulic Heavy Duty Bench Press

Model 2210-H $3,145.00

Includes Slug Ejector, Spring Loaded Centering Pin, Tool Mount Adapter & Arbor Nut Wrench

• Rugged 3/8" Plate Construction
• Comes completely setup to punch 9/32 hole
• Built in guide for 1/16 x 1" wide material
• Heat treated punch & die for long life
• Other sizes of Punch & Dies available
• Includes Arbor Nut Wrench
• Available as 10 Ton Press Only W/O Tooling

10 Ton Hydraulic HD Bench Press Stand

Model 2210-100 $450

• 3" Maximum clearance between tooling
• Ideal for production work

Max Tooling Capacity
3" Punch & Flare
16 Ga Mild Steel

Max Tooling Capacity
3" Punch & Flare
14 Ga Mild Steel

Hydraulic Pumps Sold Separately

3 / 5 Ton Press
Optional Floor Stand with Locking Casters
Model 3100-100 $265.00

Accepts All Bench Press & Louver Press Tooling (pp. 40-41)
Most Tooling mounts for front to back use or rotate 90° for side to side use

10 Ton Spring Steel Hydraulic Bench Press

Model 2200-HSK

10 Ton Hydraulic Heavy Duty Bench Press

Model 2210-H

Order Online @ MITTLERBROS.COM
Manual Bench Presses

3 Ton Manual Bench Press
Model 2200-M $695.00

- Rugged 5/16” Welded Plate
- Dual Usage as Standard Press or Arbor Press
- 1” Clearance Between Mounted Tooling
- Mount Tooling for Front to Back Use or Rotate 90° for side to side use
- Includes Slug Ejector, Spring Loaded Centering Pin & Arbor Nut Wrench

Dual Manual Bench Press - 3 Ton
Model 2240-2M... $1,375.00

- Same Great Features As All Our Manual Bench Presses
- Two 12” Deep Throats
- Mount 2 Types Of Tooling Simultaneously
- Ideal For Production Use
- Can be added to any 2200 Series existing press
- Allows 10° Indexing
- Allows fast positioning of handle
- No Tool Adjustment

Quad Manual Bench Press - 3 Ton
Model 2240-4M... $2,095.00

- Rugged 5/16” Welded Plate Construction
- Two 12” Deep and 3” Deep Throats
- Mount 4 Types Of Tooling Simultaneously
- Ideal For Production Use
- Can be added to any 2200 Series existing press
- Allows 10° Indexing
- Allows fast positioning of handle
- No Tool Adjustment

Small Manual Bench Press
Model 2240-1M... $475.00

The Small Bench Press is perfect for those with limited space in their garages or shops. Same great tooling options as all of our presses!

- Rugged 5/16” Welded Plate Construction
- 3” Deep Throat
- Ideal For Production Use
- Can Be Mounted On Either Side Of Model #2240-2M Dual Manual Bench Press
- Can Be Mounted On Any Stable Surface Using The Included Hole Drill Template

Quick Index Press Handle Kit
Model 2200-IH... $160.00

Order Toll Free 1-800-467-2464
Bench Press Accessories
Fits Our Bench Presses & Louver Press Kits
Most Tooling mounts for front to back use or rotate 90° for side to side use

<table>
<thead>
<tr>
<th>Bench Press Louver Punch Start-Up Kits</th>
</tr>
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<tbody>
<tr>
<td>Size</td>
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<table>
<thead>
<tr>
<th>Individual Louver Punch Dies</th>
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<td>5&quot;</td>
</tr>
<tr>
<td>3&quot; Dome</td>
</tr>
<tr>
<td>4&quot; Dome</td>
</tr>
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</table>

Bench Press Louver Punch / Die
Max Capacity: 16 Ga (.059") Mild Steel

Order a Bench Press Louver Punch Start Up Kit, with the size of punch you want, from the top list.

After that you will have to specify the Individual Louver Punch Die Sets from the bottom list.

Corner Radius Punch
Punch four different radius corners to give your part that nice finished look. Two ranges of radii available. Create uniform rounded corners.

<table>
<thead>
<tr>
<th>Size/Range</th>
<th>Part #</th>
<th>Price</th>
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<td>1/4&quot;, 1/2&quot;, 3/4&quot;, 1&quot;</td>
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<tr>
<td>1&quot;, 1-1/4&quot;, 1-1/2&quot; &amp; 2&quot;</td>
<td>2200-020-A</td>
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<td>2-1/4&quot; (Single Punch)</td>
<td>2200-020-2250</td>
<td>$405.00</td>
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<tr>
<td>3&quot; (Single Punch)</td>
<td>2200-020-3000</td>
<td>$440.00</td>
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</table>

Max Capacity: 8 Ga (.125") Soft Alum. & 16 Ga (.059") Mild Steel

Dzus® Punch
Dzus® Punch makes perfect #5 (1" spacing) and #6 (1-3/8" spacing) Dzus button and spring holes in one operation.

Includes:
#5 (1" Spacing)
#6 (1-3/8" Spacing)

Model 2200-DZ-5/6...$310.00

Max Capacity: 19 Ga (.040") Mild Steel
18 Ga (.040") Aluminum

Shear
Great for cutting sheet metal up to 19 Ga mild steel.
Cut your blanks for the corner punch & 90° brake shown below. Up to 6" Width.

Model 2200-SA.........$230.00

Max Capacity: 19 Ga (.040") Mild Steel

Corner Punch
Great for making those little boxes and trays. Creates 1/8" x 1/8" to 1-1/2" x 1-1/2" cut out.

Model 2200-CPA...$310.00

Max Capacity: 16 Ga (.059") Mild Steel

90° Degree Brake
Finish up those boxes & trays with this handy brake. Up to 4-1/2" Width
Includes Ram Adapter

Model 2200-90DA......$205.00

Max Capacity: 11 Ga (.120") Mild Steel

Order Online @ MITTLERBROS.COM
Bench Press Accessories
Fits Our Bench Presses & Louver Press Kits
Most Tooling mounts for front to back use or rotate 90° for side to side use

Shrinker / Stretcher Deep Throat
With a deep throat depth, it makes forming compound panels quick and easy. Shrinker and stretcher jaws swap out in seconds. Extra throat clearance when shrinking or stretching panels. Mounts in Bench Press (Models #2200-M, #2240, #2200-H, #2210-H) & Louver Press Kit

Shrinker / Stretcher Deep Throat Set with Adapter
Model 550-100.... $335.00
Shrinker Deep Throat Set with Adapter
Model 550-101.... $220.00
Stretcher Deep Throat Set with Adapter
Model 550-102.... $220.00

Press Brake Mounting Adapter Kit
Allows the mounting of all Mittler Bros. Press Tooling into most manufacturers press brake.
Model 2200-096A...... $160.00
Includes:
QTY: 1 #2200-96 Lower Mount Adapter
QTY: 1 #2200-97 Upper Mount Adapter

Punch & Die Mounting Kit
Includes Coupling Nut and Die Holder
Model 2200-040.... $165.00
Max Capacity
16 Ga (.059") Mild Steel
12 Ga (.080") Aluminum

Finish Washer Die
Form a washer into the metal!
#10 #2200-FWD-010 - $95.00
1/4" #2200-FWD-250 - $95.00

Quick Change Tooling for Punch & Flares
Eliminate the hassle of changing out Punch & Flare or Punch & Bead tooling with one simple setup!
One Knurl Washer Required Per Piece of Tooling
#2200-QC1 Lower Bolt Adapter & Bolts for Quick Change Tooling - $38.00
#2200-QC2 Knurl Washer & Bolts for Quick Change Tooling - $14.00

Punch & Die Sets
Round, Oblong, Square and Hex Punch and Die Sets
Each Set Contains One Individual Size
#2200-515 Round Punch / Die Set - $105.00 per size - 5/32” up to 1-1/16” (w/Urethane Stripper)
#2200-516 Oblong Punch / Die Set - $280.00 per size - 3/16” x 3/4” up to 13/16” x 1” (w/Urethane Stripper)
#2200-517 Square Punch / Die Set - $280.00 per size - 1/4” x 1/4” up to 13/16” x 13/16” (w Stripper)
#2200-518 Hex Punch / Die Set - $280.00 per size - 11/32” up to 27/32” (w/Urethane Stripper)
Individual Punch & Die Set Complete As Shown

Finish Washer Die
Form a washer into the metal!
#10 #2200-FWD-010 - $95.00
1/4” #2200-FWD-250 - $95.00

Required Ordering
Punch & Die Sets Provide:
Material Type & Material Thickness to Determine Die Clearance
#2200-515 Round Punch / Die Set - $105.00 per size - 5/32” up to 1-1/16” (w/Urethane Stripper)
#2200-516 Oblong Punch / Die Set - $280.00 per size - 3/16” x 3/4” up to 13/16” x 1” (w/Urethane Stripper)
#2200-517 Square Punch / Die Set - $280.00 per size - 1/4” x 1/4” up to 13/16” x 13/16” (w Stripper)
#2200-518 Hex Punch / Die Set - $280.00 per size - 11/32” up to 27/32” (w/Urethane Stripper)

10 Ton Hydraulic Press Required
5 Ton Hydraulic Press Required
10 Ton Hydraulic Press Required
5 Ton Hydraulic Press Required

Order Toll Free 1-800-467-2464
Automotive Punch & Flare Tools

<table>
<thead>
<tr>
<th>Size</th>
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<th>Price</th>
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<td>3&quot;</td>
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Punch & Flare Kit 1" thru 2-1/2"
Model 1300-402...$720.00
Punch & Flare Set 1" thru 3"
Model 1300-403...$860.00

Punch & Bead Kit 1" thru 2-1/2"
Model 1300-402-B
Punch & Bead Kit 1" thru 3"
Model 1300-403-B

Max Thickness:
- Aluminum 14 Ga (.064")
- Mild Steel 16 Ga (.059")
- Stainless Steel 19 Ga (.043")

Just drill a pilot hole for the draw bolt, then apply the tool and tighten the bolt for a smooth, flared or beaded hole in one easy step. Punch hole only by removing female flare ring and use punch and die. Easily mounts in our Bench Presses.

Gauge Hole Punches

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Aircraft Punch & Flare Tools

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Instrument Hole Punches

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<tr>
<td>9pc</td>
<td>1300-0413</td>
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</table>

Capacity: Mild Steel 16 Ga
Punch & Flare / Punch & Bead Cases

- Store your Punch/Flare Tools Safely
- Case Includes Laser Cut Foam
- Keeps Tooling Organized

1" - 3" Punch & Flare/Bead Case
Model 1300-451 $36.00

1/2" - 2-1/2" Flare Tool Case
Model 1300-450 $36.00

Dimple Dies

- Adds Strength
- 1/4" Radius
- Enhanced Appearance

Dimple Dies

<table>
<thead>
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<td>3&quot;</td>
<td>1310-309</td>
<td>$235.00</td>
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</table>

Max Capacity: 0.125” Mild Steel
4130 Chrome Moly

Flare Tools

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

- Adds Strength
- Enhanced Appearance

Flare Tool Case (1/2" thru 2-1/2")
Model 1300-401 $370.00

Automotive Flare Sets

<table>
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<th>Part #</th>
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Max Capacity: 0.063” Mild Steel

Forming Dies

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<table>
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<th>Triangle Forming Die Sets</th>
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<td>2&quot;</td>
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<tr>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>Set</td>
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</table>

Order Toll Free 1-800-467-2464
### Triangle Punch & Flares

For Use In Press to Punch Smooth, Flared Triangle Holes in Sheet Metal Panels

- Heat Treated Tool Steel For Long Life
- Drill Template Included

**Material Thickness Capacity:**
- Aluminum .060”
- Mild Steel .060”
- Stainless Steel .040”

<table>
<thead>
<tr>
<th>Size</th>
<th>Model Number</th>
<th>Price</th>
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<tr>
<td>1-1/2”</td>
<td>Model 1320-010</td>
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<tr>
<td>2”</td>
<td>Model 1320-020</td>
<td>$500.00</td>
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<td>2-1/2”</td>
<td>Model 1320-030</td>
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<tr>
<td>*3 Punch Kit</td>
<td>Model 1320-100</td>
<td>$1,465.00</td>
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</tbody>
</table>

*Kit Includes 3 Punches and 1 Universal Press Block

### Oval Punch & Flares

For Use In Press to Punch Smooth, Flared Oval Holes in Sheet Metal Panels

- Heat Treated Tool Steel For Long Life
- Drill Template Included
- Requires Universal Press Block, sold separately

**Material Thickness Capacity:**
- Aluminum .060”
- Mild Steel .060”
- Stainless Steel .040”

<table>
<thead>
<tr>
<th>Size</th>
<th>Model Number</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>1-1/4”</td>
<td>Model 1330-010</td>
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<tr>
<td>2”</td>
<td>Model 1330-020</td>
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</tr>
<tr>
<td>2-1/2”</td>
<td>Model 1330-030</td>
<td>$520.00</td>
</tr>
<tr>
<td>*3 Punch Kit</td>
<td>Model 1330-100</td>
<td>$1,465.00</td>
</tr>
</tbody>
</table>

*Kit Includes 3 Punches and 1 Universal Press Block

### Universal Press Block

**Model 1330-001** $75.00

- Fits All Sizes
- Only One Needed

---

Order Online @ MITTLERBROS.COM
Louver Press Kit

Each kit includes:
- 10-Ton Hydraulic Ram
- Die Mounting Plate
- Precision Slide Assembly
- Blueprints, Bill of Material and Instructions for building a 48" Throat Louver Press Frame.

Maximum Tooling Capacity
3" Punch & Flare
14 Ga Mild Steel

Frame To Be Built By Customer

Hydraulic Pump Sold Separately

Standard

Dome

3/16"
1/2" Min.

3/16"
1/2"

13/16"
1" 2" 3"
4" or 5"

13/16"
1-1/4"
Min.

1-1/4"

90 PSI Compressed Air
Air Hydraulic Pump, 6' Hose & Fitting
Model 900-504-6 $675.00
6' Hose - Model 900-504 $600.00
10' Hose - Model 900-505-10 $130.00
20' Hose - Model 900-505-20 $155.00

115v. 1Ph 60Hz with 10' Operator Cord
Electric Hydraulic Pump, 6' Hose & Fitting
Model 900-508-6 $1,675.00
6' Hose - Model 900-508 $1,600.00
10' Hose - Model 900-505-10 $130.00
20' Hose - Model 900-505-20 $155.00

Accessories

Accepts Our Bench Press & Louver Press Tooling (pp. 40-41)
Most Tooling mounts for front to back use or rotate 90° for side to side use

Order Toll Free 1-800-467-2464
Bead Roller Layout Templates

• Saves Time and Material
• 1/8” Aluminum for Long Life
• Laser Engraved

Arc Layout Template 202-415 $100.00
2” to 6” Radius

Straight Layout Template 202-410 $100.00
.5” to 4.75” Spacing

Hole Layout Template 202-405 $100.00
.875” to 2.25 Diameter

3 Piece Template Set 202-450 $265.00
Includes Arc, Straight and Hole Layout Tools

4 Piece Template Set 202-460 $340.00
Includes Arc, Straight, Hole and Rivet Layout Tools

Rivet / Bead Roll Layout Tool

• Allows for Many Different Spacing Options
Along Curved & Oddly Shaped Edges
• Retractable Design

Rivet / Layout Tool 202-400 $80.00
Planishing Hammers

12" Planishing Hammer

12" Planishing Hammer with 9 Radius Steel Anvils Model 2700 $895.00
24" Planishing Hammer with 9 Radius Steel Anvils Model 2700-24 $1,050.00

Speed up fabrication time on complex multi form aluminum and steel panels for creating those impossible to find replacement parts.

- 4600 Hits Per Minute @ 90 PSI
- Adjuster Sets Load Force and Makes Anvil Changes Easy
- 12" & 24" Throat Depth Available
- Billet aluminum hammer mounting block eliminates all slippage
- Foot Pedal Control for Hands Free Operation

Planishing Hammer Anvil Holder
Mounts to 3100-100 table and holds full set of of Anvils
Model 2700-AR $47.00

180° Bend Produced Using NEW Stretcher Die # 2700-024

Optional Floor Stand w/ Locking Casters
Model 3100-100 $265.00

Capacity
18 Ga (.048") Mild Steel
13 Ga (.062") Soft Aluminum (1100/3003)

Planishing Hammer Anvils

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>3/4” Radius</td>
<td>2700-010</td>
<td>$53.00</td>
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<td>2700-011</td>
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<td>2” Radius</td>
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<td>6” Radius</td>
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<td>Flat</td>
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<td>$53.00</td>
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<tr>
<td>Complete 9 Pc. Set</td>
<td>2700-100</td>
<td>$395.00</td>
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<tr>
<td>Upper Anvil Head</td>
<td>2700-516</td>
<td>$53.00</td>
</tr>
<tr>
<td>Stretcher Die</td>
<td>2700-024</td>
<td>$100.00</td>
</tr>
</tbody>
</table>
Power Hammer

New Stronger Arm Design Allows User to Fill Arms with Sand or Shot For Increased Vibration Dampening

Shaping, Shrinking & Stretching, and Soft Dies allow you to create compound shapes quickly & easily. The upper hammer stroke is adjustable to help produce the general shape and complete the finish work as well. A leather strap & leaf spring support the upper die assembly, which provides a cushioned blow that closely simulates shaping metal with a bossing mallet and shot bag. This allows a more controlled movement of the metal, unlike other methods which use metal to metal dies.

Power Hammer Dies
Machined from High Quality Steel for Long Life

* Double Headed Power Hammer
Model 4200-100-150 $16,675.00

* Single Head Variable Speed Power Hammer
Model 4200-150-VS $9,895.00
One Variable Speed Power Hammer Assembly Mounted on Fabricated Upper & Lower Arm Weldments, Assembled & Mounted on Pedestal, Adjustments & Calibrations Properly Set, Factory Tested, Includes 1 Upper Flat Die & 1 Lower Radius Die

*Call for a Truckline Shipping Quote

Power Hammer Dies

<table>
<thead>
<tr>
<th>Die Type (Location)</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>A Flat (Top)</td>
<td>4200-602-F</td>
<td>$210</td>
</tr>
<tr>
<td>B 4&quot; Radius (Bottom)</td>
<td>4200-602-4</td>
<td>$210</td>
</tr>
<tr>
<td>C 6&quot; Radius (Bottom)</td>
<td>4200-602-6</td>
<td>$210</td>
</tr>
<tr>
<td>D 12&quot; Radius (Bottom)</td>
<td>4200-602-12</td>
<td>$210</td>
</tr>
<tr>
<td>E 24&quot; Radius (Bottom)</td>
<td>4200-602-24</td>
<td>$210</td>
</tr>
<tr>
<td>F Stretching Set (2 Pieces)</td>
<td>4200-600-ST</td>
<td>$910</td>
</tr>
<tr>
<td>G Shrinking Set (2 Pieces)</td>
<td>4200-605-SH</td>
<td>$910</td>
</tr>
<tr>
<td>H Soft Set (2 Pieces)</td>
<td>4200-603-SD</td>
<td>$300</td>
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<tr>
<td>Complete Die Set (All Dies Listed Above)</td>
<td>4200-600</td>
<td>$3,160*</td>
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<tr>
<td>Blank Die</td>
<td>4200-601</td>
<td>$120</td>
</tr>
</tbody>
</table>

$2,475 if Purchased with Single Head Power Hammer Model #4200-150

Order Online @ MITTLERBROS.COM
Power Hammer

Power Hammer - Single Head Kit
Model 4200-200-VS $3,695.00
Includes Ram, Anvil, Flywheel, Spring & Belting, 1 HP Motor, 3" Motor Pulley, 6" Motor Pulley, Rod End Bearings (2), Clutch Return Spring, Clutch Idler Pulley w/ Bolt & Spacer, Pillow Block Bearing (2), All Belts & Hardware, 1 Upper Flat Die & 1 Lower Radius Die, (Customer must provide Upper & Lower Arm Weldments, and Pedestal) Choose Radius Die 4,6,12,24

Fabricated Arms
Model 4200-300 $2,995.00
Upper & Lower Arm Weldment designed to support Power Hammer Kit - Price Includes Mounting of Power Hammer Kit on Arms, Adjustments & Calibrations Properly Set, Factory Tested (Power Hammer Kit Not Included in Price)

* Power Hammer Pedestal
Model 4200-400 $3,150.00
12" x 12" - 84" High Quad-Tube mounted on a 4"x4"x1" Thick Base Plate. Pedestal is pre drilled with Support Arm Mount Holes. (Power Hammer Kit & Arms Not Included in Price)

Upper & Lower Arm Weldment & Pedestal Drawings
Model 4200-410 $220.00 (Drawings Only)
Drawings Included with any of the Power Hammer Kits

Ultimate Fabrication Station

Using a Power Hammer pedestal as a base, Mittler Bros. can attach a variety of equipment to each side, creating the Ultimate Fabrication Station! Louver Press, Bead Roller, English Wheel...the choice is yours! Contact us for a quote!

Order Toll Free 1-800-467-2464
48" Ultimate Box & Pan Brake

- Bending Length: 48" w/ 49" of Clearance
- 3-1/2" Depth of Box Max.
- 1-1/2" Lift of Beam Max.
- 125° Degree of Bend Max.
- 2" Down leg Max.
- Front to Rear Adjustment: 1"
- 1/4" Reverse Bend Min. (with 1/4" Apron Fingers)
- Radius Finger Kits Available
- Wrenchless Upper Adjustment

48" 16 Ga Box & Pan Brake with Straight Pinch Fingers Model 2800-48-16 $3,750.00
(Floor Stand Optional, see page 52)

48" 16 Ga Box & Pan Brake w/ Upper Radius Fingers Model 2800-48-16-R $4,050.00
(Substituting Straight Pinch Fingers For Radius Fingers of your choice)
(Floor Stand Optional, see page 52)

72" 18 Ga Box & Pan Brake Model 2800-72-18 $6,650.00
(Includes Floor Stand)

- Bending Length: 72" w/ 73" of Clearance
- Counterweight at each end of Apron

Max Capacity for 48"
16 Ga (.062") Mild Steel
20 Ga (.0375") Stainless
12 Ga (.080") Aluminum

Max Capacity for 72"
18 Ga (.050") Mild Steel
22 Ga (.031") Stainless
14 Ga (.064") Aluminum

Ships Truck Freight
48" @ 680 lbs. w/ stand
48" @ 550 lbs. w/o stand
72" @ 1275 lbs. w/ stand
Skid Size: 72'L x 35"W x 45"H

Order Online @ MITTLERBROS.COM
24” Ultimate Box & Pan Brake

24” Straight Brake
1/8” Mild Steel Capacity

24” Box & Pan Brake
Same Great Features of 48” Box & Pan in a
Smaller Package

24” of Workable Space!

24” 16 Ga Box & Pan Brake w/ Straight Pinch Fingers Model 2800-24-16 $2,450.00
24” 16 Ga Box & Pan Brake w/ Radius Fingers Model 2800-24-16-R $2,595.00
24” 1/8” Straight Brake Model 2800-24125S $2,465.00
(Floor Stand Optional, see page 52)

Order Toll Free 1-800-467-2464
### Box & Pan Accessories

**Back Gauge kit**
- Heavy Duty Floor Stand For 48” Box & Pan Brake Model 2800-400 $295.00
- Heavy Duty Floor Stand for 24” Box & Pan or Straight Brake Model 2800-420 $250.00

**Apron Stop**
- Model 2800-A360 $105.00

**Back Gauge Kit**
- Model 2800-A350-K $105.00 (Pair)

**Full Length Radius Bar For 48”**
- Model 2800-A300-48 $315.00

**Full Length Radius Bar for 72”**
- Model 2800-A300-72 $370.00

**Casters (2 Swivel, 2 Fixed) With Mount Bars & Hardware**
- Model 2800-A420 $105.00

**Heavy Duty Stand**
- Sets Working Height to 38”

**Digital Angle Gauge w/ Level**
- See P. 14 for more info

Order Online @ MITTLERBROS.COM

---

### Radius Fingers

Radius Fingers easily exchange for standard Upper Pinch Fingers to create radius bends for making and repairing aircraft, automotive, motorcycle panels, and general sheet metal fabrication.

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16”</td>
<td>(12”)</td>
<td>2800-A255-K12</td>
<td>$290</td>
</tr>
<tr>
<td>1/8”</td>
<td>(12”)</td>
<td>2800-A260-K12</td>
<td>$290</td>
</tr>
<tr>
<td>3/16”</td>
<td>(12”)</td>
<td>2800-A270-K12</td>
<td>$290</td>
</tr>
<tr>
<td>1/4”</td>
<td>(12”)</td>
<td>2800-A280-K12</td>
<td>$290</td>
</tr>
<tr>
<td>5/16”</td>
<td>(12”)</td>
<td>2800-A290-K12</td>
<td>$290</td>
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</table>

### Upper Radius Finger Kits

12”, 24”, 36”, 48”, 60”, or 72” Available

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Part #</th>
<th>Price</th>
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</thead>
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<td>(24”)</td>
<td>2800-A255-K24</td>
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<td>1/8”</td>
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<td>$510</td>
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<td>3/16”</td>
<td>(24”)</td>
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<td>$510</td>
</tr>
<tr>
<td>1/4”</td>
<td>(24”)</td>
<td>2800-A280-K24</td>
<td>$510</td>
</tr>
<tr>
<td>5/16”</td>
<td>(24”)</td>
<td>2800-A290-K24</td>
<td>$510</td>
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### Reverse Apron Fingers

Reverse Apron Fingers are easily exchanged for the standard Apron 3” Wide Angle Fingers to allow extremely tight ¼” or ½” reverse bends for creating air boxes, instrument panels, interior panels, etc.

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4” Thick</td>
<td>(12”)</td>
<td>2800-A151-K12</td>
<td>$240</td>
</tr>
<tr>
<td>1/2” Thick</td>
<td>(12”)</td>
<td>2800-A150-K12</td>
<td>$240</td>
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</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4” Thick</td>
<td>(24”)</td>
<td>2800-A151-K24</td>
<td>$360</td>
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<tr>
<td>1/2” Thick</td>
<td>(24”)</td>
<td>2800-A150-K24</td>
<td>$360</td>
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</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4” Thick</td>
<td>(48”)</td>
<td>2800-A151-K48</td>
<td>$590</td>
</tr>
<tr>
<td>1/2” Thick</td>
<td>(48”)</td>
<td>2800-A150-K48</td>
<td>$590</td>
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</tbody>
</table>

### Pinch Fingers

Pinch Fingers easily exchange for Upper Radius Fingers to create sharp bends.

**Upper Pinch Finger Kits**

12”, 24”, 36”, 48”, 60”, or 72” Available

- Length | Part # | Price |
- (12”) | 2800-A250-K12 | $205  |
- (24”) | 2800-A250-K24 | $360  |
- (48”) | 2800-A250-K48 | $590  |

**24” Solid Pinch Finger**
- Model 2800-A250-24 $325.00

**Reverse Apron Finger Kits**

12”, 24”, 36”, 48”, 60”, or 72” Available

### Reverse Inside Door Flange

See our website or call for additional kit information and pricing

### Radius Fingers

Simple 90° Radius Bend
- (requires optional radius fingers)

See our website or call for additional kit information and pricing

See P. 14 for more info

---

Order Online @ MITTLERBROS.COM
Sheet Metal Brakes

16 Gauge Straight Brake

Heavy Duty Construction

• 1-1/2" Lift of Beam Max
• 125° Degree of Bend Max
• 1/2" Reverse Bend Min
• Wrenchless 1" Set Back Adjustment
• Precision Machined Cam
• Bronze Bearing with Steel Pivot Pin
• 2 Counter Weights Included
• Legs Included on 72" & 96" and 120"

Max Capacity
16 Ga (.059) Mild Steel
12 Ga (.080) Aluminum
20 Ga (.038) Stainless

48" 16 Gauge Bench Top Straight Brake  Model 2800-4816S  $1,595.00
Heavy Duty Floor Stand For 48" Sheet Metal Brake  Model 2800-400  $295.00
72" 16 Gauge Straight Brake  Model 2800-7216S  $3,295.00
96" 16 Gauge Straight Brake  Model 2800-9616S  $4,975.00
120" 16 Gauge Straight Brake  Model 2800-12016S  $6,595.00

Mittler Bros. 16 Gauge models are designed for race car body and general shop fabrication. This design is not only economical, but also includes some of the same quality features of our Ultimate Box & Pan Brake. The Mittler Brothers 16 Gauge brake is built to last.

22 Gauge Straight Brake

Ideal For .040 Aluminum Body Fabrication

The MB 22 Gauge Brake is designed for race car body fabrication. This design is not only economical, but also includes some of the same quality features of our Ultimate Box & Pan Brake. The 72" & 96" Brakes include legs. The 96" includes 1/2" Upper Radius Bar. The Upper Radius Bar is optional on the 72". (mounting holes are pre drilled in 72" brake)

#sheetmetalbrake

72" 22 Gauge Straight Brake  Model 2800-7222S  $1,250.00
72" Radius Bar (Optional)  Model 2800-A310-72  $160.00
96" 22 Gauge Straight Brake  Model 2800-9622S  $2,095.00

Max Capacity:
22 Ga (.030") Mild Steel
18 Ga (.040") Aluminum

Order Toll Free 1-800-467-2464
**48” Econo Radius Brake**
Many Features of a Full Size Brake at a Fraction of the Price

- 1”, 2”, & 3” Diameter Tubes Included
- Mounts On Your Existing Bench Or Table
- Material Hold Down Clamp
- Degree Wheel for Accurate, Repeatable Bends
- Adjustable Bottom Roll

**Standard Equipment**
- 16 Ga capacity (18 Ga on 8’) in mild steel
- Quick tooling change over
- Convenient radius roll storage on machine
- 1”, 2”, 2-1/2”, 3” & 4” diameter tubes included with 6’ and 8’ machines.
- 1”, 2”, 3”, 4”, 5” & 6-5/8” diameter tubes included with 4’ machine
- Note: Tube sizes do not necessarily refer to finished part radius. Material type and thickness will affect the true finished radius.

**48” Econo Radius Brake**
Model 2800-4822RB $1,575.00
(6 Radius Tubes & 1 Radius Head) (Ship Weight-750 lbs.)

**4’ Radius Brake**
Model 2800-4816RB $3,625.00
(6 Radius Tubes & 1 Radius Head) (Ship Weight-750 lbs.)

**6’ Radius Brake**
Model 2800-7216RB $3,950.00
(5 Radius Tubes & 1 Radius Head) (Ship Weight-840 lbs.)

**8’ Radius Brake**
Model 2800-9618RB $4,725.00
(5 Radius Tubes & 1 Radius Head) (Ship Weight-1090 lbs.)

**Optional Back Gauge**
Model 2800-RB-BG $210.00

Order Online @ MITTLERBROS.COM
Foot Shears
Ideal for the Body Fabricator

- Precision Machined Steel Table
- Available in 72” Cut w/ 72” Table or 52” Cut w/ 52” Table
- Reversible Blades for Extended Life
- Adjustable Blade Clearance For Maximum Versatility
- Engraved Scale

Ultimate 52” 16 Ga Foot Shear  Model 3000-52-16  $3,550.00
Back Gauge Kit for 52” Foot Shear Model 3000-52-200  $395.00

52” Foot Shear Max Capacity
16 Ga (.059”) Mild Steel
12 Ga (.080”) 6061 Aluminum
24 Ga (.025”) Stainless

Ultimate 72” Foot Shear  Model 3000-72-24  $6,250.00
Back Gauge Kit for 72” Foot Shear Model 3000-72-200  $415.00

72” Foot Shear Max Capacity
24 Ga (.024”) Mild Steel
18 Ga (.040”) 6061 Aluminum

Retractable Support Arms  Model 3000-100  $90.00

Order Toll Free 1-800-467-2464
Bench Mount English Wheel

- 26-1/2" Deep Throat
- 17-1/2" From Bottom frame to Top of Anvil Wheel
- 2-1/2" OD - 2" Wide Anvils &  7" OD x 2" Wide Top Wheel
- Rugged 3" x 4" x 1/4" Tube Construction
- Adjustable Anvil Wheel Angle
- Kick Wheel Manual Pressure Adjustment
- Cam Action Release on Top Wheel  For Quick & Easy Anvil Change-Out
- Ships UPS - 2 Boxes (129 Lbs. & 38 Lbs.)

Standard Bench Mount Welded English Wheel  Model 2900  $1,500.00
Completely finished as shown

Bench Mount Unwelded English Wheel Kit Model 2900-K  $1,225.00
Unwelded kit includes all machined parts, top wheel assemblies, 6 anvils wheels, cut to length frame material, detailed step by step instructions and blueprints.

Optional Floor Stand With Locking Casters Model 2900-300 $345.00
(For model 2900)

Anvil Wheels

- CNC Machined In House
- Heat Treated Steel
- Hard Turned & Polished
- After Heat Treat
- For Concentricity

<table>
<thead>
<tr>
<th>Part #</th>
<th>Price</th>
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<tr>
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<td>$105ea</td>
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<tr>
<td>2900-A7</td>
<td>$105ea</td>
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</tbody>
</table>

Max Capacity:
16 Ga (.059") Mild Steel
10 Ga (.100") Soft Aluminum

Order Online @ MITTLERBROS.COM
Floor Model English Wheel

A Rugged, Robust Machine for the Metalworking Professional

• Free Standing
• 72” Overall Height
• 50” Overall Depth
• 36-1/2” Deep Throat
• 30” Throat Height
• 2-1/2” OD x 2” Wide Anvil Wheels - Quantity: 6
• 7” OD x 2” Wide Upper Wheel
• Built in Anvil Wheel Holder
• Rugged 3” x 4” x 1/4” Tube construction
• Adjustable Anvil Wheel Angle
• Cam Action Release on Top Wheel for Quick & Easy Anvil Change-Out
• Kick Wheel Manual Pressure Adjustment
• Casters - 2 Fixed, 1 Swivel with Lock

Floor Model English Wheel  Model 4000  $2,925.00
Completely finished as shown above

Floor Model English Wheel  Model 4010  $3,475.00
With 9” OD x 3” Wide Upper Wheel & 3” OD x 3” Wide Lower Wheels
★ 5 Lower Anvil Wheels do not include 2900-A0 Flat Wheel

Metal Shaper Station

Specifications:
Working Height..............................47”
Width..............................................52”
Depth.............................................55”
Max. Anvil Opening........................1”
Weight....................................475 lbs.
Upper Wheel........2” wide x 4-1/2” Dia.
Rolls..............................Case Hardened

Unique Upper Wheel “CAM” Release

6 Anvil Wheels Included
2-1/2” Dia x 2” Wide;  
2900-A0 = Flat 
2900-A1 = 1”-1/2” Rad w/ 3/4” Flat 
2900-A2 = 8-1/2” Rad w/ 1/2” Flat 
2900-A3 = 5” Rad w/ 3/8” Flat 
2900-A4 = 3-1/4” Rad w/ 1/4” Flat 
2900-A5 = 2-3/8” Rad w/ 1/8” Flat 
CNC Machined
Heat Treated Steel

Metal Shaping Work Cell:
• Hammering / Blocking to pre-form the custom aluminum or steel parts;
• Wheeling and raising metal panels;
• Shrinking or stretching;
• Planishing: Perfect for motorcycle tanks, hood scoops, fender flares, door skins, etc.

Foot Operated Shrinker / Stretcher

Max Capacity: 16 Ga (.059”) Mild Steel 10 Ga (.100”) Soft Aluminum

Metal Shaper Station  Model 3200  $4,885.00
Complete with Stand, Shrinker / Stretcher Body with Jaws, 6 Lower Anvil Wheels

Order Toll Free 1-800-467-2464
Heavy Duty Shrinker / Stretcher

Jamey Jordan Signature Series
Shrinker/Stretcher

Model 570........$1,725.00
(Jaws not included)

Replacement Jaw Sets

- Shrinker Jaw Set (Steel)
  Model 570-200 $540.00
- Stretcher Jaw Set (Steel)
  Model 570-210 $540.00
- Shrinker Jaw Set (Aluminum)
  Model 570-220 $540.00
- Stretcher Jaw Set (Aluminum)
  Model 570-230 $540.00

Max Capacity
16 Ga (.059") Mild Steel
14 Ga (.064") Aluminum
19 Ga (.043") Stainless

- Revolutionary Design
- All Bearing Design for smooth operation
- Down acting/Up acting
- Comes with Bench Mount Plate
  (Stand Available, pg.51)
- High Leverage
- Ideal for Professional Metal Worker
- 7" Throat Depth
- Precision Machine Frame
- Stand Available (see page 51)

Hand Held Shrinker / Stretcher

- Shrink in place without removing work piece
- Works great on large panels to prevent distortion
- Includes Standard Shrinker / Stretcher Dies

Hand Held Shrinker-Stretcher

Model 590.........$675.00

Order Online @ MITTLERBROS.COM
Shrinker / Stretcher

Made In The USA By Lancaster

Power Shrinker-Stretcher
Model 560.........$725.00
( Complete as shown )

- Perfect for Curved Angles and Channels
- 80 - 120 PSI Air Pressure at 20 CFM
- Speed Adjustable Air Cylinder
- Easy Switch Over With Quick Release Pin
- Foot Pedal Control Leaves Both Hands Free to Guide Work
- Rugged Welded and Coated Frame

Max Capacity
18 Ga (.047”) Mild Steel
14 Ga (.064”) Aluminum
19 Ga (.043”) Stainless

Standard Power Kit Only
Model 560-NB $415.00
(Complete as shown)

Shrinker / Stretcher Set

Model 550-STSH $395.00
( 1 Shrinker Body w/Jaws, Handle & 1 Stretcher Body w/ Jaws, Handle )

Individual Bodies
Shrinker Body Model 550-MSHR $205.00
( 1 Shrinker Body w/Jaws & Handle )
Stretcher Body Model 550-MSTR $205.00
( 1 Stretcher Body w/Jaws & Handle )

Replacement Jaw Sets
Stretcher Jaw Set Model 550-512 $130.00
Shrinker Jaw Set Model 550-511 $130.00

Shrinker / Stretcher Deep Throat
Extra throat clearance when shrinking or stretching panels.
Mounts in Bench Press
(#2200-M, #2200-H, #2210-H) & Louver Press

Shrinker / Stretcher Deep Throat Set with Adapters
Model 550-100 $335.00
Shrinker Deep Throat Set with Adapters
Model 550-101 $220.00
Stretcher Deep Throat Set with Adapters
Model 550-102 $220.00

Combo Shrinker-Stretcher Set

Combo Shrinker & Stretcher
Model 550-CU $285.00
( 1 Body with one set of shrinker jaws & one set of stretcher jaws )

Foot Operated Stand
Use your foot to control the machine leaving your hands free to move the metal.

Shrinker/ Stretcher Kit w/ Foot Operated Stand
Model 550-FSK $725.00
(Shrinker, Stretcher, & Stand Included in Price)

Stand Only
Model 550-FS $375.00
(Shrinker / Stretcher Not Included In Price)

Floor Stand

Floor Stand with Locking Casters
Model 3100-100 $265.00

Order Toll Free 1-800-467-2464
Hand Tools

Side Grip Clamps

Side Grip Clamps are designed to clamp at the edge of the work area. Ideal for holding work pieces of all types, particularly during bonding, sealing or gluing operations. Plier-operated, Spring loaded, Constant clamping force.

Use MB-TP74 installation tool.
Clamping Capacity (gap) 1/2”
Effective Body Depth (reach) 1”
Body Length 2-3/16”

Model MB-TP125SG $3.35

Air Rivet Gun

Lightweight, heavy-duty professional

Model 62780 $135.00

Swivel Riveting Tool

Rotates 360° and rivets in any position.
High leverage handles for added power.
Hardened steel construction for long life.
Extended nose for hard to reach places.

Model MB-TP844 $75.00

Hand Seamer

1.5 lbs.
Wide, deep jaws machined for smooth parallel fit.
Forms precise folds and seams.
1” Deep x 3-1/2” wide throat.

Model MB-TP44 $27.00

Offset Hand Seamer

1.25 lbs.
Offset design allows for additional leverage.
1-1/4” deep x 3-1/8” wide throat.
Forged steel design.

Model MB-TP44-0 $79.00

High Capacity Offset Snips

Red Handle
Cuts left and straight
Model MB-TP904L $38.00

Green Handle
Cuts right and straight
Model MB-TP904R $38.00

Beverly Slitting Shear

10.5 lbs
Equipped with high carbon, high chrome blades.
10 Gauge mild steel slitting capacity.
3/16” mild steel trimming capacity.
3/16” x 2” bar stock capacity.
8” height (less handle).
3-1/2” blade length.
14 Gauge stainless capacity.

Model MB-TP257 $495.00

18 Gauge mild steel capacity.
Ergonomic handle design.
Alloy steel jaws with grooved tips and serrated upper jaws for optimal performance.

CLECO Pliers

Handy tool for sheet metal and body fabrication. Simply drill the hole then apply the spring loaded CLECO to hold your work in place.

Model MB-TP74 $10.00

CLECO Kits

40 CLECOS & 1 Pliers - either size.
1/8” Cleco Kit MB-102 $35.00
3/16” Cleco Kit MB-103 $35.00

Individual CLECOS

<table>
<thead>
<tr>
<th>Dia.</th>
<th>Drill Size</th>
<th>Price</th>
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<tr>
<td>1/8”</td>
<td>#30</td>
<td>$0.70</td>
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<tr>
<td>3/16”</td>
<td>#10</td>
<td>$0.70</td>
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</table>

Beverly Throatless Shears

Throatless shears are ideal for all-purpose metal cutting tools. They permit any desired cut in heavy gauge materials while still handling lighter gauges without distortion.

14 Gauge B-1 Throatless Shear

18 lbs.
14 Gauge mild steel capacity.
18 Gauge stainless capacity.
18” height (less handle).
4-1/4” blade length.

Model MB-TP253 $755.00

Model MB-TP253B - BLADES $170.00

10 Gauge B-2 Throatless Shear

35 lbs.
10 Gauge mild steel capacity.
14 Gauge stainless capacity.
15” height (less handle).
4-3/8” blade length.

Model MB-TP254 $1,050.00

Model MB-TP254B - BLADES $180.00

7 Gauge B-3 Throatless Shear

58 lbs.
7 Gauge mild steel capacity.
10 Gauge stainless capacity.
15” height (less handle).
5-5/8” blade length.

Model MB-B3 $1,525.00

Model MB-B3B - BLADES $225.00

Order Online @ MITTLERBROS.COM
Metal Forming Hand Tools

Soft Face Dead Blow Hammers
These handy plastic mallets are some of our favorites and make a great addition to any home workshop or full-time metal shop.

<table>
<thead>
<tr>
<th>Weight</th>
<th>Model</th>
<th>Price</th>
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<tbody>
<tr>
<td>21 oz</td>
<td>MB-TC1</td>
<td>$24.00</td>
</tr>
<tr>
<td>26 oz</td>
<td>MB-TC2</td>
<td>$27.00</td>
</tr>
<tr>
<td>45 oz</td>
<td>MB-TC3</td>
<td>$37.00</td>
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</table>

Bossing Mallets
Extra deep reach makes them a “must have” for all types of metal work projects. Each mallet also has two radii for added usefulness and practicality.

<table>
<thead>
<tr>
<th>Weight</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 Lbs.</td>
<td>MB-TCBM1</td>
<td>$43.00</td>
</tr>
<tr>
<td>2.3 Lbs.</td>
<td>MB-TCBM2</td>
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</tr>
<tr>
<td>3 Lbs.</td>
<td>MB-TCBM3</td>
<td>$58.00</td>
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<tr>
<td>3 Pack (# 1,2,3)</td>
<td>MB-TCBM4</td>
<td>$135.00</td>
</tr>
</tbody>
</table>

Blocking Hammers
Blocking Hammers are ideal for roughing (blocking) high-dome shapes in aluminum or steel.

Model MB-BH350 $125.00

Wooden Mallets
A good, all-purpose tool to have in your arsenal. Use a disk sander to easily customize one or both mallet heads to suit the job at hand, or leave as is.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Model</th>
<th>Price</th>
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<tbody>
<tr>
<td>2-1/2&quot;</td>
<td>SUM00</td>
<td>$42.00</td>
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<td>2-3/4&quot;</td>
<td>MUM00</td>
<td>$48.00</td>
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<tr>
<td>3&quot;</td>
<td>LUM00</td>
<td>$50.00</td>
</tr>
</tbody>
</table>

20 Hole Adjustable Rivet Spacer
Uniform spacing of rivets, bolts, nails, etc. Unique fan design expands to 36”. Equally spaces up to 20 holes between two given points. Made of 301 stainless steel.

Model MB-12-11700 $45.00

“T” Dollies, Straight & Curved
These handy T-Dollies can be used to form flanges and edges by hammering (with hammer or wood slapper) the metal over the rounded dolly. T-Dollies can be hand held or placed in a vise.

Straight:

- 1/2” x 4”  Model MB-TPA5518 $27.00
- 3/4” x 6”  Model MB-TPA5519 $34.00
- 1” x 8”   Model MB-TPA5520 $42.00

Curved: pat. pending

- Gentle Curve Model MB-FCTD01 $65.00
- Crescent Model MB-FCTD02 $62.00
- Slope Model MB-FCTD03 $64.00

Slappers
Metalshapers know that wood slappers of various shapes, although a seemingly simple tool, quickly becomes a valuable asset in any metal shop.

Flat Model MB-FFS01 $65.00
Curved Model MB-CFS01 $67.00
Round Model MB-RBS01 $77.00

Shot Bag
Our bags have a suede outer finish and a tanned inner surface for blemish-free metal work.

(Shot Not Included)

12” Model MB-LSB12 $45.00
**Aircraft Tools**

### Rivet Start-Up Kit

Our Rivet Start-Up Kit features everything you need to get started! Kit includes: ATS Rivet Gun, Rivet Anvil, Bucking Bar and your choice of 1/8" or 3/16" Universal Head Aluminum Rivets (1/4 lb bags of 1/4", 3/8" and 1/2" length).

- 1/8" Aircraft Rivet Start-Up Kit Model MB-RIVKIT-125 $245.00
- 3/16" Aircraft Rivet Start-Up Kit Model MB-RIVKIT-187 $245.00

### Universal Head Aluminum Rivets - 1/4 LB

- Solid Aluminum.
- $11.00 per Bag

<table>
<thead>
<tr>
<th>Size</th>
<th>Model MB</th>
<th>Price</th>
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<tr>
<td>1/8&quot; D x 1/4&quot; L</td>
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<tr>
<td>1/8&quot; D x 3/8&quot; L</td>
<td>MB-MS20470-4-6</td>
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<tr>
<td>1/8&quot; D x 1/2&quot; L</td>
<td>MB-MS20470-4-8</td>
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<tr>
<td>3/16&quot; D x 1/4&quot; L</td>
<td>MB-MS20470-6-4</td>
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<tr>
<td>3/16&quot; D x 3/8&quot; L</td>
<td>MB-MS20470-6-6</td>
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<tr>
<td>3/16&quot; D x 1/2&quot; L</td>
<td>MB-MS20470-6-8</td>
<td></td>
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</tbody>
</table>

### Heavy Duty Rivenut Kit

Includes tool, nosepiece and mandrels in sizes 6-32, 8-32, 10-24, 1/4-20, 10-32, 5/16-18 & 3/8-16 Industrial strength rivenut tool is made from forged steel to withstand hard use. Unique design allows mandrels to be replaced quickly and easily.

**Heavy Duty Rivenut Kit Model** MB-39313 $140.00

### Aluminum Rivnuts

- Rivenut 6-32 Pack of 10 MB-RIVNUT-6 $3.50
- Rivenut 8-32 Pack of 10 MB-RIVNUT-8 $3.75
- Rivenut 10-32 Pack of 10 MB-RIVNUT-10 $4.00

---

### ATS Rivet Gun

Features a feather-light throttle that’s so controllable, you can safely drive a 3/32" rivet. The new 2602A is engineered with your safety in mind by adding an ergonomic, vibration-reducing rubber grip that significantly reduces the hand-numbing effects of vibration shock.

**ATS Rivet Gun Model MB-2602A $165.00**

- Flat Rivet Set (3/32, 1/8, 5/32, 3/16 sizes) Model MB-120 $34.00
- Offset Rivet Set (3/32, 1/8, 5/32, 3/16 sizes) Model MB-121 $34.00

### Steel Bucking Bar Set (4 PCS)

Set includes four of the most popular bucking bar sizes: 142, 147, 148 and 149. Steel construction.

**Model MB-4PC $78.00**

### ATS Rivet Squeezer

TS Pro Series Rivet Squeezer will safely squeeze aluminum rivets up to 5/32" diameter (up to 1/8" dia steel rivets). The unibody handles are forged from a single billet of steel and precisely machined. Making them extremely strong and resistant to breakage. The yoke is made of the highest quality tool steel and hardened to resist flex under stress. An adjustable ram eliminates the need for shims. 1" Yoke.

**Model MB-ATSRS-1 $100.00**

### Squeezer Set Mix - 6 Pieces

Available in 1/2, 1/4, 3/8 and 1/2" Body Lengths


**Model MB3456-1 $34.00**
Impala Front Hubs

Direct Replacement - Ideal For Rule Cars
5 X 5 Bolt Pattern
7" Diameter Provides Proper Wheel Support
Uses Rotor Adapter Plate To Eliminate Brake Hat

Hubs Include 5/8" Short Studs, Races & Dust Caps. Please Specify Coarse Or Fine Studs.

| Impala Spindle Pin | 800-013 | $75.00 ea |

Grand National Front Hubs

Race Proven
5 X 5 Bolt Pattern
7" Diameter Provides Proper Wheel Support
Uses Rotor Adapter Plate To Eliminate Brake Hat

Hubs Include 5/8" Short Studs, Races & Dust Caps. Please Specify Coarse Or Fine Studs.

| Fits SCP GN Front Spindle |

Rotor Adapter Plates

Comfortable & Practical

Brake Rotors

Standard Brake Rotors
( 11.75" Dia. x 1.25" Thick ) 9 Lbs. Model 1400-532 $45.00

Light Weight Brake Rotors
( 11.75" Dia. x .810" Thick ) 8.5 Lbs. Model 1400-533 $45.00

Rotor Bolt Kit For 8 Hole Rotors Model 1400-504-13 (13pcs) $6.00

Rotor Bolt Kit For 10 Hole Rotors Model 1400-504-15 (15pcs) $7.00

These Fit '70 to '76 Spindles

| Impala Front Hubs & Parts |
| Description | Part # | Price |
| Steel Front Hub 9 Lbs. | 1400-IMPS | $150.00 |
| Steel Hub for #1 or #2 Spindle | 1400-IMP1S | $150.00 |
| Aluminum Front Hub 7 Lbs. | 1400-IMPA | $215.00 |
| Inner Bearing ( LM48548 ) | 1400-530 | $15.00 |
| Inner Race ( LM48510 ) | 1400-508 | $9.00 |
| Outer Bearing ( LM12649 ) | 1400-529 | $14.00 |
| Outer Race ( LM12610 ) | 1400-507 | $7.00 |
| Seal ( 19753 ) | 1400-522 | $5.00 |

| 5 x 5 Front Hubs & Parts |
| Description | Part # | Price |
| Steel Front Hub | 1400-5x5S | $150.00 |
| Aluminum Front Hub | 1400-5x5A | $215.00 |
| Inner Bearing ( 3383 ) | 1400-516 | $54.00 |
| Inner Race ( 3320 ) | 1400-518 | $27.00 |
| Outer Bearing ( 2687 ) | 1400-517 | $55.00 |
| Outer Race For Steel Hub ( 2630 ) | 1400-519 | $50.00 |
| Outer Race For Aluminum Hub ( 2620 ) | 1400-520 | $35.00 |
| Seal ( 23666 ) | 1400-521 | $28.00 |

| 8 Hole Aluminum on 7" B.C. | 1-1/4 lbs. | 1400-003-A | $36.00 ea |
| 8 Hole Steel on 7" B.C. | 3 lbs. | 1400-003-S | $36.00 ea |
| 10 Hole Aluminum on 6.8" B.C. | | 1400-002-A | $36.00 ea |
| 10 Hole Steel on 6.8" B.C. | | 1400-002-S | $36.00 ea |
| 6 Hole Aluminum on 6.25" B.C. | | 1400-065-A | $36.00 ea |

Order Toll Free 1-800-467-2464
Complete Rear Hub Kits
All Complete Hub Kits are for One Wheel & Come Complete as Listed Below

- Hub w/ Races & Studs Installed
- Bearings
- Hub Seal & Axle Seal
- Spindle Nut & Lockwasher
- Hub Cap w/ Screws & O-Ring
- Steel Rotor Adapter w/ Bolts
- 6061 Drive Flange w/ O-Ring & Bolts

### Complete Rear Hub Kits

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Right Rear Kit</td>
<td>1400-402-R</td>
<td>$330.00</td>
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<tr>
<td>(LONG COARSE 5/8&quot; STUDS ARE STANDARD)</td>
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</tr>
<tr>
<td>Standard Left Rear Kit</td>
<td>1400-402-L</td>
<td>$330.00</td>
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<tr>
<td>(LONG COARSE 5/8&quot; STUDS ARE STANDARD)</td>
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<tr>
<td>Light Weight Right Rear Kit</td>
<td>1400-401-R</td>
<td>$350.00</td>
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<tr>
<td>(SHORT COARSE 5/8&quot; STUDS ARE STANDARD)</td>
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<tr>
<td>Light Weight Left Rear Kit</td>
<td>1400-401-L</td>
<td>$350.00</td>
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<tr>
<td>(SHORT COARSE 5/8&quot; STUDS ARE STANDARD)</td>
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<tr>
<td>Steel Drive Flanges (add to Above Price)</td>
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<td>$10.00 ea</td>
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<tr>
<td>7075 Aluminum Drive Flanges (add to Above Price)</td>
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### Rear Hubs & Parts

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<td>5x5 Steel Rear Hub 8.5 Lbs.</td>
<td>1400-5x5RS</td>
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<tr>
<td>5x5 Aluminum Rear Hub</td>
<td>1400-5x5RA</td>
<td>$210.00</td>
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<tr>
<td>Inner / Outer Race (L610510)</td>
<td>1400-502</td>
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<td>Inner / Outer Bearing (L610549)</td>
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<td>Axle Seal (SCP-50395)</td>
<td>1400-511</td>
<td>$3.75</td>
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<tr>
<td>Hub Seal (SCP-2168)</td>
<td>1400-510</td>
<td>$5.25</td>
</tr>
</tbody>
</table>

### Lite Weight Rear Hubs

- 6 Lbs. Steel
- Hubs Come w/ Coarse 5/8” Short Studs, Races
- Ideal For Light Weight Cars
- Reduces Rotating & Unsprung Weight
- Uses Same Drive Plate & Bearings As Grand National Hub Shown Above

5x5 Steel Rear Hub With Studs & Races
Model 1400-LWRH..$150.00 ea

### Wheel Studs

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; dia x 3-3/4&quot; Long Coarse</td>
<td>1400-527</td>
<td>$4.00</td>
</tr>
<tr>
<td>5/8&quot; dia x 2-3/4&quot; Short Coarse</td>
<td>1400-523</td>
<td>$3.00</td>
</tr>
<tr>
<td>5/8&quot; dia x 3-3/4&quot; Long Fine</td>
<td>1400-526</td>
<td>$5.60</td>
</tr>
<tr>
<td>5/8&quot; dia x 2-3/4&quot; Short Fine</td>
<td>1400-524</td>
<td>$3.50</td>
</tr>
</tbody>
</table>
Drive Flanges

All Our Drive Flanges Have A 7” OD For Proper Wheel Support Without A Brake Rotor Hat

Standard Drive Flange

• SUITABLE FOR MOST IMCA TYPE CARS
• 6061-T6 ALUMINUM
• HARD COAT ANODIZED FOR WEAR RESISTANCE
• BEST WITH LIMITED POWER AND TIRE

6061 Aluminum Drive Flange w/ Cap, Bolts, O-rings & Hard Coat Anodized For Wear Resistance
Model 1400-033-6061 $90.00

Ultimate Drive Flange

• 7075-T6 ALUMINUM
• IDEAL FOR ANY APPLICATION
• SUITABLE FOR HIGH HORSE POWER AND BIG TIRES

5 X 5 (24 SPLINE) 7075 Aluminum Drive Flange w/ Cap, Bolts, O-rings, & Hard Coat Anodized For Wear Resistance
Model 1400-033-7075 $115.00

Steel Drive Flange

• USE WHERE RULES WON’T ALLOW ALUMINUM
• HIGH STRENGTH STEEL

5 X 5 (24 SPLINE) Steel Drive Flange w/ Cap, Bolts & O-rings
Model 1400-006 $105.00

Bolt Circle Adapters

4 3/4” or 4 1/2” Bolt Circle
Ideal For Street Stock & IMCA Modified Cars
Allows The Use Of Our Proven Grand National Hub
This is just a thick drive flange with a dual bolt pattern allowing you to use our 5 x 5 hubs with your stock pattern wheels
Includes Hub Cap & all hardware required
Widens The Track By 11/16” Per Side over std. Drive Flange

Bolt Circle Adapter Steel Model 1400-017-S $180.00 ea
Bolt Circle Adapter Aluminum Model 1400-017-A $180.00 ea
(Specify 4-1/2” or 4-3/4” BC and Stud Type)

Apply High Pressure Lube To Drive Flanges At each Installation. See Page 65

Order Toll Free 1-800-467-2464
9” Racing Housings

Custom Built to any Width, any Offset!

INCLUDES:
1 Pair Standard 5x5 Hubs w/Short Coarse Studs 1400-034
1 Pair of Standard 6061 24 Spline Drive Flanges 1400-033-6061
1 Pair of Rear Hub Accessory Kits, Left / Right 1400-400-L / R  
( Includes bearings, seals, o-rings & hardware )
1 Pair Steel Rotor Adapters 8 Hole 7” BC 1400-003-S
1 Pair 28 or 31 Spline Standard GN Axles
1 New Housing between 58” and 62” with 3”OD x 3/16” Wall Tubes
1 3/4 Allen Fill Plug
1 1/2 Allen Drain Plug

Just Give Us Your “A” and “B” Dimensions & We’ll Do The Rest

Complete Floater Housing Assembly as Listed Above $1,505.00 $60 savings over individual parts

New 9” Ford Housings

Track 9

Model 1000-503 $360.00
Model 1000-504 $360.00

“ECONO” 9” Ford Housing  ( 3/16” thick ) Model 1000-509 $275.00

Track 9 Housing Standard Weight ( 1/8” thick ) $360.00
Track 9 Housing NASCAR Approved ( 3/16” thick ) $360.00

“ECONO” 9” Ford Housing ( 3/16” thick )

Basic Rear End Kit

Kits Use 3” Diameter Tubing

Basic Track 9 Kit As Shown Above Starting At $500.00

Order Online @ MITTLERBROS.COM
Floater Housing Accessories

<table>
<thead>
<tr>
<th>GN 5X5 HUB PARTS</th>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<td>Right Hand 5x5 G N Spindle Nut</td>
<td>1400-512</td>
<td>$7.75</td>
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<td></td>
<td>Left Hand 5x5 G N Spindle Nut</td>
<td>1400-509</td>
<td>$16.75</td>
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<tr>
<td></td>
<td>Axle Seal (#SCP-50395)</td>
<td>1400-511</td>
<td>$3.75</td>
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<td></td>
<td>O’Ring For Drive Flange (#241)</td>
<td>1400-514</td>
<td>$1.50</td>
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<td></td>
<td>O’Ring For Hub Cap (#132)</td>
<td>1400-515</td>
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<td></td>
<td>Left Hub Accessory Kit</td>
<td>1400-400-L</td>
<td>$108.00</td>
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<td></td>
<td>Right Hub Accessory Kit</td>
<td>1400-400-R</td>
<td>$108.00</td>
</tr>
<tr>
<td></td>
<td>GN Hub Cap w/ O-Ring &amp; Bolts</td>
<td>1400-009</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

Grand National Double Spline Axles $139.00 ea
Specify 28 or 31 Spline
Light Weight Gun Drilled Axles $205.00 ea
31 Spline Only

Grand National Rear Snout Left Model 800-004-L $58.00 ea
Grand National Rear Snout Right Model 800-004-R $58.00 ea

Spindle Nut Socket Makes Removal & Installation A Breeze
Fits 1/2” Drive Ratchet And Has Stainless Drive Pins

#12 Grand National Spindle Nut Model 1400-013 $60.00 ea
#11 Speedway Spindle Nut Model 1400-014 $60.00 ea

High Pressure Lube
Extend Drive Flange Life!

We have tested the High Pressure Lube and found it to be the Ultimate Lube for high pressure applications. Also works great for spark plugs, aluminum fittings, etc.

We also recommend High Pressure Lube be applied on a regular basis to improve Drive Flange Life.

9" Ford Inner Axle Seal

This billet aluminum seal has three O-rings that seal it to the axle tube and two bonded, heavy duty, neoprene inner seals designed to compensate for any amount of axle run out.

Red Model AS9188 2.625” OD $59.00 ea.
Gold Model AS9520 2.500” OD
Blue Model AS9218 2.560” OD
Silver Model AS9125 2.750” OD

Order Toll Free 1-800-467-2464
Rear End Accessories

All housing ends are machined from premium grade mild steel so there is no fear of cracking when MIG welding is used to attach to the housings. All ends are 1” thick unless stated otherwise.

Early Big Ford Housing Ends. 3.150” Bore 1/2x20 Threaded Holes
Model 1000-260...$90.00

Early Big Ford Housing Ends. 3.150” Bore, 2” Thick, Uses An Axle Seal, 3/8” Bolt Holes
Model 1000-253...$90.00

Late Model Big Ford (Torino) Housing Ends. 3.150” Bore, 3/8” Holes
Model 1000-254...$90.00

Symmetrical / Lamb Housing Ends 3.150” Bore, 3/8” Bolt Holes
Model 1000-255...$90.00

Oldsmobile Housing Ends 3.150” Bore 3/8” Bolt Holes
Model 1000-251...$90.00

1-1/4” Fill Cap Assemblies Have A Steel Weld Bung & Aluminum Cap.
They Also work Great For Weight Bars
Model 1000-301...$48.00

2-1/2” Fill Cap Assemblies Have A Steel Weld Bung & Aluminum Cap.
Model 1000-302...$60.00

1/2” Pipe Threaded Fittings Are 1/2” High & Have A 7/8” Register Diameter
Model 1000-320...$5.00

1/8” Pipe Weld Bung and Vent Fitting Work Great For Race Applications
Model 1000-340...$5.00

Grade 8 Press In Face Plate Studs for 9” Fords
Set of 10
Model 1000-505-S...$19.00

Pinion Angle Plate
The MB Pinion Angle Plate is a quick and simple method to check and set pinion angle. Use this when first setting up chassis or making bar changes. Allows you to maintain this critical angle.

Pinion Angle Plate Model 1000-310...$20.00

Order Online @ MITTLERBROS.COM
Rear End Narrowing Kits
For 8”, 8.8”, 9” Ford, Dana 44/60, 12-Bolt Chevy

Narrow any rear end for racing or rodding applications with this precision-made kit. A 1-1/2” x 60” lineup bar is passed through the trimmed rear-end housing and the inner bearing blocks. This assures the accurate, true and square reinstallation of the housing ends. (Additional sizes available upon request)

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear End Narrowing Kit as Described Above with 60” Bar</td>
<td>Model 1000-RENK1</td>
<td>$695.00</td>
</tr>
<tr>
<td>Rear End Narrowing Kit as Described Above with 72” Bar</td>
<td>Model 1000-RENK1-72</td>
<td>$720.00</td>
</tr>
</tbody>
</table>

Pinion Centering Plate

Use This Precision Machined and Engraved Steel Plate To Locate Your Pinion Centerline When Narrowing A Housing or Checking Offsets. Fits 9” Ford, 8.8” Ford, 12 Bolt Chevy, Dana 60, 8-3/4” Mopar & Oldsmobile.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-004</td>
<td>$90.00</td>
</tr>
</tbody>
</table>

Custom Line Up Blocks Available Upon Request

Narrowing Kit For 9” Ford Floater Housings
(for Mittler GN Snouts)

This Kit Allows You To Fabricate A Precision Floater Housing. Includes Inner Blocks To Fill 9” Ford (Specify Size), Tube Alignment Rings To Square Tube With Center, Snout Alignment Rings, 72” Alignment Bar and Pinion Centering Plate.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>1000-001-2</td>
<td>$170.00</td>
</tr>
<tr>
<td>1000-001-3</td>
<td>$200.00</td>
</tr>
</tbody>
</table>

Floater Rear End Narrowing Kit as Described Above | Model 1000-RENK2 | $550.00 |

Order Toll Free 1-800-467-2464
Off Road Housings & Hubs

- All Tig Welded
- Drain and Fill Plugs Installed
- CAD/CAM Designed
- Precision Ground Mounting Plate

Off Road Basic Housing

We Can Fabricate A Housing For Any Application
Call for a Quote!

Optional Bracing Shown

5x5-1/2 Steel Drive Flange

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 Spline Steel Drive Flange</td>
<td>1400-043-24</td>
<td>$200.00</td>
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<tr>
<td>40 Spline Steel Drive Flange</td>
<td>1400-043-40</td>
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</table>

Off Road 5x5 - 1/2 Hub Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear Hub 5x5-1/2 Standard Steel with Races &amp; Long Course 5/8&quot; Studs</td>
<td>1400-052</td>
<td>$180.00</td>
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<tr>
<td>Bearing # L610549 - Timken</td>
<td>1400-536</td>
<td>$95.00</td>
</tr>
<tr>
<td>Bearing Race # L610501 - Timken included in hub Price</td>
<td>1400-537</td>
<td>$40.00</td>
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<tr>
<td>#12 Spindle Nut w/Lock ring - Right Hand Thread</td>
<td>1400-538</td>
<td>$17.00</td>
</tr>
<tr>
<td>#12 Spindle Nut w/Lock ring - Left Hand Thread</td>
<td>1400-539</td>
<td>$17.00</td>
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<tr>
<td>O-Ring for Drive Flange to Hub - Large</td>
<td>1400-514</td>
<td>$2.00</td>
</tr>
<tr>
<td>Seal - Hub</td>
<td>1400-510</td>
<td>$5.25</td>
</tr>
<tr>
<td>Seal - Axle</td>
<td>1400-511</td>
<td>$3.75</td>
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<tr>
<td>O-Ring for 40 Spline Hub Cap 01-135</td>
<td>1400-535</td>
<td>$1.00</td>
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<tr>
<td>O-Ring for 24 Spline Hub Cap 01-132</td>
<td>1400-515</td>
<td>$1.00</td>
</tr>
<tr>
<td>Rear Dust Cap w/bolts &amp; O-Ring - 40 Spline</td>
<td>1400-054</td>
<td>$20.00</td>
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<tr>
<td>Rear Dust Cap w/bolts &amp; O-Ring - 24 Spline</td>
<td>1400-009</td>
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<tr>
<td>Left Hub Accessory Kit - 40 Spline</td>
<td>1400-404-L</td>
<td>$210.00</td>
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<td>Right Hub Accessory Kit - 40 Spline</td>
<td>1400-404-R</td>
<td>$210.00</td>
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<td>Left Hub Accessory Kit - 24 Spline</td>
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</tr>
<tr>
<td>Right Hub Accessory Kit - 24 Spline</td>
<td>1400-405-R</td>
<td>$210.00</td>
</tr>
</tbody>
</table>

Tubing Options Available
3" - 1/4 Wall, 3.25" - 1/4 Wall, 3.5" - 1/4 Wall, 4" - 1/4 Wall

Order Online @ MITTLERBROS.COM

2019
Fabricated Differential Housing
Unique Triangulated Design For Maximum Strength

- Precision CNC Machined
- CAD/CAM Designed
- All Tig Welded
- Drain and Fill Plugs Installed
- Precision Ground Mounting Plate
- Mild Steel or 4130 Construction

We Can Fabricate A Housing For Any Application
Call For a Quote!
Order Toll Free 1-800-467-2464
Lit Weight Spool
Weight: 6.1 lbs.
Improved Design Allows Strength Equal To A Standard Weight Spool (7.82 lbs.)

- CNC Machined From Forgings
- 4130 Heat Treated Steel Or 7075-T6 Aluminum
- Available In 23, 28, 31, 33, 35 & 40 Spline
- Lifetime Guarantee Against Breakage

### Description | Part # | Weight
---|---|---
9" FORD SPOOL
Ultra Lite Steel Spool 4130 Heat Treat - 31 Spline | 1500-002-31-FUL | 5.94 lbs. |
Standard Steel Spool 4130 Heat Treat - 28 Spline | 1500-006-28-FSTD | |
Standard Steel Spool 4130 Heat Treat - 31 Spline | 1500-006-31-FSTD | |
DANA 44 SPOOLS
Dana 44 4130 Heat Treat - 30 Spline High Series | 1500-010-30-DAHS | 9.44 lbs. |
Dana 44 4130 Heat Treat - 30 Spline Low Series | 1500-010-30-DALS | 9.44 lbs. |
TOYOTA SPOOLS
Toyota 8" 4130 Heat Treat - 30 Spline | 1500-017-30-T8 | 6.46 lbs. |
Toyota V6 4130 Heat Treat - 30 Spline | 1500-024-30-TV6 | 6.92 lbs. |
Dwarf & Legend - Steel, 10 Bolt - 23 Spline | 1500-030-23-S-DL10 | 3.66 lbs. |
Dwarf & Legend - Steel, 8 Bolt - 23 Spline | 1500-031-23-S-DL8 | 2.92 lbs. |
Dwarf & Legend - Aluminum, 10 Bolt - 23 Spline | 1500-030-23-AL-DL10 | 1.74 lbs. |
Dwarf & Legend - Aluminum, 8 Bolt - 23 Spline | 1500-031-23-AL-DL8 | 1.24 lbs. |
MINI Dwarf & Legend - Steel, 8 Bolt - 23 Spline | 1500-032-23-MS-DL | 1.18 lbs. |

---

Pinion Supports
Heavy Duty Pinion Support For All 9" Ford Cases, Precision CNC Machined From Billet
Available In All Popular Configurations
Daytona Bearing .................. Model 1900-001
Big Bearing ..................... Model 1900-002
10 Bolt Heavy Duty .......... Model 1900-003

Order Online @ MITTLERBROS.COM
Custom Billet Crankshafts
Featuring the “Best-Fit” design that puts the right weight in the right place every time!

- Made in America with American Materials
- Custom Made to your Application
- Production Runs
- Made from the highest quality E4340 Aircraft Billet steel
- CNC Machined for Accuracy & Finite Element Analysis Designed
- Micro Polished
- Gundrilled Main Optional
- Aero Designed Leading & Trailing Edges
- Ion - Plasma Nitride for Superior Journal Surface Hardness & Wear Resistance
- Aerodynamic Profiled Counterweights
- Lightening holes in all four rods to reduce rotational weight & reduce or eliminate the need for heavy metal to balance

Order Toll Free 1-800-467-2464
Private Label Engineering & Manufacturing

Do you have a product idea but no means to see it through production? Let Mittler Bros. help!

HydroShox are a recent example. The project started as a phone call and napkin sketch. The prototype was finished 8 weeks later! We’d love to work on YOUR idea!

ALL DESIGN AND DEVELOPMENT COMPLETED IN THE USA!

Order Online @ MITTLERBROS.COM
Mittler Bros. offers the following services:

- CNC Machining
- SolidWorks 3D Modeling
- Robotic Integration
- PLC Programming
- Hydraulic Design & Build
- Industrial Design & Build
- Electronic Control Design
- High Definition Plasma Cutting
- Certified Welding & Fabrication
- Paint & Blast

Give us a call at 636-745-7757 or e-mail sales@mittlerbros.com and let us help you with any project that you may have!
HydroShox
Combines the Adjustability of Hydraulics with the Damping of Coil Over Shocks

- Cylinder in Lowered Position
- Adjustable Ride Height
- Cylinder in Raised Position
- Coil-Springs
- Tuned Shock for Ride Control

12v Hydraulic Pump
Hydraulic Manifold
Hydraulic Fittings
Fluid Reservoir
Laser Engraved Switch Panel
Braided Stainless Steel Hydraulic Lines

Order Online @ MITTLERBROS.COM
HydroShox Kit Includes:
- (4) Hydroshox (specify 4”, 5” or two 4” and two 5” travel)
- (4) Coil Springs (specify your requested rate for front & rear, 350-2,000 lbs)
- (1) 12v hydraulic pump
- (1) Remote fluid reservoir
- (1) Billet hydraulic manifold with flow controls and solenoid valves
- (1) Switch panel with independent front and rear control
- (5) Quarts of hydraulic oil
- Switch panel with wiring harness
- DIY bulk stainless braided hose and all fittings
- Detailed Installation instructions

Hydroshox Kit w/ 4” Travel  Model 87400  $4,995.00
Hydroshox Kit w/ 5” Travel  Model 87500  $5,250.00
Hydroshox Kit w/ two 4” and two 5” Travel  Model 87450  $5,125.00

Order Toll Free 1-800-467-2464
Quarter Midget Shocks

VISION Series

Tanner by Mittle, with feedback from customers, has designed, developed and extensively tested our new Vision quarter midget shock. The Vision shock is the most universal, user friendly shock available and yields the fastest lap times. We have extracted the solid features from our Platinum 4 shock such as the NO LEAK seal, quick change spring feature, Titanium Nitride shaft coating, and added several additional PERFORMANCE driven features such as:

- 62% increased air/gas chamber
- Micro Tower shim support.
- PERIMETER FLOW pistons
- Sandvick shim stacks
- Lightest shock on the market

One of the most important shock characteristics not widely discussed is Hysteresis, which is the delay a shock sees when changing direction or reaches high shaft velocities. Typically a shock that does not change direction well will reduce grip. Reduced grip is simply slower lap times. The same holds true for a shock with high shaft velocities. At high shaft speeds the internal flow capabilities can cause a hydraulic lock as well. A Quarter Midget will see shaft speeds double of what you will see on a typical NASCAR race car or even a Sprint car and the Vision shock has addressed this SUCCESSFULLY.

The “Quad Flow” includes bias porting, radial channeling, and calibrated bleed. Quad Flow pistons draw fluid from the wall of the shock where the temperature is coolest reducing shock fade. The unique design provides flow characteristics that will allow for a linear, digressive or progressive valving curve.

<table>
<thead>
<tr>
<th>VISION Series</th>
<th>Quad Flow Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Standard</td>
</tr>
<tr>
<td>Standard</td>
<td>85550-3</td>
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<tr>
<td></td>
<td>85550-4</td>
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<tr>
<td></td>
<td>85550-5</td>
</tr>
<tr>
<td></td>
<td>85550-6</td>
</tr>
</tbody>
</table>

$199.00
Complete Shock w/ Coil Over Kit

$199.00
Complete Shock w/ Coil Over Kit

See Page 79
For Complete Spring Selection
Quarter Midget Shocks

**Quarter Midget Shocks**

**Generation 2**

- Calibrated Fluid to Gas/Air Chamber Balance
- Titanium Nitride Coated Shaft
- Pinch Style Spring Adjustment Collar
- Hybrid Shaft Seal
- User Revalveable/Rebuildable
- Custom Valving Available
- Maintenance Free Design
- Coil Kit Included with All Shocks
- Indexed Spring Cone
- Fine Thread Adjustment

**Platinum 4**

- High Flow Digressive Control Piston
- User Revalveable (No Piston Change Required)
- Pinch Style Spring Adjustment Collar
- Hybrid Shaft Seal
- Titanium Nitride Coated Shaft
- Custom Valving Available

*NO Leaks!*

**P4**

- 85540-3
- 85540-4
- 85540-5
- 85540-6

**P4 Split Valve**

- 85540-3/5
- 85540-4/6
- 85540-5/3
- 85540-6/4

**G2**

- 85510-2
- 85510-3
- 85510-4
- 85510-5
- 85510-6

**G2 Split Valve**

- 85510-3/5
- 85510-4/6
- 85510-5/3
- 85510-6/4

**Pricing**

- **$169.00**
  - Complete Shock w/ Coil Over Kit
- **$189.00**
  - Complete Shock w/ Coil Over Kit

**Order Information**

Order Toll Free 1-800-467-2464

**Graph**

Graph demonstrates the 4 most used shock curves in Motorsports; **Linear, Digressive, Progressive, and Linear/Digressive.**

**Legend**

- **Progressive**
- **Linear/Digressive**
- **Linear**
- **Digressive**

**Actual Force vs Velocity on a Roehrig Dynamometer**

Gas pressure has been removed.

**Coil Spring Mounting Kit Included With Each G2 / G3 Shock**
Shock Rebuilding

Shock Inflation Tool

Shock Rebuilding Tool Kit

Shock Inflation Tool Model 75590 $63.50

Shock Rebuild Drip Cup

Shock Rebuild Tool Kit Model 75594 $135.00

Shock Rebuild Drip Cup Model 75566 $27.00

Shock Inflation Tool

Rebuild Your Shocks With These Handy Tools

Shock Jaws
Fits All Tanner Shocks

Shock Jaws Model 75570 $33.00

Shock Jaws

Shock Vise

Shock Vise Model SV-1 $170.00

Shock Vise

Universal Shock Wrench
Fits All Tanner Shocks

Universal Shock Wrench Model 75575 $27.00

Shock Wrench

Shock Body Jaws
Fits All Tanner Shocks

Shock Body Jaws Model 75572 $24.00

Shock Body Jaws

Valve Core Tools

Deluxe Valve Core Tool

Deluxe Valve Core Tool Model 22460 $9.75

Deluxe Valve Core Tool

Shock Oil

Specially Formulated for Shock Applications

Pint Shock Oil
Fills 6 Shocks

Pint Shock Oil Model 75540 $9.75

Pint Shock Oil

Quart Shock Oil
Fills 12 Shocks

Quart Shock Oil Model 75545 $18.00

Quart Shock Oil

Order Online @ MITTLERBROS.COM
# Shock Service Parts

**Old Style**

- **G2 / G3 Rebuild Kit**
  - Model 85642  $13.00

- **P4 Carbon Shim Kit**
  - Model 85702  $65.00

- **Old Style G2 / G3 Rebuild Kit**
  - Built Prior to Jan. 2009

**New Style**

- **G2/G3/P4 Rebuild Kit**
  - Model 85742  $13.00

- **P4 Carbon Shim Kit**
  - Model 85702  $65.00

**Vision**

- **Rebuild Kit**
  - Model 85842  $13.00

**Vision Rebuild Kit**

- **Old Style G2 / G3 Master Rebuild Kit**
  - Model 85605  $91.50

- **G2/G3/P4 Master Rebuild Kit**
  - Model 85705  $91.50

- **Vision Master Rebuild Kit**
  - Model 85805  $91.50

  (Each Kit Rebuilds 8 Shocks)

**Vision Master Rebuild Kit**

- **P4 Shock Master Rebuild Kit**
  - Model 85705  $91.50

- **Vision Master Rebuild Kit**
  - Model 85805  $91.50

  (Each Kit Rebuilds 8 Shocks)

**Vision Master Valving Kit**

- **G2 / G3 Shock Master Valving Kit**
  - Model 85600  $285.00

- **Vision Shock Master Valving Kit**
  - Model 85800  $305.00

- **Quad Flow Shock Master Valving Kit**
  - Model 85900  $305.00

**G2 / G3 Carbon Shim Kit**

- Model 85602  $65.00

**Vision Shim Kit**

- Model 85802  $83.00

  (Each Kit Contains Shims To Completely Valve 4 Vision Shocks)

**Vision**

- **Sandvick Steel Shim Kit**
  - Model 85802  $83.00

- **Quad Flow**
  - **Sandvick Steel Shim Kit**
    - Model 85902  $83.00

  (Each Kit Contains Shims To Completely Valve 4 Vision Shocks)

---

Order Toll Free 1-800-467-2464
Shock Parts

**Evolution Of The Tanner Shock Piston**

- **G1 Piston**: 1999 - 2003
- **G2 Piston**: 2004 - Present
- **P4 Piston**: 2008 - Present
- **VISION Piston**: 2011 - Present
- **Quad Flow Piston**: 2014 - Present

### Description | Part # | Price
---|---|---
G2/G3 Control Piston | 8551-080 | $22.00
G2/G3 Control Piston Shim [split valve only] | 8551-082 | $3.50
G2/G3 Bleed Spacer | 8551-084 | $1.50
P4 Primary Shim | 8551-086 | $3.50
P4 Secondary Shim | 8551-087 | $1.50
G2/G3/P4 Separator Piston | 8551-090 | $4.50
Gas Fill Port | 8551-100 | $8.25
Spherical Bearing | 8551-120 | $9.25
3/4 Internal Snap Ring | 8551-130 | $2.00
G2/G3 Shaft Seal [Old Style U-Cup] | 8551-140 | $2.75

### Description | Part # | Price
---|---|---
New Style Shaft Seal | 8551-141 | $4.75
Bronze Bushing | 8551-150 | $2.75
#6 O-Ring [Bleed Screw] | 8551-180 | $1.00
Valve Core | 8551-210 | $1.25
Control Piston Band | 8551-220 | $3.25
Shaft Guide O-ring | 8551-230 | $1.25
G2/G3/P4 Separator Cap O-ring | 8551-240 | $1.25
G2/G3 AN Washers for control piston | 8551-250 | $1.00
Internal Shaft O-ring | 8551-270 | $1.25
G2/G3/P4 Separator Piston O-ring | 8551-280 | $1.25

### Shock Shafts

- **G2 / G3 Shock Shaft (2 Pack)**: Model 85610 $55.00
- **P4 / VISION Shock Shaft (2 Pack)**: Model 85710 $55.00

---

Order Online @ MITTLERBROS.COM
Quarter Midget Springs

Fits ALL Quarter Midget Shocks

All Springs are not created equal. Each rate of a HOT SPRING & RED HOT SPRING is custom designed to an optimized stress level. The optimized stress level creates a consistently quicker recovery allowing the tire to follow the back side of bumps and undulations promoting quicker lap times.

### 3 1/2” Red Hot Springs

<table>
<thead>
<tr>
<th>Lbs. Per Inch</th>
<th>Part #</th>
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</thead>
<tbody>
<tr>
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<td>753-75</td>
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<tr>
<td>80 #/in.</td>
<td>753-80</td>
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<tr>
<td>85 #/in.</td>
<td>753-85</td>
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<tr>
<td>90 #/in.</td>
<td>753-90</td>
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<tr>
<td>95 #/in.</td>
<td>753-95</td>
</tr>
<tr>
<td>100 #/in.</td>
<td>753-100</td>
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<tr>
<td>105 #/in.</td>
<td>753-105</td>
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<tr>
<td>110 #/in.</td>
<td>753-110</td>
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<tr>
<td>115 #/in.</td>
<td>753-115</td>
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<tr>
<td>120 #/in.</td>
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<td>125 #/in.</td>
<td>753-125</td>
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<tr>
<td>130 #/in.</td>
<td>753-130</td>
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<td>135 #/in.</td>
<td>753-135</td>
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<td>140 #/in.</td>
<td>753-140</td>
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<td>150 #/in.</td>
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<td>155 #/in.</td>
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### 5” Hot Springs

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<td>60 #/in.</td>
<td>752-60</td>
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<tr>
<td>65 #/in.</td>
<td>752-65</td>
</tr>
<tr>
<td>70 #/in.</td>
<td>752-70</td>
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<tr>
<td>75 #/in.</td>
<td>752-75</td>
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<tr>
<td>80 #/in.</td>
<td>752-80</td>
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<tr>
<td>85 #/in.</td>
<td>752-85</td>
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<tr>
<td>90 #/in.</td>
<td>752-90</td>
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<td>185 #/in.</td>
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### Springs

- Each Rate Has A Calibrated Wire Diameter
- CNC Wound With Optimum Pitch
- Open Pitch Design Yields Instant Recovery
- Precision Ground Closed Ends

Order Toll Free 1-800-467-2464
### Quarter Midget & Go Kart

#### Tach Mounting Brackets
- **Sendec Style Bracket**
- **Mychron Style Bracket**

<table>
<thead>
<tr>
<th>Bracket Type</th>
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<td>3/4&quot; Mychron</td>
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<td>$22.00</td>
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<tr>
<td>7/8&quot; Sendec</td>
<td>95915</td>
<td>$22.00</td>
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#### Exhaust Clamps
- Fits 3/4" to 7/8" Tubing
- **Sendec Style Bracket**
- **Mychron Style Bracket**

<table>
<thead>
<tr>
<th>Bracket Type</th>
<th>Model</th>
<th>Price</th>
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<tr>
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</tr>
<tr>
<td>Honda Exhaust</td>
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#### Engine Plates
- **Tapered Plate**
- **Hardware Included**

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<td>75055</td>
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#### Steering Shaft Mount
- **Adjustable**

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#### Steering Wheel
- **Quick Disconnect**

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#### Engine Starter Pull Strap

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#### Quarter Midget Axle Shafts
- **36" Long**
- **6061 T6 Aluminum**
- **Centerless Ground**
- **Keyed for Component Location**

<table>
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<tr>
<th>Model</th>
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#### Honda Linkage Kit
- **Slotted Cable Adj.**
- **Throttle Rod**
- **Throttle Stop**
- **Honda Cable**
- **Deco Cable**

<table>
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### Chassis Alignment Bars
- **Front Alignment Bar**
- **Rear Alignment Bar**

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<th>Model</th>
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<td>75105</td>
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<tr>
<td>75110</td>
<td>$91.50</td>
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</table>
Chassis Dyno

Small car chassis dyno is designed for up to 20 hp. testing of go-karts, quarter midgets, Mini Cup & Bandolero cars. The portable design makes race track set up & use a breeze. Troubleshoot your issues without burning up limited practice time. Car can be set up & performing dyno tests in minutes.

Quarter Midget / Mini Cup / Go-Kart / Bandolero D3 Chassis Dyno 60"...Model 99500...$3,650.00

Order Toll Free 1-800-467-2464
Ultimate Wireless Radio Frequency Scales

Scale system is in use by top NASCAR Sprint Cup, Xfinity and Camping World Truck Series Teams. No matter what form of motorsports you participate in, the ULTIMATE Wireless RF Scale system will make your job easier and more accurate. Just imagine being able to walk around your race vehicle not tripping over cables and getting all the information you need on the palm sized control panel. All weights and percentages can be displayed on the 5-1/4” x 7-1/2” control.

1” Tall Wireless Scales

Model 50550  $2,750.00

- Four 1” Tall 15” x 15” Scale Pads
- 5.7” LCD Touch Screen Display With Carrying Case
- Same Great Features As Our Ultimate RF Scales

1” Tall Wired Scales With Roll Back Trays     Model 50345     $2,825.00

Billet Roll Back Trays For 1” Scales Only    Model 52430    $945.00

These Scales Are Half The Weight Of A Standard Scale & 2x The Strength

Billet Roll Back Trays For 1” Scales

- 60% Less Deflection
- No More Torsional Twist
- Easy to Carry, Store & Use
- Includes Four Billet Roll Back Trays
- Aircraft Billet Roll Back Trays

1” Tall Wireless Scales With Roll Back Trays Model 50555  $3,595.00
1” Tall Wired Scales With Roll Back Trays Model 50345  $2,825.00
Billet Roll Back Trays For 1” Scales Only Model 52430  $945.00

Scales Not Included

Order Online @ MITTLERBROS.COM
NEW 1” Tall RaceScales

1” Tall Wired Scales
Model 50340 $1,995.00
- Four 1” Tall 15” x 15” Scale Pads
- Digital Display With Carrying Case
- Same Great Features As Our Deluxe Scales

USB Style Connectors

Wireless Ultimate RF Scales 15” Pads
Model 50520 $2,150.00
- Permanent Mold design yields stronger parts
- Smooth Top for Easy Camber Rollout
- Built In Handles
- Full 225 Square Inch Surface Area
- Lightweight Design
- Internal Rib Design Reduces Deflection

Wireless Ultimate RaceScales Jr. 10” Pads

Applications
- Go-Kart
- Quarter Midget
- Mini Cup
- TQ/Micro
- Formula SAE
- Bandolero
- Arena Cup
- Quads

The Wireless Ultimate RF 10” Scales are designed to accommodate vehicles under 1000 pounds. The same technology used in the ULTIMATE Wireless RaceScales is utilized to deliver a high quality small car system at an affordable price.

Wireless Ultimate RaceScales Jr. 10” Pads Model 50220 $2,025.00

Order Toll Free 1-800-467-2464
RaceScales

RaceScales Jr. 10” Pads

• 10” x 10” CNC Billet Aluminum Pads
• 250 Lbs. Per Pad Capacity
• 9’ Heavy Duty Flexible Cables
• Lbs. or Kg Selectable
• Displays All Weights and Percentages
• Zero All Pads at Once or Individually
• 40 Hr. Battery Life (rechargeable)
• 1 Year Warranty
• 1/10th Pound Resolution

RaceScale Jr.’s are the perfect choice in weighing vehicles 1000 pounds and under reading in 1/10th pound resolution. New Deluxe Software allows user to calculate center of gravity and store setups. Control Module operates up to 40 hours on internal battery and has instant “ON” feature with supplied power adapter. Conditioned Software updating provides stable readings with quick updates when chassis adjustments are made.

RaceScale Jr. 10” CNC Pads (with case)  Model 50210  $1,150.00

Standard RaceScales

• 15” x 15” Pads
• 1500 lbs. Per Pad Capacity
• 18’ Heavy Duty Flexible Cables
• Strongest Pads in the Industry
• Lbs. or Kg Selectable
• Displays All Weights and Percentages
• Displays all Information at Once
• Zero All Pads at Once or Individually
• 40 Hr. Battery Life (rechargeable)
• 1 Year Warranty

The only thing economical about these scales is the price! They use many of the same high quality components as our Deluxe systems.

Standard RaceScales w/ 15” Pads  Model 50250  $1,125.00
Poly Storage Case  Model 53660  $49.50

Order Online @ MITTLERBROS.COM
RaceScales

Deluxe RaceScales

- 1500 lb Per Wheel Capacity
- 15” x 15” Permanent Mold Platforms
- Custom Matched Load Cells
- Stainless Push-lock Connectors
- Gold Plated Contacts
- One Touch Functions
- Selectable Display format
- Memory Storage
- Center of Gravity Calculation
- Fuel Mileage Calculation
- 18’ Heavy Duty Flexible Cables
- Displays All Weights and Percentages
- Lbs. or Kg Selectable
- Zero All Pads at Once or Individually
- 40 Hr. Battery Life (rechargeable)
- 1 Year Warranty

An ideal system for NASCAR, SCCA, IRL, USAC, and Other Professional Teams who demand the best. Deluxe RaceScales were developed for the racer by the racer using today’s leading edge technology.

**Deluxe RaceScales w/ 15” Pads (with case)**  
Model 50300  $1,495.00

**Deluxe RaceScales w/ 15” Pads & Scale Cart**  
Model 50310  $1,975.00

Aircraft Scales

- 15” x 15” Cast Aluminum Pads
- 1500 Lbs. Per Pad Capacity
- Reads to 1 Lb. / 1/10% Accurate
- Displays All Weights and Percentages
- Displays All Information at Once
- Lbs. or Kg Selectable
- Zero All Pads at Once or Individually
- 40 Hr. Battery Life (rechargeable)
- 1 Year Warranty
- 18’ Heavy Duty Flexible Cables

Deluxe Aircraft Scales include custom length cables with Deluxe Stainless Steel connectors and software to calculate center of gravity height. Used by Experimental Aircraft builders with great success.

**Aircraft Scale Set (with case)**  
Model 50297  $1,375.00

**Certification Available**  
$275.00

Order Toll Free 1-800-467-2464
Scale Accessories

Roll Back Tray

- 15" Long Roll Back Area
- Roll off/Roll on Reduces Suspension Binding
- Promotes Accurate Readings
- Works with Wired or Wireless Systems

Rollback Set Of 4 w/ Steel Feet  Model 52421  $1,050.00

Leveling Foot

Steel Leveling Foot  Model 52426  $13.00

Replacement Cables

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<td>USB Cable</td>
<td>53680</td>
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Control Box & Cable Storage Case

- Light Weight Double Wall Poly Design
- Protects Your Valuable Investment

Poly Storage Case  Model 53660  $49.50

Portable Aluminum Scale Cart

- Ships UPS
- Rolls Easily
- All Aluminum
- Control Box Fits in Top
- Extra Storage For Turning Plates
- Pad Shelves Angled Down in Back for Stability

Scale Cart  Model 52300  $585.00

10” Elephant Stands

- 10” Tall
- Aluminum Construction
- Wheel Stops Included

10” Stands / Qty 4  Model 52400  $525.00

Control Box Charger / Battery

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Order Online @ MITTLERBROS.COM
Leveling

Laser Leveling Kit

- CNC Machined Targets & Swivel Laser Base
- Laser Etched Scale Won’t Wear Off
- Fitted Carrying Case
- Absolute Must for Leveling Your Scales

Smart Tool Digital Level

- Great for Setting Suspension Link Angles
- Reads Degrees, % Slope & Pitch
- Fits Levels Listed Below (See Page 9)

Smart Tool Digital Level
Model 1800
$140.00

Complete Laser Leveling Kit
Model 52500
$285.00

Chassis Set-Up Fixture

- Portable Design for Easy Set-Up & Storage
- Custom Built To Your Wheel Base
- All Aluminum Construction
- Adjustable Tread Width
- Fits all 15" Scale Systems
- 12 Leveling Feet

Bandolero/Legend Car Chassis Set-Up Fixture
Model 51350
$1,995.00

Leveling Foot Detail

Chassis Set-Up Fixture
Model 51300
$2,125.00

Specify Wheel Base & Tread Width When Ordering

Order Toll Free 1-800-467-2464
Ultimate Pull Down Rig

Benefits
• Perform Accurate Bump Stop or Coil Bind Setups
• Align Springs to Maximize Travel
• Travel and Evaluate Chassis Over Full Motion Range
• Study Bump Steer & Camber changes over the full suspension motion range
• Evaluate corner weight effects of sway bar changes
• Help Substitute for Testing Bans and Much More

Features
• Fully Self Contained & Computer Controlled
• Laptop Included With Data Acquisition Software Loaded
• Exports Data To Excel & Pi Toolbox
• Pull The Vehicle Down Or Push The Wheels Up
• Pull/Push to Distance or Wheel Load
• Extremely Rigid Frame For Minimum Deflection
• Built In Lighting Under Vehicle
• 3 Finger Scales Reading Outer, Center and Inner Loads
• Built In Heavy Duty Turn Plates
• Table Tilts For Easy Loading
• Installation And Basic Training Included
• Servo Valves

Options
• Run Recall Software
• Sway Bar Load Measurements
• Bump Stop Load Measurements
• Pi Toolbox Data Export

Wheel Load vs. Travel
Rigid Frame Mounts
No Bind Chassis Hook Up
Shock Sensor
Bump Steer / Camber

New

Optional Run Recall Software

Order Online @ MITTLERBROS.COM
Ultimate Pull Down Rig
Used by Winning Race Teams From Coast to Coast

All Rig Functions Controlled From The Proprietary User Interface

The Standard of the Industry
with over 40 Installed Machines!

Quality, more features than expected, and very user friendly are just a few of the comments customers share regarding their ULTIMATE PDR. The ULTIMATE PDR is rapidly becoming the standard for NASCAR and Short Track Teams.

See Demo at www.mittlerbros.com

Order Toll Free 1-800-467-2464
Tire Gauges

Deluxe Tire Gauges

- 2-1/2" Face
- Quick Air Release
- Protective Bumper
- 45° Swivel Chuck
- Industry Standard For Years

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<td>20160</td>
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Night Bright Tire Gauges

Electroluminescent Internal Lighting!

The Best Gauge For Day And NIGHT!

- Easy to Read
- Quick Air Release
- Protective Bumper
- Storage Case Included
- Excellent Night Viewing
- 45° Swivel Chuck
- Large 4" Diameter Illuminated Face
- Internal Battery Virtually Lasts Forever

<table>
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Monster Tire Gauges

2-1/2" Glow In The Dark

- Excellent Night Viewing
- Quick Air Release
- Face Glows for Hours
- Protective Bumper
- 45° Swivel Chuck
- 2-1/2" Diameter Easy to Read Face

<table>
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</table>

- Large 4" Face
- Easy to Read
- Shock Proof Bumper
- Storage Case Included
- Deluxe Handle with Release

<table>
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<td>20460</td>
<td>$72.75</td>
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Order Online @ MITTLERBROS.COM
Set-up Equipment

Digital Tread Depth Gauge
- High Quality Mitutoyo Gauge
- Anodized 4 Point Foot w/ Sight Hole
- Form Fitted case
- Zeroing Block

![Digital Tread Depth Gauge](image)

Model 21600
$365.00

Nitro Dryer

Reduces Moisture Going Into The Tires Which Helps Avoid Pressure Build-Up
- Lightweight Design
- Rechargeable Cartridge
- Easy In-Line Hook-Up
- All Aluminum Construction

<table>
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<td>Replacement Cartridge</td>
<td>20905</td>
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Stagger Tapes
- Lightweight & Portable
- Measure Tires Quickly
- Flexible & Easy to Read
- 10' Long

<table>
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Staggerite Tire Caliper
- Round Stationary Arm Keeps Measurement Accurate
- Laser Etched Markings
- 55" to 102" Circumference

![Staggerite Tire Caliper](image)

Model 22120
$175.00

Stagger Roller
- Measure Tires Quickly
- Lightweight
- Easy To Store
- All Aluminum

![Stagger Roller](image)

Model 22130
$68.50

Order Toll Free 1-800-467-2464
**Set-up Equipment**

**EZ Sweep Caster Slip Plates**

A unique design in Caster Slip Plates

- 15° or 20° Sweep
- No Grease or Bearings
- Roll on/off, No jack required
- PTFE Impregnated Slip Barrier
- Low Profile (3/16” Total Height)
- Ultra Durable Stainless Steel Base

![Image of EZ Sweep Caster Slip Plates](image)

15° Model 57115
20° Model 57120

$295.00 Per Set

**Turn Plates**

- Great For Checking Ackermann
- Low Profile Design, 1” High
- Aluminum Construction
- Quick & Accurate
- 25° Rotation

Model 57200

$650.00 Per Set

Order Online @ MITTLERBROS.COM
Set-up Equipment

Caster / Camber Gauge
Showed With 57320 Magnetic Adapter and Included Case

- 4° to 12° Caster
- Custom Fitted Case
- 6° Positive / Negative Camber
- Use With or Without Turning Plates
- Stepped Design Keeps All Vials on Spindle CL
- Separate Pos. / Neg. Vials for Accurate Readings

<table>
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<th>Description</th>
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<tr>
<td>Gauge &amp; 14mm Adapter</td>
<td>57490</td>
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Digital Camber Gauge

Check & set your Camber quickly and easily with this Digital Tool. Reads in 1/10 Degree Resolution and uses standard Caster / Camber Gauge adapters. Ships with 57320 Magnetic Adapter. Smart Tool Included. Order other Adapters Separately.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
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<tbody>
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<tr>
<td>Digital Camber Gauge Mount w/ 57320 Adapter</td>
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<td>$97.50</td>
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</tbody>
</table>

Caster / Camber Adapters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>Magnetic Adapter</td>
<td>57320</td>
<td>$68.00</td>
</tr>
<tr>
<td>Ford Adapter (3/4-16)</td>
<td>57330</td>
<td>$44.00</td>
</tr>
<tr>
<td>Wide 5 Adapter (1 13/16-16)</td>
<td>57340</td>
<td>$56.50</td>
</tr>
<tr>
<td>SCP Adapter (27/32-20)</td>
<td>57350</td>
<td>$44.00</td>
</tr>
<tr>
<td>GM Adapter (3/4-20)</td>
<td>57360</td>
<td>$44.00</td>
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<tr>
<td>Bandolero Adapter (18mm x 1.5)</td>
<td>57370</td>
<td>$44.00</td>
</tr>
<tr>
<td>5/8&quot; Adapter (5/8-18)</td>
<td>57380</td>
<td>$44.00</td>
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<tr>
<td>14mm Adapter (14mm x 1.5)</td>
<td>57390</td>
<td>$44.00</td>
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</table>

Toe Plate Kit

Kit Includes (2) Toe Plates & (2) Precision Tape Measures

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toe Plate Kit</td>
<td>Model 56200</td>
<td>$75.50</td>
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Valve Core Tools

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>4-Way Valve Core Tool</td>
<td>Model 22450</td>
<td>$8.00</td>
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<tr>
<td>Deluxe Valve Core Tool</td>
<td>Model 22460</td>
<td>$9.75</td>
</tr>
<tr>
<td>Deluxe Valve Core Tool w/ 10 Cores</td>
<td>Model 22470</td>
<td>$13.50</td>
</tr>
</tbody>
</table>

Order Toll Free 1-800-467-2464
Adjustment Tools

A-Arm Shims

- Fits 6” A-Arm Centers
- Kit Contains 1 Each: 1/16, 1/8, 1/4” and 3/8”
- Staggered Tabs Allow For Quick & Easy Changes
- Laser Etched Markings For Easy Size Identification

<table>
<thead>
<tr>
<th>Standard Camber Shim Kit</th>
<th>Model 40600</th>
<th>$36.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” Camber Shim</td>
<td>Model 40610</td>
<td>$13.50</td>
</tr>
<tr>
<td>3/4” Camber Shim</td>
<td>Model 40615</td>
<td>$15.00</td>
</tr>
<tr>
<td>1” Camber Shim</td>
<td>Model 40620</td>
<td>$16.00</td>
</tr>
</tbody>
</table>

Lowering Blocks

- Fits 6” A-Arm Centers
- Kit Contains 1 Each: 1/16, 1/8, 1/4” and 3/8”
- Staggered Tabs Allow For Quick & Easy Changes
- Laser Etched Markings For Easy Size Identification

<table>
<thead>
<tr>
<th>1/2” Lowering Block</th>
<th>Model 40405</th>
<th>$32.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” Lowering Block</td>
<td>Model 40410</td>
<td>$33.50</td>
</tr>
<tr>
<td>1-1/2” Lowering Block</td>
<td>Model 40415</td>
<td>$34.00</td>
</tr>
<tr>
<td>1°, 1/2” Lowering Block</td>
<td>Model 40550-1</td>
<td>$27.00</td>
</tr>
<tr>
<td>1-1/2°, 1/2” Lowering Block</td>
<td>Model 40550-15</td>
<td>$27.00</td>
</tr>
<tr>
<td>2°, 1/2” Lowering Block</td>
<td>Model 40550-20</td>
<td>$27.00</td>
</tr>
</tbody>
</table>

Jack Bolt Clamps

- Fits 6” A-Arm Centers
- Kit Contains 1 Each: 1/16, 1/8, 1/4” and 3/8”
- Staggered Tabs Allow For Quick & Easy Changes
- Laser Etched Markings For Easy Size Identification

<table>
<thead>
<tr>
<th>Standard Right Clamp</th>
<th>Model 90600</th>
<th>$33.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tapered Right Clamp</td>
<td>Model 90601</td>
<td>$33.00</td>
</tr>
<tr>
<td>Standard Left Clamp</td>
<td>Model 90610</td>
<td>$33.00</td>
</tr>
<tr>
<td>Tapered Left Clamp</td>
<td>Model 90611</td>
<td>$33.00</td>
</tr>
</tbody>
</table>

Universal Shims

- Fits 5-1/2” & 6” A-Arm Centers
- Kit Contains 1 Each: 1/16, 1/8, 1/4”, and 3/8”

Universal Camber Shim Kit Model 40650 $36.50

Pinion Shims

- Fits 6” A-Arm Centers
- Kit Contains 1 Each: 1/16, 1/8, 1/4”, and 3/8”

1° Pinion Shim Model 40510 $23.00
1-1/2° Pinion Shim Model 40515 $23.00
2° Pinion Shim Model 40520 $23.00
1° Pinion Shim Model 40430-050 $28.25
1-1/2° Pinion Shim Model 40430-100 $28.25
2° Pinion Shim Model 40430-200 $28.25
2-1/2° Pinion Shim Model 40430-250 $28.25
3° Pinion Shim Model 40430-300 $28.75
3-1/2° Pinion Shim Model 40430-350 $28.75
4° Pinion Shim Model 40430-400 $28.75
4-1/2° Pinion Shim Model 40430-450 $28.75
5° Pinion Shim Model 40430-500 $28.75

Spring Rubbers

- Fine Tuning At Its Best
- Inserts Quickly
- Increase Spring Rate Instantly
- Urethane Material Never Hardens
- Color Coded For Easy Reference

<table>
<thead>
<tr>
<th>Soft Spring Rubber</th>
<th>Model 41510</th>
<th>$52.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium Spring Rubber</td>
<td>Model 41515</td>
<td>$52.50</td>
</tr>
<tr>
<td>Firm Spring Rubber</td>
<td>Model 41520</td>
<td>$52.50</td>
</tr>
</tbody>
</table>

Order Online @ MITTLERBROS.COM
Bump Steer Tools

One Step Bump Steer Gauge

- Adjusts To Any Height
- Lightweight & Portable
- Measures 6” of Travel
- Comes With 2 Dial Indicators
- Fits 5 x 5 and Standard Wide 5 Hubs
- Works at Ride Height or on Jack Stands

Bump Steer Gauge

- Only One Indicator Needed
- Fits 5x5, 5x4-3/4 & 5x4-1/2
- Compact Portable Design
- Ideal For Shop or Track Use
- Precision Machined Aluminum Wheel Plate

<table>
<thead>
<tr>
<th>One Step Bump Steer Gauge</th>
<th>Model 1200-BSG</th>
<th>$395.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Super “TRICK” Digital Dial Indicator</td>
<td>Model 1200-504</td>
<td>$210.00</td>
</tr>
</tbody>
</table>

TECH NOTE

Front end geometry is one of the most important aspects of proper race car set-up. BUMP STEER is a major key to correct geometry. Incorrect BUMP STEER will allow the tires to turn on their own as the suspension travels up and down. A car with proper BUMP STEER will have faster and more consistent lap times. Today’s coil bind and bump stop set-ups make BUMP STEER settings more critical than ever.

Accu-lign

- Excellent suspension adjustment access
- High accuracy - no wheel run out errors
- Precise rolling radius/corner weight control
- Precise leveling with floor tiles or laser
- Billet aluminum, CNC milled for high accuracy

- Includes 4 wheel plates
- Available for any hub pattern including centerlocks
- Raises vehicle approx +5” for easy access
- DIY super accurate water level using home center PVC pipe
- Specify Bolt Pattern(s) When Ordering

The Accu-Lign is a revolutionary alignment system that solves suspension access problems, eliminates roll on pads and ramps and improves alignment accuracy.

Complete Accu-Lign System  (Starting at) $825.00

Order Toll Free 1-800-467-2464
Bump Stop Adjuster

Model 56160  $415.00

The remote adjustable bump stop perch is a new innovative method that makes racing with bump stops EASY! No more plastic shims to fracture or be forced out.

- Total lift of 1/2”
- Compact remote ram
- 2-1/2” Spring register
- Fits all coil over shocks
- Hard anodized Aircraft aluminum
- Light weight Kevlar transfer lines
- Direct replacement for lower spring perch
- Cuts time of tuning your bump stops by 75%
- Each turn of remote raises or lowers bump stop 1/8”
- Can be mounted in reach of the driver where rules allow or under the hood for easy access

Pyrometers

Digital Tire Pyrometers

- Reliable Type “K” Thermocouple
- Convenient Coiled Cord
- Foam Lined Carrying Case
- 1/4 of 1% Accuracy
- Operates on 9 Volt Battery

<table>
<thead>
<tr>
<th>Digital Pyrometer w/ Case</th>
<th>Model 21100</th>
<th>$185.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Pyrometer w/o Case</td>
<td>Model 21000</td>
<td>$175.00</td>
</tr>
</tbody>
</table>

Replacement Storage Case

Model 53666  $29.00

Digital Infrared Pyrometers

- Use for Tires, Headers, Interior Hot Spots or Track Temps
- Temps at the Touch of a Finger
- Ranges From 0-750° Fahrenheit
- Laser Beam for Pin Point Accuracy

Mini Infrared w/Laser

Model 21511  $125.00

Replacement Tire Probe

- Racing Tire Probe
- Fast Updates
- Strong Tip

Replacement Probe

Model 21050  $69.00

Quick release dry break allows for instant shock removal. Makes for a user friendly spring or bump stop changes.

Vibration resistant remote ram raises or lowers bump stops 1/8” per turn.
Robic Stopwatches

- Times up to 3 competitors at once, up to 450 memory recall.
- Customize to use as a Start timer simultaneously or separately.
- 150 memory recall of each timer.
- Professional stopwatch with 150 memory recall for each of up to three (3) separate chronographs.
- Average, Fastest and Slowest lap time, number and speed.
- Water Resistant to 30 meters.

- Multi-mode Stopwatch - Lap, Split, or Dual Split timing modes.
- 50 dual memory recall of previous readings in ascending or descending order.
- 1/100 second resolution up to 24 hours.
- Automatically counts up to 1000 readings.
- Multi-mode countdown timer - stop, auto-repeat or count-up modes.
- 1/10 second resolution during countdown.
- Preset time values from one second to 24 hours.
- Completion alarm at conclusion of Countdown time.
- Shows current lap and split running times.
- Water Resistant to 30 meters.

SC 505W Lap Memory
Model 25100 $28.25

SC-606W 50 Memory
Model 25120 $40.75

SC 848W 300 Dual Memory
Model 25180 $62.50

Switch Panels

Standard Switch Panels

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30500</td>
<td>Starter Button &amp; Ign.</td>
<td>$32.50</td>
</tr>
<tr>
<td>30510</td>
<td>Starter Button, Ign. &amp; Light</td>
<td>$41.50</td>
</tr>
<tr>
<td>30520</td>
<td>Starter Button, Ign. &amp; 1 Acc.</td>
<td>$57.00</td>
</tr>
<tr>
<td>30530</td>
<td>Starter Button, Ign. &amp; 2 Acc.</td>
<td>$71.00</td>
</tr>
<tr>
<td>30540</td>
<td>Starter Button, Ign. &amp; 3 Acc.</td>
<td>$82.50</td>
</tr>
<tr>
<td>30550</td>
<td>Starter Button, Ign. &amp; 3 Acc. w/ Light</td>
<td>$93.00</td>
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</tbody>
</table>

Specify Color When Ordering: RED, BLUE or BLACK

Deluxe Switch Panels

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30600</td>
<td>Starter Button &amp; Ign.</td>
<td>$44.50</td>
</tr>
<tr>
<td>30610</td>
<td>Starter Button, Ign. &amp; 1 Acc.</td>
<td>$57.00</td>
</tr>
<tr>
<td>30620</td>
<td>Starter Button, Ign. &amp; 2 Acc.</td>
<td>$68.00</td>
</tr>
<tr>
<td>30630</td>
<td>Starter Button, Ign. &amp; 3 Acc.</td>
<td>$80.00</td>
</tr>
<tr>
<td>30640</td>
<td>Starter Button, Ign. &amp; 3 Acc. w/ Light</td>
<td>$82.50</td>
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Switches / Electrical

Aircraft Safety Cover

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>33020</td>
<td>Safety Cover</td>
<td>$16.50</td>
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</table>

Aluminum Switch Handle Extensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>33060</td>
<td>2&quot; Extension (pair)</td>
<td>$11.50</td>
</tr>
<tr>
<td>33070</td>
<td>3&quot; Extension (pair)</td>
<td>$12.50</td>
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Ignition Switch

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>33100</td>
<td>Ignition Switch w/ Weather Proof Cover</td>
<td>$12.00</td>
</tr>
<tr>
<td>33130</td>
<td>Start / Ignition Switch</td>
<td>$17.00</td>
</tr>
</tbody>
</table>

Weather Proof Switch Cover

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>33040</td>
<td>$4.50</td>
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Push Button Starter Switch

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>33150</td>
<td>$12.50</td>
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</table>
**Misc. Accessories**

**Shifter Boot Kit**

<table>
<thead>
<tr>
<th>Boot Kit</th>
<th>Model</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Shift Boot Kit</td>
<td>40810</td>
<td>$88.50</td>
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<tr>
<td>Shift Boot Only</td>
<td>40812</td>
<td>$65.50</td>
</tr>
<tr>
<td>Frame Only</td>
<td>40814</td>
<td>$27.50</td>
</tr>
</tbody>
</table>

Drawstring for Easy Changes
Includes: Boot, Frame & Rivets

**Frame / Cage Gussets**

Stronger Than Flat Gussets
Fit 1-1/2” to 1-3/4” Tube
No Trimming Required

<table>
<thead>
<tr>
<th>Gussets</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Pack</td>
<td>40310</td>
<td>$22.50</td>
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<tr>
<td>25 Pack</td>
<td>40312</td>
<td>$52.50</td>
</tr>
<tr>
<td>100 Pack</td>
<td>40314</td>
<td>$210.00</td>
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</tbody>
</table>

**Super Sockets**

All Super Sockets Are Precision CNC Machined From Heat Treated Steel And Are Space Age Coated. No Springs Are Needed.

<table>
<thead>
<tr>
<th>Socket</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kryptonite 2-1/4” Short</td>
<td>600-002-KS</td>
<td>$83.00</td>
</tr>
<tr>
<td>Kryptonite 3-1/4” Long</td>
<td>600-001-KL</td>
<td>$93.50</td>
</tr>
<tr>
<td>Original 2-1/4” Short</td>
<td>600-002-S</td>
<td>$56.00</td>
</tr>
<tr>
<td>Original 3-1/4” Long</td>
<td>600-001-L</td>
<td>$61.00</td>
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</table>

**Safety Wire & Pliers**

<table>
<thead>
<tr>
<th>Wire &amp; Pliers</th>
<th>Model</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>9” Safety Wire Pliers</td>
<td>MB-TP68SR</td>
<td>$28.00</td>
</tr>
<tr>
<td>9” Milbar Safety Wire Pliers</td>
<td>MB-TP68R</td>
<td>$84.00</td>
</tr>
<tr>
<td>Safety Wire .020”</td>
<td>MB-TP67</td>
<td>$15.50</td>
</tr>
<tr>
<td>Safety Wire .032”</td>
<td>MB-TP65</td>
<td>$14.50</td>
</tr>
<tr>
<td>Safety Wire .041”</td>
<td>MB-TP66</td>
<td>$14.50</td>
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</tbody>
</table>

**Header Wrap**

Available in: BLACK & NATURAL

<table>
<thead>
<tr>
<th>Roll</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” x 12’ Roll (N)</td>
<td>66012</td>
<td>$12.50</td>
</tr>
<tr>
<td>2” x 25’ Roll (N)</td>
<td>66025</td>
<td>$28.50</td>
</tr>
<tr>
<td>2” x 50’ Roll</td>
<td>66050</td>
<td>$40.00</td>
</tr>
<tr>
<td>2” x 100’ Roll</td>
<td>66100</td>
<td>$74.00</td>
</tr>
</tbody>
</table>

Specify Color When Ordering: BLACK or NATURAL

**Frame Height Gauges**

- Laser Etched
- Easy To Grip
- Solid Aluminum Construction

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3/4” to 3-3/8”</td>
<td>56010</td>
</tr>
<tr>
<td>3-1/2” to 4-3/4”</td>
<td>56020</td>
</tr>
<tr>
<td>4” to 7-3/8”</td>
<td>56030</td>
</tr>
</tbody>
</table>

**Plumb Bob Kit**

Inexpensive Method to Square a Race Car
Includes 2 Plumb Bobs & 16’ of String

**Air Rivet Gun**

Order Online @ MITTLERBROS.COM
FAST-AN® Wrench Tool System

FAST-AN wrenches are unique in that one ergonomic handle holds the wrench heads, from sizes -6 to -16. A robust latch mechanism allows for smooth and quick head changes.

All components are made in the USA, precision CNC machined from 7075-T6 aluminum; nearly double the strength of standard 6061-T6 material. This combined with the Type III hard-coat finish ensures that the tool will maintain a superior fit and finish throughout its long life.

A sampling of Wrench/Tool end options will include, but are not limited to,

- Aluminum AN Wrench options with different angled heads, different lengths
- Aluminum AN wrench ends with Nylon/Delrin jaw lining for non-marring applications
- Steel "Bonney" Style wrench sizes
- Steel and Aluminum Spanner wrenches

<table>
<thead>
<tr>
<th>AN Wrenches</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3 thru -10 Wrench Set</td>
<td>62100</td>
<td>$94.50</td>
</tr>
<tr>
<td>-6 thru -16 Wrench Set</td>
<td>62200</td>
<td>$110.00</td>
</tr>
<tr>
<td>-3 thru -20 Wrench Set</td>
<td>62300</td>
<td>$175.00</td>
</tr>
<tr>
<td>-3 Single Wrench (7/16&quot;)</td>
<td>62003</td>
<td>$24.50</td>
</tr>
<tr>
<td>-4 Single Wrench (9/16&quot;)</td>
<td>62004</td>
<td>$24.50</td>
</tr>
<tr>
<td>-6 Single Wrench (11/16&quot;)</td>
<td>62006</td>
<td>$24.50</td>
</tr>
<tr>
<td>-8 Single Wrench (7/8&quot;)</td>
<td>62008</td>
<td>$24.50</td>
</tr>
<tr>
<td>-10 Single Wrench (1&quot;)</td>
<td>62010</td>
<td>$26.50</td>
</tr>
<tr>
<td>-12 Single Wrench (1-1/4&quot;)</td>
<td>62012</td>
<td>$29.50</td>
</tr>
<tr>
<td>-16 Single Wrench (1-1/2&quot;)</td>
<td>62016</td>
<td>$29.50</td>
</tr>
<tr>
<td>-20 Single Wrench (1-13/16&quot;)</td>
<td>62020</td>
<td>$33.00</td>
</tr>
</tbody>
</table>

Order Toll Free 1-800-467-2464
B-G Racing Road Racing Equipment
Mittler Bros. is the exclusive North American Distributor for B-G Racing!

String Line Kits

Pit Boards

Tire & Pit Carts

Order Online @ MITTLERBROS.COM
B-G Racing Road Racing Equipment

Chassis Stands

Work Stations

Digital Camber Guages

Quick Lift Jacks

Visit MittlerBros.com for a full product list or request a supplementary B-G Racing catalog!

Order Toll Free 1-800-467-2464
Customer Projects

Orange County Choppers and Paul Jr. Designs

Finnegan’s Garage

Delmo’s Speed

Meyer Aircraft Company

MRC Fabrication

True Metal Shaping

Andy McCoy Race Cars

Steve Nielsen Art

Order Online @ MITTLERBROS.COM
Mittler Brothers TEAM RECOGNITION

Our Greatest Strength over the 38 Years of Innovation is our long term Team Members. Without their Loyalty, Dedication, & Skill none of these products would be possible. Thank You for All You Have Done.

Greg Klemme 38 Years  Jeremy Wortmann 23 Years
Mike Heinrich 34 Years  Matt Hillmann 20 Years
Pam Beckham 33 Years  Kenny Hiatte 19 Years
Jim Heinrich 31 Years  Leroy Haney 19 Years
Cindy Snyder 31 Years  Joe Belaska 15 Years
Bobby Smith 30 Years  Gay Hurt 14 Years
Todd Mandernach 28 Years  Mitch Fahlman 14 Years
Ray Sauer, Jr. 27 Years  Nathan Gardner 13 Years
Shannon Heinrich 27 Years  Tom Smith 11 Years
Tom Melton 25 Years
Mark Gust 24 Years
Brian Springmeier 24 Years
Dave Dodge 23 Years

Terms & Conditions of Sale

All orders shipped C.O.D. must be paid by money order or certified check only! If a C.O.D. delivery is refused we will require full prepayment on all future orders. Company check acceptance must be pre-approved. No C.O.D. orders will be shipped outside the continental United States. Prepayment will save you the C.O.D. fees. Prepayment can be made by money order, wire transfer, certified check, American Express, Discover, Master Card, PayPal or Visa. Payments made with a personal check, or any non-approved business check will delay your order a minimum of ten (10) working days until the check has cleared our bank.

Prices

Every effort possible will be made to hold published prices, however all prices are subject to change without notice! We cannot accept responsibility for errors in content or pricing.

Returns

No merchandise will be accepted for return without prior authorization! All returns must be in like new condition and in original packaging with a copy of the invoice. Special orders are not returnable! All return shipments must be prepaid. Shipping charges are not refundable. A 15% restocking charge will be applied to all returns. No returns accepted after 30 days of invoice date.

Special Orders

All special orders must be 100% prepaid! All special orders are Nonreturnable and Nonrefundable!

Outside the Continental United States

All orders must be prepaid in U.S. dollars. No C.O.D. orders will be shipped outside the continental United States. Wire transfers, credit card payment or PayPal are accepted. Freight charges must be prepaid. Please call for freight charges. Any additional taxes, duty or tariff charges will be the responsibility of the purchaser. Crating fees may apply to foreign orders.

Truck Freight

All merchandise shipped by truck must be paid in full before order can be shipped. Payment by credit card or money order is preferred. Due to more costly residential delivery charges imposed by most motor freight companies, it is preferable to ship all truck freight items to a business address.

Freight Claim

Any damage must be reported to us immediately upon receipt of goods.

Warranty

All Mittler Bros. & Tanner by MB manufactured products carry a one year warranty on material and workmanship. Misuse or improper tool selection does not constitute a warranty issue. Other manufacturers products sold carry the manufacturers warranty.

Order Toll Free 1-800-467-2464