Mittler Bros. Machine & Tool

Shaping The World Since 1980
Proudly Made In USA

2014
www.mittlerbros.com
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Check Us Out Online @

Website: www.mittlerbros.com
Facebook: www.facebook.com/mittler.brothers
Twitter: www.twitter.com/mittlerbros
You Tube: www.youtube.com/mittler1980

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, Visa, American Express, Discover, Master Card or PayPal. 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 manufactures products sold carry the manufactures warranty.
New Products

Four Sided Bench Press

90° Tube Bender Stand

Digital Angle Gauge & Digital Protractor
Soft Face Dead Blow Hammers

Bump Stop Adjuster

Triangle Punch & Flares

New Bead Rolls

Art Of Bead Rolling DVD Vol. 2

Order Toll Free 1-800-467-2464
Single Speed Ultimate Tube Notcher
The Best Gets Better!

• Over 25 Years of Proven Use
• Highest Quality Notch/Cope In Minimal Time
• End Mill Design Allows Quick & Easy Metal Removal

Swivel Vise with 1° Increments
V-Block Design Means Quick Setup Time
Optional Adjustable Height Vise for Offset Notching

Models Options

Model 400-S
Vise Capacity 3/4” to 2” Tubing
Standard Vise
$4,495.00

Model 400-U
Upgraded Vise Capacity 3/4” to 2-3/8” Tubing
Larger V-Block Vise
Recommended for pipe notching
$4,795.00

Model 400-SADJ
Vise Capacity 3/4” to 2” Tubing
Adjustable Height Vise
$4,795.00

Model 400-UADJ
Upgraded Vise Capacity 3/4” to 2-3/8” Tubing
Adjustable Height Larger V-Block Vise
Recommended for pipe notching
$5,095.00

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

Ships Truck Freight @ 300 lbs.
43L x 19W x 24H

1 HP AC Motor
115 Volts / 15 Amp
1 Phase 60 Hertz
International Motor Upgrade (See p. 7)
Variable Speed Ultimate Tube Notcher

- 75 to 250 RPM Adjustable Cutter Speed
- Use Fast Speeds for Thin Walled Tube
- Use Slow Speeds for Large Diameter Thick Walled Tube
- End Mill Design Allows Quick & 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

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

Model Options

**Model 400-VS**
Vise Capacity 3/4" to 2" Tubing
Standard Vise
$4,995.00

**Model 400-VSADJ**
Vise Capacity 3/4" to 2" Tubing
Adjustable Height Vise
$5,295.00

**Model 400-VSU**
Upgraded Vise Capacity 3/4" to 2-3/8" Tubing
Larger V-Block Vise
Recommended for pipe notching
$5,295.00

**Model 400-VSUADJ**
Upgraded Vise Capacity 3/4" to 2-3/8" Tubing
Adjustable Height Larger V-Block Vise
Recommended for pipe notching
$5,595.00

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

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

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

90° Notch = 16 Sec.
45° Notch = 27 Sec.
Double Sided VS Ultimate Tube Notcher
Notch From Either Cutter Side

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

Max Diameter
2” OD Standard Vise
2-1/2” OD Upgraded Vise

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

Extended Vise Travel Allows Notching on Either Side of the Cutter

Cluster Joint Created Without Need To Remove From Vise & Reposition Tube

Check Out Demo Videos On Our Website www.mittlerbros.com

Model Options

<table>
<thead>
<tr>
<th>Model</th>
<th>Vise Capacity</th>
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<tr>
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<td>3/4” to 2” Tubing</td>
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Order Online @ www.mittlerbros.com
Ultimate Tube Notcher Accessories

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

Roll Around Stand Model 400-A400 $375.00

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 $325.00
Jaw Kit for Upgraded Vise Model 1100-AUU $395.00

Cutters

<table>
<thead>
<tr>
<th>Tubing</th>
<th>Part #</th>
<th>Pipe Size</th>
<th>Shank Size</th>
<th>Cut Length</th>
<th>TiN Coated</th>
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All Cutters Below Require Bushings

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<th>Shank Size</th>
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<td>2&quot;</td>
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All Bushings Listed Below $55.00

**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 cutters for all tubing wall thicknesses

Ideal for repeat production work

Vise Stop Assembly Model 400-401 $175.00

Vise Jaw Shim Required for 1/2" & 5/8" Tube Model 1100-100 $10.00

International Motor Upgrade
For Single Speed Ultimate Tube Notcher
230v. 1Ph. 50Hz. Motor...400-603...$285.00

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 $749.00**

**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 $1,150.00**

**Hydraulic Pump Sold Separately**

### Accessories

- **90 PSI Compressed Air**
  - Air Hydraulic Pump, 6' Hose & Fitting
  - **Model 900-504-6 $675.00**
- **115v. 1Ph 60Hz with 10' Operator Cord**
  - Electric Hydraulic Pump, 6' Hose & Fitting
  - **Model 900-508-6 $1,675.00**
- **Bench Mounting Bracket**
  - **Model 100-200 $79.00**
- **Optional Floor Stand with Locking Casters**
  - **Model 3100-100 $265.00**

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**Order Online @ www.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>
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<tr>
<th>Size</th>
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<td>1700-501</td>
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<td>1”</td>
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<td>$15.00</td>
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<td>1-1/4”</td>
<td>1700-503</td>
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<tr>
<td>1-3/8”</td>
<td>1700-504</td>
<td>$15.00</td>
</tr>
<tr>
<td>1-1/2”</td>
<td>1700-505</td>
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</tr>
<tr>
<td>1-5/8”</td>
<td>1700-506</td>
<td>$15.00</td>
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<tr>
<td>1-3/4”</td>
<td>1700-507</td>
<td>$20.00</td>
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<tr>
<td>2”</td>
<td>1700-508</td>
<td>$20.00</td>
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PipeMaster

5-Piece Pro Race Kit
Qty (1 Kit.) 1”, 1-1/4”, 1-1/2”, 1-3/4” & 2” Model MB-PT001 $283.00
Includes Carrying Case
# Hydraulic 180° Tube Bender

**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 $3,995.00

- **Hydraulic Pump & Shoe Sets Sold Separately**
- Rolling Stand with Locking Casters
- Cam Action Follow Bar Pressure Release

### Accessories

- Swings Out Work Tray Holds Follow Bar & Removes for Compound Bends
- Rugged Rack & Pinion Drive
- Bends Square Tubing 3/4" to 2"
- Small & Medium Saddles Included
- Storage Shelves for Shoes & Follow Bars

## Heavy Duty 180° Bender (25 Ton Ram) Model 2500-HD $4,495.00

- Stronger Rack & Pinion Drive, Recommended for Pipe & Heavy Wall Moly Bending

### Round Tube Shoe Sets

<table>
<thead>
<tr>
<th>Tube OD</th>
<th>CL Rad.</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
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<td>∗2&quot;</td>
<td>8&quot;</td>
<td>2500-S00</td>
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<td>1-3/4&quot;</td>
<td>7&quot;</td>
<td>2500-S02</td>
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<tr>
<td>45mm</td>
<td>178mm</td>
<td>2500-M45</td>
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<td>3/4&quot;</td>
<td>4&quot;</td>
<td>2500-S09</td>
<td>$330.00</td>
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### Additional Metric Sizes Available

- See www.mittlerbros.com
- ∗Must Purchase Model # 2500-302 Large Adjustable Saddle

### Square Tube Shoe Sets

<table>
<thead>
<tr>
<th>Tube OD</th>
<th>CL Rad.</th>
<th>Part #</th>
<th>Price</th>
</tr>
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<tbody>
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<td>∗2&quot;</td>
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### Pipe Shoe Sets

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<th>Pipe Size</th>
<th>OD</th>
<th>CL Rad.</th>
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<th>Price</th>
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<td>5&quot;</td>
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- Adjustable Saddle Sold Separately
  - Not included with Shoe Set
  - 3/8" to 1-3/8" OD = Small Saddle - #2500-300 @ $75.00
  - 1-1/2" to 1-3/4" OD = Medium Saddle - #2500-301 @ $95.00
  - 2" OD = Large Saddle - #2500-302 @ $125.00

- Small & Medium Saddles Included with all 90° & 180° Tube Benders Purchased Since December 2006

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Order Online @ www.mittlerbros.com

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Max Capacity

**2” OD Tubing .125” Wall**

**1-1/2” Pipe (1.90” OD) .145” Wall**

[![Ships Truck Freight @ 450 lbs. 47L x 47W x 26H](image.jpg)](image.jpg)
Hydraulic 90° Tube Bender

- 25 Tons of Hydraulic Power
- 6-1/4 Stroke
- Portable at 60 lbs, and No Need to Anchor
- Bends Mild Steel, Stainless, Aluminum, 4130 Tubing & Pipe
- Engraved Reference Scale for Easy Repeatability
- 3/4" to 2" OD Round Tubing
- Bends Square Tubing 3/4" to 2"
- Small & Medium Adjustable Saddles Included
- Instructional 1 hour DVD Included

90° Bender (25 Ton Ram) Model 900 $1,195.00

Hydraulic Pump Sold Separately p. 12
Shoe Sets Sold Separately

### Round Tube Shoe Sets

<table>
<thead>
<tr>
<th>Tube OD</th>
<th>CL Rad.</th>
<th>Part #</th>
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<td>900-S06</td>
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<td>40mm</td>
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<td>1-1/4&quot;</td>
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<td>25mm</td>
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<td>3/4&quot;</td>
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### Square Tube Shoe Sets

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<td>2&quot;</td>
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<td>900-S25</td>
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<td>900-S27</td>
<td>$435.00</td>
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<td>1&quot;</td>
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<td>3/4&quot;</td>
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### Pipe Shoe Sets

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<td>3/4&quot;</td>
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<td>1/2&quot;</td>
<td>.84</td>
<td>4&quot;</td>
<td>900-S45</td>
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**Adjustable Saddle Sold Separately - Not Included with Shoe Set**

- 3/8" to 1-3/8" OD = Small Saddle - #2500-300 @ $75.00
- 1-1/2" to 1-3/4" OD = Medium Saddle - #2500-301 @ $95.00
- 2" OD = Large Saddle - #2500-302 @ $125.00

Small & Medium Saddle Included with all 90° & 180° Tube Benders Purchased Since December 2006

NEW Stand Available (See p. 12)

Max Capacity
2” OD Tubing .125” Wall
1-1/2” Pipe (1.90” OD) .145” Wall

**Additional Metric Sizes Available**
See www.mittlerbros.com

* Must Purchase Model # 2500-302 Large Adjustable Saddle

Order Toll Free 1-800-467-2464
**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
Small & Medium Saddle Included with all 90° & 180° Tube Benders Purchased Since December 2006

**Bend Stop for 180° Tube Bender**
Pre Set Stop For Accurate Repeat Bends

Bolts to the side of the 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 Presets makes this Ideal for repeat production work.

90° Tube Bender Stand
Model 900-300 $295.00

**Air Stop Kit for 2500 180° Bender**
Model 2500-400 $350.00

**3/8” TO 1-3/8” OD. Small Adjustable Saddle**
Model 2500-300 $75.00

**1-1/2” TO 1-3/4” OD. Medium Adjustable Saddle**
Model 2500-301 $95.00

**2” OD. Large Adjustable Saddle**
Model 2500-302 $125.00

**90 PSI Compressed Air**
Air Hydraulic Pump, 6’ Hose & Fitting
Model 900-504-6 $675.00

**115V, 1Ph, 60Hz with 10’ Operator Cord**
Electric Hydraulic Pump, 6’ Hose & Fitting
Model 900-508-6 $1,675.00

**Digital Read Out**
For Model 900 Bender
Model 900-D $385.00

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

• Use of cubic feet to bend instead of valuable square footage
• Ease of portability with roll around stand
• Can take off stand for portability for offsite jobs
• Allows user to make bends in the “negative plain”
Bend-Tech Software
Save Time, Material, & Money...Do it Right the First Time!

**Tube Bending Software**
Requires XP, Vista, Windows 7 or Windows 8

**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
- 6 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
- Upgrade to Higher Software Level -- EZ-3D, PRO, or SE

**Bend-Tech EZ Software Model 900-510 $69.00**

**BEND-TECH EZ-3D**
- All EZ Features Included
- 3D Custom Part Window for multiple bends
- 360-degree 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
- Upgrade to Higher Software Level -- PRO or SE

**Bend-Tech EZ-3D Software Model 900-511 $149.00**

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

**Bend-Tech PRO Software Model 900-512 $275.00**

**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 $599.00**
Requires “Pro” Tube Bending Software - Latest Release

Order Toll Free 1-800-467-2464
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

Digital Angle Gauge w/ Level
Model MB-WR365 $49.99

Digital Protractor

- 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

Digital Protractor
Model MB-WR410 $58.99

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

<table>
<thead>
<tr>
<th>CL Radius</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4”</td>
<td>2100-4</td>
<td>$105.00</td>
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<tr>
<td>5”</td>
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<td>8”</td>
<td>2100-8</td>
<td>$145.00</td>
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<tr>
<td>4” to 8” Set</td>
<td>2100</td>
<td>$525.00</td>
</tr>
</tbody>
</table>

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

Capacity: 3/4” OD to 2” OD Round

Notch & Bend Aligner
Complete w/ Smart Tool
Model 1800-STA $199.00

Mount Only
Model 1800-A $79.00

Smart Tool Angle Sensor
Model 1800 $125.00

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

Magnetic Mount
Model 1800-505
$15.00

No Smart Tool owner should be without!

*Dead Level refers to absolute level with respect to the center of the earth. This setting is permanently calibrated.
180° Manual Tube Bender

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

<table>
<thead>
<tr>
<th>Round Tube Shoe Sets</th>
<th>3 Piece Set - Main Shoe, Follow Roller &amp; Eccentric Lock Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube Size</td>
<td>CL Rad.</td>
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<tr>
<td>1&quot;</td>
<td>3-1/2&quot;</td>
</tr>
<tr>
<td>7/8&quot;</td>
<td>3-1/2&quot;</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>2-1/2&quot;</td>
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<td>1/2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Combo 3/8&quot; / 1/2&quot;</td>
<td>2&quot;</td>
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<table>
<thead>
<tr>
<th>Square Tube Shoe Sets</th>
<th>3 Piece Set - Main Shoe, Follow Roller &amp; Eccentric Lock Roll</th>
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</thead>
<tbody>
<tr>
<td>Tube Size</td>
<td>CL Rad.</td>
</tr>
<tr>
<td>1&quot;</td>
<td>3-1/2&quot;</td>
</tr>
<tr>
<td>7/8&quot;</td>
<td>3-1/2&quot;</td>
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<tr>
<td>3/4&quot;</td>
<td>2-1/2&quot;</td>
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<tr>
<td>5/8&quot;</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

Time saving features to upgrade your existing 180° Manual Tube Bender
Retrofit Degree Wheel Kit **Model 950-DWK $80.00**

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.

<table>
<thead>
<tr>
<th>Eccentric Lock Roll (Specify Tube Size at Order)</th>
<th><strong>Model 950-006 $69.00</strong></th>
</tr>
</thead>
</table>

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

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

Built with Pride 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 18-19 & 24-25)
- 1-1/8” Throat Height
- Adjustable Depth of Bead
- Oilite Bushings for Long Life
- Both Shafts Driven

24” Throat Depth Variable Speed Bead Roller Model 210-24 $795.00
36” Throat Depth Variable Speed Bead Roller Model 200-36 $995.00
42” Throat Depth Variable Speed Bead Roller Model 200-42 $1,195.00

24” Manual Bead Roller

- Hand Crank Operated
- Easily Upgradable to Power Drive Bead Roller
  (Requires Model 200-302 Power Drive Kit - $350.00)
- Time Proven Features of our Power Drive Bead Rollers
- 24” Billet Aluminum Frame

24” Throat Depth Manual Bead Roller Model 210-24M $595.00

Bead Rolls Sold Separately (See pp. 18-19)

NEW Bead Rolls (See pp. 24-25)

Manual to Power Drive Motor Conversion Kit Model 200-302 $350.00
  (Upgrade from a Manual to a Power Drive Bead Roller)

STD. Motor to Industrial Motor Conversion Kit Model 200-300 $995.00
  (Easy bolt on conversion kit to upgrade for 16 Ga Mild steel Capacity)
Industrial Variable Speed Bead Rollers
Ideal For Restoration Using Up To 16 Ga Mild Steel

Max Capacity
16 Ga (.062”) Mild Steel
14 Ga (.064”) Aluminum
22 Ga (.031”) Stainless

Check Out Demo Videos On Our Website
www.mittlerbros.com

NEW Speed Range Adjustment Knob
Allows You To Fine Tune Your Max Speed

Increased Motor Torque & Horsepower To Handle Those Demanding Jobs with Ease!

- 24” Model - Billet Aluminum Frame
- 1-1/8” Throat Height
- Adjustable Depth of Bead
- Speed Adjustment Kit
- Model 200-305 $50.00
- Enables You To Fine Tune Your Max Speed

- 36” Model - Jig Welded Steel Frame
- 100+ Bead Roll Profiles (See pages 18-19 & 24-25)
- Oilite Bushings for Long Life
- Variable Speed Foot Pedal Operated
- Forward / Reverse Switch

24” Throat Depth Industrial Variable Speed Bead Roller (Billet Aluminum) Model 210-24NV $1,375.00
36” Throat Depth Industrial Variable Speed Bead Roller (Jig Weld Steel) Model 200-36NV $1,525.00

Bead Rollers Sold Separately (See pp. 18-19)
Upgraded Adjustable Shaft Models Available On Page 22
NEW Bead Rolls (See pp. 24-25)

Bead Roller Accessories

- Bolt Together Design For Easy Shipping
- Industrial Coated Finish
- Fits All Bead Rollers
- Adjustable Shaft Models

H- Frame
Model 200-031 $110.00
Rolling W/ Locking Casters
Model 200-150 $160.00
Adjustable
Model 202-031 $125.00

Floor Stands

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 $75.00
2000 Watt (16 Amp) Voltage Converter Model 200-558 $140.00

Speed Adjustment Kit
Enables You To Fine Tune Your Max Speed On Industrial Bead Rollers
Works with Industrial Bead Roller Motors Only

Model 200-305
$50.00

Depth Stop
Model 200-009 $95.00
Roll Holder
Model 200-RH $75.00

Order Toll Free 1-800-467-2464
Largest Selection of Rolls Available!
For Use With All Standard (1-1/8” Throat) Bead Rollers:
210-24, 210-24NV, 200-36, 200-36NV, 200-42, 210-24M,

**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>$65.00</td>
</tr>
<tr>
<td>3/16” Round</td>
<td>201-188</td>
<td>$65.00</td>
</tr>
<tr>
<td>1/4” Round</td>
<td>201-250</td>
<td>$65.00</td>
</tr>
<tr>
<td>5/16” Round</td>
<td>201-313</td>
<td>$65.00</td>
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<tr>
<td>3/8” Round</td>
<td>201-375</td>
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<td>1/2” Round</td>
<td>201-500</td>
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<tr>
<td>5/8” Round</td>
<td>201-625</td>
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<td>3/4” Round</td>
<td>201-750</td>
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<tr>
<td>1” Round</td>
<td>201-100</td>
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**Standard Flat Bead Roll Sets**

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<tr>
<th>Description</th>
<th>Steel P/N</th>
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<tbody>
<tr>
<td>1/8” Flat</td>
<td>201-125-F</td>
<td>$65.00</td>
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<tr>
<td>3/16” Flat</td>
<td>201-188-F</td>
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<tr>
<td>1/4” Flat</td>
<td>201-250-F</td>
<td>$65.00</td>
</tr>
<tr>
<td>5/16” Flat</td>
<td>201-313-F</td>
<td>$65.00</td>
</tr>
<tr>
<td>3/8” Flat</td>
<td>201-375-F</td>
<td>$65.00</td>
</tr>
<tr>
<td>1/2” Flat</td>
<td>201-500-F</td>
<td>$65.00</td>
</tr>
<tr>
<td>3/4” Flat</td>
<td>201-750-F</td>
<td>$85.00</td>
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<tr>
<td>1” Flat</td>
<td>201-100-F</td>
<td>$90.00</td>
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**Standard Step Roll Sets**

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<tr>
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<tbody>
<tr>
<td>.062” Step</td>
<td>201-062-S</td>
<td>$65.00</td>
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<tr>
<td>.090” Step</td>
<td>201-090-S</td>
<td>$75.00</td>
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<td>1/8” Step</td>
<td>201-125-S</td>
<td>$65.00</td>
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<td>3/16” Step</td>
<td>201-188-S</td>
<td>$65.00</td>
</tr>
<tr>
<td>1/4” Step</td>
<td>201-250-S</td>
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<tr>
<td>45° Step</td>
<td>201-045-S</td>
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**Standard Edge Bead Roll Sets**

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<tr>
<th>Description</th>
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</tr>
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<tbody>
<tr>
<td>1/8” Edge Bead</td>
<td>201-125-E</td>
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<td>3/16” Edge Bead</td>
<td>201-188-E</td>
<td>$65.00</td>
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<tr>
<td>1/4” Edge Bead</td>
<td>201-250-E</td>
<td>$65.00</td>
</tr>
<tr>
<td>5/16” Edge Bead</td>
<td>201-313-E</td>
<td>$65.00</td>
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<td>3/4” Edge Bead</td>
<td>201-750-E</td>
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</tr>
<tr>
<td>1” Edge Bead</td>
<td>201-100-E</td>
<td>$90.00</td>
</tr>
</tbody>
</table>

**HD Tube Bead Rolls**

**Model 201-010** $150.00
(1-1/4” ID Min x .095” Wall Aluminum .065 Mild Steel .043 Stainless Steel)

**All Rolls Available in Nylatron at same price!**

Nylatron Rolls are Ideal for Pre-Finished Materials as well as Copper, Brass & Thin Aluminum
Add Letter “D” to the End of Part # ex. 1/8” Round Nylatron Roll #201-125D

**Tube Bead Rolls**

Fits all model 200 & 210 Bead Rollers

Rolls A Bead So Hoses Won’t Slip Off

Built in edge guide makes a tough job easier!
Designed to roll a strengthening bead around the edge of a panel, also works great for wheel well openings!

Order Online @ www.mittlerbros.com
**Specialty Rolls**

For Use With All Standard (1-1/8" Throat) Bead Rollers:


---

<table>
<thead>
<tr>
<th>Specialty Roll Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>Art Pattern Roll Set</td>
</tr>
<tr>
<td>Blank Roll Set (non-machined)</td>
</tr>
<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>
</tr>
<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 (1/4&quot; 90°)</td>
</tr>
<tr>
<td>Hem Roll Step #1 (3/8&quot; 90°)</td>
</tr>
<tr>
<td>Hem Roll Step #2 (140°)</td>
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<tr>
<td>Hem Roll Step #3 Flat</td>
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<tr>
<td>Louver Roll Set</td>
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<tr>
<td>Shear Roll Set</td>
</tr>
<tr>
<td>Standard Tank Roll Set</td>
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<tr>
<td>Spoiler Roll Set</td>
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<tr>
<td>Tipping Roll Set</td>
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<tr>
<td>Tube Bead Roll Set (HD)</td>
</tr>
<tr>
<td>30° Angle Roll Set</td>
</tr>
<tr>
<td>90° 1/2&quot; Angle Roll Set</td>
</tr>
<tr>
<td>90° 3/4&quot; Angle Roll Set</td>
</tr>
<tr>
<td>1/8&quot; Double Taper Pinstripe Roll Set</td>
</tr>
<tr>
<td>1/16&quot; Wire Bead Roll Set (3 pc Set)</td>
</tr>
<tr>
<td>1/8&quot; Wire Bead Roll Set (3 pc Set)</td>
</tr>
<tr>
<td>3/4&quot;W x 1/2&quot;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** $175 (save $65)

Complete Hem Roll Set Combo Heat Treated Steel

**Model 201-038** $175 (save $65)

<table>
<thead>
<tr>
<th>Hem Roll Step #1</th>
<th>Hem Roll Step #2</th>
<th>Hem Roll Step #3</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° 1/4&quot;</td>
<td>140°</td>
<td>Flat</td>
</tr>
<tr>
<td>$95.00</td>
<td>$95.00</td>
<td>$50.00</td>
</tr>
</tbody>
</table>

Step one forms the metal 90°
Step two forms the metal to 140°
Step three forms the metal flat

---

**Wire Bead Roll Set Complete**

<table>
<thead>
<tr>
<th>Wire Bead Roll Set</th>
<th>Model</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/16&quot; Wire Bead Roll Set</td>
<td>201-062-WBS</td>
<td>$225</td>
</tr>
<tr>
<td>1/8&quot; Wire Bead Roll Set</td>
<td>201-125-WBS</td>
<td>$225</td>
</tr>
</tbody>
</table>

Max Capacity 19 Ga (.040") Mild Steel

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

---

Order Toll Free 1-800-467-2464
High Throat Power Drive 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 Operated
- Forward / Reverse Switch
- Both Shafts Driven

24” Throat Depth High Throat Variable Speed Bead Roller Model 204-24 $925.00
36” Throat Depth High Throat Variable Speed Bead Roller Model 204-36 $1,150.00

Accessories

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

Floor Stands

- H-Frame Model 200-031 $110.00
- Rolling w/ Locking Casters Model 200-150 $160.00
- Adjustable Model 202-031 $125.00
- Depth Stop (Fits High Throat Bead Roller) Model 204-009 $95.00
- Roll Holder (High Throat Bead Roller) Model 204-RH $75.00

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

Industrial Variable Speed Models

- Max Capacity 18 Ga (.047”) Mild Steel
- 14 Ga (.064”) Aluminum
- 24 Ga (.025”) Stainless

24” Throat Depth Industrial VS High Throat Bead Roller Model 204-24NV $1,475.00
36” Throat Depth Industrial VS High Throat Bead Roller Model 204-36NV $1,675.00
High Throat Bead Roll Sets 5-1/2” OD

### 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 more throat height usage

$250.00

#### Order Toll Free 1-800-467-2464
Mittler Bros. is proud to offer the new Jamey Jordan Signature Series of Bead Rollers & Unique Rolls. Check out some of the unique artistic type work you can do with this combination.

Jamey is a very skilled, talented craftsmen and he is the creative force behind Hand Made Seat Co., which is well known for its impressive bomber seat designs. Check Out: www.HandmadeSeatCo.com

With a little practice, you too can produce some unique work.
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 18-19 & 25-26)

Industrial Motor Bead Roller w/ Adjustable Shaft

Adjustable Shaft Allows For A Greater Range Of Motion

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

Standard Motor Bead Rollers w/ Adjustable Shaft
See page 16 for Standard Motor specs.

24" Throat Depth Variable Speed Bead Roller Model 202-24 $875.00
With Upper Adjustable Shaft

36" Throat Depth Variable Speed Bead Roller Model 202-36 $1,195.00
With Upper Adjustable Shaft

Industrial Motor Bead Roller w/ Adjustable Shaft

24” Throat Depth Industrial Variable Speed Bead Roller Model 202-24NV $1,550.00
With Upper Adjustable Shaft

36” Throat Depth Industrial Variable Speed Bead Roller Model 202-36NV $1,725.00
With Upper Adjustable Shaft

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

Upgrade Your Existing Bead Roller With An Adjustable Shaft
All the parts required to upgrade Bead Roller Models: 210-24, 210-24NV, 200-36, 200-36NV, 210-24M

Adjustable Shaft Upgrade Kit
- 24” Model 202-022 $195.00
- 36” Model 202-061 $215.00

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

For Use With All 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>
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<tbody>
<tr>
<td>Scar Roll Set (3 Rolls)</td>
<td>202-099</td>
<td>$195.00</td>
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<tr>
<td>Art Roll (1 Roll)</td>
<td>202-101</td>
<td>$65.00</td>
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<tr>
<td>Art Roll Delrin Plastic (1 Roll)</td>
<td>202-101-D</td>
<td>$65.00</td>
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<tr>
<td>Solid Roll (1 Roll)</td>
<td>202-102</td>
<td>$65.00</td>
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<tr>
<td>Solid Groove Roll (1 Roll)</td>
<td>202-103</td>
<td>$65.00</td>
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<tr>
<td>Universal Groove Roll (1 Roll)</td>
<td>202-104</td>
<td>$65.00</td>
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<tr>
<td>Soft Step Set (2 Rolls)</td>
<td>202-105</td>
<td>$95.00</td>
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<tr>
<td>Radius Step Set (2 Rolls)</td>
<td>202-106</td>
<td>$95.00</td>
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<tr>
<td>45° Step Set (2 Rolls)</td>
<td>202-107</td>
<td>$95.00</td>
</tr>
<tr>
<td>Soft Step Roll (1 Roll)</td>
<td>202-090</td>
<td>$65.00</td>
</tr>
<tr>
<td>Radius Step Roll (1 Roll)</td>
<td>202-091</td>
<td>$65.00</td>
</tr>
<tr>
<td>45° Step Roll (1 Roll)</td>
<td>202-092</td>
<td>$65.00</td>
</tr>
<tr>
<td>Skateboard Wheel Roll (3 Rolls)</td>
<td>202-108</td>
<td>$195.00</td>
</tr>
<tr>
<td>Stitching Set (2 Rolls)</td>
<td>202-109</td>
<td>$130.00</td>
</tr>
<tr>
<td>1” Tube Roll Set (2 Rolls)</td>
<td>202-100TR</td>
<td>$145.00</td>
</tr>
<tr>
<td>1-1/4&quot; Tube Roll Set (2 Rolls)</td>
<td>202-125TR</td>
<td>$145.00</td>
</tr>
<tr>
<td>1-1/2” Tube Roll Set (2 Rolls)</td>
<td>202-150TR</td>
<td>$145.00</td>
</tr>
<tr>
<td>1-3/4” Tube Roll Set (2 Rolls)</td>
<td>202-175TR</td>
<td>$135.00</td>
</tr>
</tbody>
</table>

### Scar Roll Set

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

**202-099**
Scar 3pc. Kit
$195.00

### Stitching Roll Set

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

**202-109**
Stitching 2pc. Set
$130.00

### Skateboard Wheel Roll 3pc. Set

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.

**Model 202-108** $195.00

Durometer or “Hardness” of the rolls:
- Black = 60
- Orange = 80
- Blue = 90
Jamey Jordan Signature Series Bead Rolls

For Use With All 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
#202-101 is available in delrin plastic upon request (#202-101-D)

Model 202-100 $225.00

Jamey Jordan Signature Series Step Die Kit
These dies will allow a softer, smoother finish on your step. Each roll will allow you create its own unique bead profile.
Includes: 202-105, 202-106, 202-107
#202-101 is available in delrin plastic upon request (#202-101-D)

Model 202-094 $265.00

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.

Model 202-095 $225.00
4” High Throat Standard Bead Roller w/ Adjustable Shaft

- 24” & 36” Models Available
- Rigid Steel Frame
- Large Selection of Bead Roll Profiles

24” Throat Depth 4” High Throat Bead Roller Model 202-24-HT $1,150.00
36” Throat Depth 4” High Throat Bead Roller Model 202-36-HT $1,395.00

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

4” High Throat Industrial Bead Roller w/ Adjustable Shaft

- 24” & 36” Models Available
- Rigid Steel Frame
- Large Selection of Bead Roll Profiles

24” Throat Depth 4” High Throat Industrial Variable Speed Bead Roller Model 202-24NV-HT $1,695.00
36” Throat Depth 4” High Throat Industrial Variable Speed Bead Roller Model 202-36NV-HT $1,875.00

Max Capacity
18 Ga (.047”) Mild Steel
14 Ga (.064”) Aluminum
24 Ga (.025”) Stainless

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 $225.00
36” Model 202-061-HT $245.00

Order Online @ www.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 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 $350.00

**Individual Bead Rolls**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>Art Roll (1 Roll)</td>
<td>202-101-HT</td>
<td>$95.00</td>
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<tr>
<td>Solid Roll (1 Roll)</td>
<td>202-102-HT</td>
<td>$95.00</td>
</tr>
<tr>
<td>Solid Groove Roll (1 Roll)</td>
<td>202-103-HT</td>
<td>$9500</td>
</tr>
<tr>
<td>Universal Groove Roll (1 Roll)</td>
<td>202-104-HT</td>
<td>$95.00</td>
</tr>
</tbody>
</table>

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

- **24” Model 202-24NV-K** $2,125.00
- **36” Model 202-36NV-K** $2,295.00

**Each kit includes:**
- 202-100 Art Roll Kit (4 Rolls)
- 202-105 Soft Step Set
- 202-24NV or 202-36NV Bead Roller
- 202-200 Bead Roller Table
- 202-031 Adjustable Stand
- MB-1000-JJ1 Instructional DVD

---

**24” or 36” Bead Roller Table**

- **Model 202-200** $225.00
- Supports Material While You Work
  - (Bead Roller Not Included)
  - (Not For Use On High Throat Models)

**Adjustable BR Stand**

**Model 202-031**

$125.00

(Will Not Work With Bead Roll Holder 200-RH)
(Will Not Work With 42” Bead Rollers)

**Approx Floor To Work Height:**
- 36” to 44”

---

**New**

**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 info packed DVD.

---

**Order Online @ www.mittlerbros.com**
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"

1-1/2"  Model 1330-010  $450.00
2"  Model 1330-020  $475.00
2-1/2"  Model 1330-030  $495.00
3 Punch Kit  Model 1330-100  $1,395.00

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

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

1-1/4" x 2"  Model 1320-010  $450.00
1-3/4" x 2-3/4"  Model 1320-020  $475.00
2" x 3-1/4"  Model 1320-030  $495.00
Oval Punch Kit  Model 1320-100  $1,395.00

Includes 3 Punches and 1 Universal Press Block

Universal Press Block  Model 1320-001  $75.00
- Fits All Sizes
- Only One Needed

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 & One Roll Set of your choice (Value $105.00)*

- 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 Operated 0 - 24 RPM
- Needle Bearings
- Ships UPS 95 Lbs.

**Max Capacity:** 14 Ga (075”) Mild Steel Standard Bead Only

**Model 200-14NV $3,200.00**

### 10” Throat Variable Speed Rotary Machine Kit

*Includes #200-009-R Depth Stop & One Roll Set of your choice (Value $105.00)*

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

**Max Capacity:** 16 Ga (.060”) Mild Steel Standard Bead Only

**Model 200-10NV $2,500.00**

### Accessories

**Floor Stands**

- Bolt Together Design
- For Easy Shipping
- Industrial Coated Finish
- Fits Rotary Machines

**H- Frame**

*Model 200-031 $110.00*

**Rolling W/ Locking Casters**

*Model 200-150 $160.00*

**Depth Stop**

*Model 200-009-R $125.00*

**Roll Holder**

*Model 200-RH $75.00*

*Consult Factory 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>
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<tbody>
<tr>
<td>Combo 2” Crimp &amp; 5/16” Bead</td>
<td>201-081-K</td>
<td>$200.00</td>
</tr>
<tr>
<td>(Contains a Crimp Roll Set &amp; a Bead Roll Set)</td>
<td></td>
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<tr>
<td>2” Crimp Roll Set</td>
<td>201-003-K</td>
<td>$180.00</td>
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<tr>
<td>Duct Work &quot;V&quot; Groove Roll Set</td>
<td>201-079-K</td>
<td>$105.00</td>
</tr>
<tr>
<td>Elbow Edge Roll Set</td>
<td>201-064-K</td>
<td>$105.00</td>
</tr>
<tr>
<td>Fire Damper Roll Set</td>
<td>201-055-K</td>
<td>$150.00</td>
</tr>
<tr>
<td>Hem Roll Step #1 (1/4” 90°)</td>
<td>201-059-SK</td>
<td>$105.00</td>
</tr>
<tr>
<td>Hem Roll Step #1 (3/8” 90°)</td>
<td>201-068-K</td>
<td>$105.00</td>
</tr>
<tr>
<td>Hem Roll Step #2 (140°)</td>
<td>201-060-SK</td>
<td>$105.00</td>
</tr>
<tr>
<td>Hem Roll Step #3 Flat</td>
<td>201-068-K</td>
<td>$75.00</td>
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<tr>
<td>Hem Roll Set Combo</td>
<td>201-037-K</td>
<td>$300.00</td>
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<tr>
<td>Gore Edge Roll Set</td>
<td>201-054-K</td>
<td>$105.00</td>
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<tr>
<td>Offset Swedge Roll Set</td>
<td>201-078-K</td>
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<td>OGEE Roll Set</td>
<td>201-074-K</td>
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<tr>
<td>Shear Roll Set</td>
<td>201-058-K</td>
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<td>Spin Collar #1 Roll Set</td>
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<tr>
<td>Spin Collar #2 Roll Set</td>
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<td>Turning Roll Set</td>
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### Flange Roll Sets

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<tr>
<td>1/4” Flange Roll Set</td>
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<td>3/8” Flange Roll Set</td>
<td>201-056-K</td>
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### Edge Bead Roll Sets

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

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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>$180.00</td>
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<td>3/16” Round Bead Roll Set</td>
<td>201-188-K</td>
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<td>1/4” Round Bead Roll Set</td>
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<td>201-375-K</td>
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<tr>
<td>1” Round Bead Roll Set</td>
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<tr>
<td>1/8” Flat Bead Roll Set</td>
<td>201-125-FK</td>
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<td>3/16” Flat Bead Roll Set</td>
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<td>201-250-FK</td>
<td>$105.00</td>
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<tr>
<td>5/16” Flat Bead Roll Set</td>
<td>201-313-FK</td>
<td>$105.00</td>
</tr>
<tr>
<td>3/8” Flat Bead Roll Set</td>
<td>201-375-FK</td>
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<tr>
<td>1/2” Flat Bead Roll Set</td>
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<tr>
<td>1” Round Bead Roll Set</td>
<td>201-060-SK</td>
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### Step Roll Sets

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<thead>
<tr>
<th>Description</th>
<th>Steel P/N</th>
<th>Price</th>
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<tbody>
<tr>
<td>1/16” Step Roll Set</td>
<td>201-062-SK</td>
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<td>1/8” Step Roll Set</td>
<td>201-125-SK</td>
<td>$105.00</td>
</tr>
<tr>
<td>45° Step Roll Set</td>
<td>201-045-SK</td>
<td>$105.00</td>
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</tbody>
</table>

### Roll Sets for Rotary Machines
- Use a 1/8” keyway
- All Standard Roll Sets 2-1/2” OD x 3/4” ID
- See www.mittlerbros.com or Call For More Detailed Information

---

Order Toll Free 1-800-467-2464
Hydraulic Bench Presses

5 Ton Hydraulic Bench Press

Model 2200-H $795.00

- Rugged Welded Plate/Box Tube Construction
- Mount Tooling For Straight in use or Rotate 90° for side to side use
- Includes Slug Ejector, Spring Loaded Centering Pin, Tool Mount Adapter & Arbor Nut Wrench
- Can be Used as Standard Press or Arbor Press

10 Ton Hydraulic Bench Press

Model 2210-H $2,325.00

- 3” Maximum clearance between tooling
- Ideal for production work

Hydraulic Pumps Sold Separately

Accepts All Bench Press & Louver Press Tooling (pp. 34-36)
Most Tooling mounts for front to back use or rotate 90° for side to side use

Corner Punch
90° Degree Bend
Corner Punch
Shear
Louver Punch / Die
Shrinker / Stretcher
Deep Throat
Punch & Die
Mounting Kit
Round, Square & Oblong Punches
Punch
& Flare

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

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

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

90 PSI Compressed Air
Air Hydraulic Pump, Hose & Fitting
6' Hose Model 900-504-6 $675.00
10' Hose Model 900-504-10 $705.00

115v, 1ph 60Hz with Operator Cord
Electric Hydraulic Pump, Hose & Fitting
6’ Hose Model 900-508-6 $1,675.00
10’ Hose Model 900-508-10 $1,705.00

Check Out Demo Videos On Our Website www.mittlerbros.com

Order Online @ www.mittlerbros.com
Manual Bench Presses

Dual Manual Bench Press - 3 Ton
Model 2240-2M $1,150.00

• Same Great Features As All Our Manual Bench Presses
• Two 12" Deep Throats
• Mount 2 Types Of Tooling Simultaneously
• Ideal For Production Use
• Includes Slug Ejector, Spring Loaded Centering Pin & Arbor Nut Wrench

Quad Manual Bench Press - 3 Ton
Model 2240-4M $1,895.00

• Rugged 5/16" Welded Plate Construction
• Two 12" Deep & Two 4" Deep Throats
• Mount 4 Types Of Tooling Simultaneously
• Ideal For Production Use

Small Manual Bench Press
Model 2240-1M $450.00

The Small Bench Press is perfect for those of us with limited space in their garages or shops and it still has all the same great tooling options as all of our presses.

3 Ton Manual Bench Press
Model 2200-M $595.00

Can Be Mounted On Either Side Of Model #2240-2M Dual Manual Bench Press

New

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

Tooling & Dies Sold Separately

Order Toll Free 1-800-467-2464

Roll Around Stand
Model 2240-100 $350.00
Bench Press Accessories
Fits All Bench Presses & Louver Press Kits
Most Tooling mounts for front to back use or rotate 90° for side to side use

Bench Press Louver Punch / Die

Order a Bench Press Louver Punch Start Up Kit, with the size of punch you want, from the top list.
After that you will just have to order the Individual Louver Punch Die Sets from the bottom list.

Bench Press Accessories
Fits All Bench Presses & Louver Press Kits
Most Tooling mounts for front to back use or rotate 90° for side to side use

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

Model 2200-4RCP (1/4”, 1/2”, 3/4”, 1”) $250.00
Model 2200-020-A (1-1/4”, 1-1/2”, 1-3/4” & 2”) $350.00

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

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

Model 2200-DZ-5/6...$295.00
Max Capacity: 19 Ga (.040") Mild Steel
18 Ga (.040") Aluminum

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...$195.00
Max Capacity: 16 Ga (.060") Mild Steel

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........$195.00
Max Capacity: 19 Ga (.040") 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......$195.00
Max Capacity: 11 Ga (.120") Mild Steel

Max Capacity: 8 Ga (.125") Soft Alum. & 16 Ga (.062") Mild Steel

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Max Capacity: 16 Ga (.062") Mild Steel

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<td>1/2”</td>
<td>2200-020-A</td>
<td>$350.00</td>
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Order Online @ www.mittlerbros.com
Bench Press Accessories
Fits All 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 (#2200-M, #2240, #2200-H, #2210-H) & Louver Press Kit

Press Brake Mounting Adapter Kit
Allows the mounting of all Mittler Bros. Press Tooling into any manufacturers press brake.

Punch & Die Sets

Punch & Die Mounting Kit
Includes Coupling Nut & Die Holder
Model 2200-040 $155.00
(Required for Round, Oblong, Square, Hex, & Metric Punch & Die Sets Punch & Die Sold Separately)

WHEN ORDERING Punch & Die Sets
Provide:
Material Type & Material Thickness to Determine Die Clearance

Punch & Die Sets
Each Set Contains One Individual Size

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

### Punch & Flare

<table>
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<td>3&quot;</td>
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<td>$150.00</td>
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Punch & Flare Kit 1" thru 2-1/2"
Model 1300-402 $685.00

Punch & Flare Set 1" thru 3"
Model 1300-403 $815.00

*Max Thickness:*
- Aluminum 14 Ga (.062")
- Mild Steel 16 Ga (.062")
- Stainless Steel 19 Ga (.040")

### Punch & Bead

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<td>3&quot;</td>
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<td>$150.00</td>
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Punch & Bead Kit 1" thru 2-1/2"
Model 1300-402-B $685.00

*Max Thickness:*
- Aluminum 18 Ga (.040")
- Mild Steel 19 Ga (.040")
- Stainless Steel 20 Ga (.037")

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

<table>
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<tr>
<th>Hole Size</th>
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<td>2-5/8&quot;</td>
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<td>Model 1300-030</td>
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*Capacity: Mild Steel 16 Ga*

### Aircraft Punch & Flare Tools

**Instrument Hole Punches**

<table>
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<tr>
<th>Size</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>2-1/16&quot;</td>
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<td>3-1/8&quot;</td>
<td>1300-029</td>
<td>$120.00</td>
</tr>
</tbody>
</table>

*Capacity: Mild Steel 16 Ga*

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

**6pc Punch & Flare Set 1" thru 2-1/2"
Model 1300-413 $745.00**

**7pc Punch & Flare Set 1" thru 3"
Model 1300-412 $885.00**

**9pc Punch & Flare Set 1" thru 3"
Model 1300-411 $1,065.00**

**13pc Punch & Flare Set 1" thru 4"
Model 1300-413 $1,950.00**

**Aircraft Punch & Flare Sets**

<table>
<thead>
<tr>
<th>Size</th>
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**Instrument Hole Punches**

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<tr>
<td>2-5/8&quot;</td>
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<tr>
<td>3-3/8&quot;</td>
<td>1300-030</td>
<td>$205.00</td>
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*Small Autometer Tachometer*

**Gauge Hole Punches**

<table>
<thead>
<tr>
<th>Hole Size</th>
<th>Part #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>2-1/16&quot;</td>
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<td>2-1/4&quot;</td>
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</tr>
<tr>
<td>2-5/8&quot;</td>
<td>Model 1300-021</td>
<td>$110.00</td>
</tr>
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</table>

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.

**Max Thickness:**
- Aluminum 14 Ga (.062")
- Mild Steel 16 Ga (.062")
- Stainless Steel 19 Ga (.040")

**Instrument Hole Punches**

<table>
<thead>
<tr>
<th>Size</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>2-5/8&quot;</td>
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</tr>
<tr>
<td>3-3/8&quot;</td>
<td>1300-030</td>
<td>$205.00</td>
</tr>
</tbody>
</table>

*Small Autometer Tachometer*
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"

1-1/2" Model 1330-010 $450.00
2" Model 1330-020 $475.00
2-1/2" Model 1330-030 $495.00
3 Punch Kit Model 1330-100 $1,395.00

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

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

1-1/4" x 2" Model 1320-010 $450.00
1-3/4" x 2-3/4" Model 1320-020 $475.00
2" x 3-1/4" Model 1320-030 $495.00
Oval Punch Kit Model 1320-100 $1,395.00

Includes 3 Punches and 1 Universal Press Block

Universal Press Block Model 1320-001 $75.00
- Fits All Sizes
- Only One Needed
Dimple Dies

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

Max Capacity:
0.125” Mild Steel
4130 Chrome Moly

Dimple Dies
1/2” - 3”

Dimple Dies
4 Piece Dimple Die Kit
(1/2”, 1”, 1-1/2”, & 2”)
Model # 1310-310 $350.00

5 Piece Dimple Die Kit
(1/2”, 1”, 1-1/2”, 2” & 2-1/2”)  
Model # 1310-311 $525.00

6 Piece Dimple Die Kit
(1/2”, 1”, 1-1/2”, 2”, 2-1/2” & 3”)  
Model # 1310-312 $705.00

7 Piece Dimple Die Kit
(1/2”, 3/4”, 1”, 1-1/4”, 1-1/2”, 1-3/4”, & 2”)  
Model # 1310-313 $515.00

9 Piece Dimple Die Kit
(1/2”, ¾”, 1”, 1-1/4”, 1-1/2”, 1-3/4”, 2”, 2-1/2” & 3”)  
Model # 1310-314 $895.00

Flare Tools

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

- Adds Strength
- Enhanced Appearance

Max Capacity:
0.063” Mild Steel

Automotive Flare Sets

<table>
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<th>Part #</th>
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Flare Kit (1/2” thru 2-1/2”)
Model 1300-401 $350.00
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

LOUVER PRESS KIT
(With Hydraulic Ram & Slide Assembly)

<table>
<thead>
<tr>
<th>Size</th>
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INDIVIDUAL LOUVER PUNCHES/DIE
(Punch & Die only)

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<tr>
<td>4” Dome</td>
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Accessories

Air Hydraulic Pump, 20’ Hose & Fitting
Model 900-504-20 $725.00
90 PSI Compressed Air

Electric Hydraulic Pump, 20’ Hose & Fitting
Model 900-508-20 $1,680.00
115v, 1Ph, 60Hz with 20’ Operator Cord

Accepts All Bench Press & Louver Press Tooling (pp. 34-36)
Most Tooling mounts for front to back use or rotate 90° for side to side use
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 - Single Head  
Model 4200-200 $2,850.00
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)

Double Headed Power Hammer Kit  
Model 4200-100 $13,725.00

Single Head Power Hammer Kit  
Model 4200-150 $8,225.00
One 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

Power Hammer
A Rugged, Robust Machine for the Metalworking Professional
Power Hammer

Fabricated Arms Model 4200-300 $2,625.00
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 $2,750.00
12” x 12” x 1/2” Wall - 84” High 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 $200.00 (Drawings Only)
Drawings Included with any of the Power Hammer Kits.

Power Hammer Dies
All Dies Precision Machined from the Highest Quality Steel for Long Life

<table>
<thead>
<tr>
<th>Die Type (Location)</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Flat (Top)</td>
<td>4200-602-F</td>
<td>$195</td>
</tr>
<tr>
<td>B 4” Radius (Bottom)</td>
<td>4200-602-4</td>
<td>$195</td>
</tr>
<tr>
<td>C 6” Radius (Bottom)</td>
<td>4200-602-6</td>
<td>$195</td>
</tr>
<tr>
<td>D 12” Radius (Bottom)</td>
<td>4200-602-12</td>
<td>$195</td>
</tr>
<tr>
<td>E 24” Radius (Bottom)</td>
<td>4200-602-24</td>
<td>$195</td>
</tr>
<tr>
<td>F Stretching Set (2 Pieces)</td>
<td>4200-600-ST</td>
<td>$825</td>
</tr>
<tr>
<td>G Shrinking Set (2 Pieces)</td>
<td>4200-605-SH</td>
<td>$825</td>
</tr>
<tr>
<td>H Soft Set (2 Pieces)</td>
<td>4200-603-SD</td>
<td>$275</td>
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<tr>
<td>Complete Die Set (All Dies Listed Above)</td>
<td>4200-600</td>
<td>$2,875*</td>
</tr>
<tr>
<td>Blank Die</td>
<td>4200-601</td>
<td>$110</td>
</tr>
</tbody>
</table>

* Complete Die Set Included with Double Headed Power Hammer Model #4200-100
$2,250 if Purchased with Single Head Power Hammer Model #4200-150

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

48" Standard Equipment

3 Segmented Finger Design
(Color Added for Clarity)

- 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

Order Online @ www.mittlerbros.com

48" 16 Ga Box & Pan Brake w/ Straight Pinch Fingers Model 2800-48-16 $3,250.00
(Floor Stand Optional)

48" 16 Ga Box & Pan Brake w/ Upper Radius Fingers Model 2800-48-16-R $3,500.00
(substituting Straight Pinch Fingers For Radius Fingers of your choice)
(Floor Stand Optional)

72" 18 Ga Box & Pan Brake Model 2800-72-18 $5,775.00
(includes Floor Stand)

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

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

72" Standard Equipment:
1", 2", 3" and (qty. 11) 6" Upper Fingers
1", 2", 3", 6" and (qty. 5) 12" Bed Fingers
1", 2", 3", 6", 12", and (qty. 2) 24" Apron Angle Fingers

Order Online @ www.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>Upper Radius Finger Kits</th>
<th>12&quot;, 24&quot;, 36&quot;, 48&quot;, 60&quot;, or 72&quot; Available</th>
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</thead>
<tbody>
<tr>
<td>Size</td>
<td>Length</td>
</tr>
<tr>
<td>1/16&quot;</td>
<td>(12&quot;)</td>
</tr>
<tr>
<td>1/8&quot;</td>
<td>(12&quot;)</td>
</tr>
<tr>
<td>3/16&quot;</td>
<td>(12&quot;)</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>(12&quot;)</td>
</tr>
<tr>
<td>5/16&quot;</td>
<td>(12&quot;)</td>
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</tbody>
</table>

| Size | Length | Part # | Price |
| 1/16" | (48") | 2800-A255-K48 | $835 |
| 1/8" | (48") | 2800-A260-K48 | $835 |
| 3/16" | (48") | 2800-A270-K48 | $835 |
| 1/4" | (48") | 2800-A280-K48 | $835 |
| 5/16" | (48") | 2800-A290-K48 | $835 |

See our website or call for additional kit information and pricing.

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>Reverse Apron Finger Kits</th>
<th>12&quot;, 24&quot;, 36&quot;, 48&quot;, 60&quot;, or 72&quot; Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Length</td>
</tr>
<tr>
<td>1/4&quot; Thick</td>
<td>(12&quot;)</td>
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<tr>
<td>1/2&quot; Thick</td>
<td>(12&quot;)</td>
</tr>
<tr>
<td>Size</td>
<td>Length</td>
</tr>
<tr>
<td>1/4&quot; Thick</td>
<td>(48&quot;)</td>
</tr>
<tr>
<td>1/2&quot; Thick</td>
<td>(48&quot;)</td>
</tr>
</tbody>
</table>

See our website or call for additional kit information and pricing.

Box & Pan Accessories

<table>
<thead>
<tr>
<th>Box &amp; Pan Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back Gauge kit</td>
</tr>
<tr>
<td>Apron Stop</td>
</tr>
<tr>
<td>Heavy Duty Stand</td>
</tr>
</tbody>
</table>

**Back Gauge kit**

Sets Working Height to 38"

**Apron Stop**

Model 2800-A360 $100.00

**Heavy Duty Stand**

Sets Working Height to 38"

- Stand Ships Truck Freight @ 130 lbs. 57L x 24W x 22H
- Digital Angle Gauge w/ Level See P. 14 for more info

**Box & Pan Accessories**

- Heavy Duty Floor Stand For 48” Box & Pan Brake Model 2800-400 $275.00
- Apron Stop Model 2800-A360 $100.00
- Back Gauge Kit Model 2800-350-K $100.00 (Pair)
- Full Length Radius Bar For 48” Model 2800-A300-48 $300.00
- Full Length Radius Bar for 72” Model 2800-A300-72 $350.00
- Casters (2 Swivel, 2 Fixed) With Mount Bars & Hardware Model 2800-A420 $100.00
- Digital Angle Gauge w/ Level Model MB-WR365 $49.99

Ultimate Box & Pan Brake Sample Bends

Just a sample of the hundreds of bends the Ultimate Box & Pan can do!

- Double Reverse 90° Without Bending Side Legs
- Triple 90° Radius Bend (requires optional radius fingers)
- Triple 90° Radius Bend w/ Offset Bend
- 45° Corner w/ Flanged Lip

Order Toll Free 1-800-467-2464
Sheet Metal Brakes
16 Gauge Straight Brake
Heavy Duty Construction

Max Capacity
16 Ga (.062) Mild Steel
12 Ga (.080) Aluminum
20 Ga (.038) Stainless

96" 22 Gauge Straight Brake  Model 2800-9622S  $1,975.00
72" 22 Gauge Straight Brake  Model 2800-7222S  $1,150.00
72" Radius Bar (Optional)  Model 2800-A310-72  $150.00

Sheet Metal Brakes
16 Gauge Straight Brake
Heavy Duty Construction

Precision Machined Cam
Bronze Bearing with Steel Pivot Pin
Wrenchless Upper Adjustments
Legs Included on 72" & 96"

48” 16 Gauge Bench Top Straight Brake  Model 2800-4816S  $1,450.00
Heavy Duty Floor Stand For 48” Sheet Metal Brake  Model 2800-400  $275.00
72” 16 Gauge Straight Brake  Model 2800-7216S  $2,995.00
96” 16 Gauge Straight Brake  Model 2800-9616S  $3,995.00

22 Gauge Straight Brake
Ideal For .040 Aluminum Body Fabrication

Precision Machined Cam
Bronze Bearing with Steel Pivot Pin
Wrenchless Upper Adjustments
Legs Included

72” 22 Gauge Straight Brake  Model 2800-7222S  $1,150.00
72” Radius Bar (Optional)  Model 2800-A310-72  $150.00
96” 22 Gauge Straight Brake  Model 2800-9622S  $1,975.00

These 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.

These 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.

These 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.

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)
52” Foot Shear

- Precision Machined Steel Table
- 52” Cut w/ 52” Table
- Reversible Blades for Extended Life
- Adjustable Blade Clearance For Maximum Versatility
- Adjustable Front Leveling Feet
- Engraved Scale

Max Capacity
16 Ga (.062”) Mild Steel
12 Ga (.080”) 6061 Aluminum
24 Ga (.025”) Stainless

Ultimate 52” 16 Ga Foot Shear Model 3000-52-16 $3,475.00
Back Gauge Kit Model 3000-52-200 $375.00

Radius Brakes

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”, and 6-5/8” diameter tubes included with 4’ machine
- Note: Tube sizes do not necessarily refer to finished part radius. Material type and thickness with affect the true finished radius.

4’ Radius Brake
Model 2800-4816RB $2,895.00
(6 Radius Tubes & 1 Radius Head) (Ship Weight-750 lbs.)

6’ Radius Brake
Model 2800-7216RB $2,995.00
(5 Radius Tubes & 1 Radius Head) (Ship Weight-840 lbs.)

8’ Radius Brake
Model 2800-9618RB $3,495.00
(5 Radius Tubes & 1 Radius Head) (Ship Weight-1090 lbs.)
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.)

Std. Bench Mount Welded English Wheel Model 2900 $1,425.00
Completely finished as shown

Bench Mount Unwelded English Wheel Kit Model 2900-K $1,150.00
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 $325.00
(For model 2900)

Max Capacity:
16 Ga (.060") Mild Steel
10 Ga (.100") Soft Aluminum

Anvil Wheels

<table>
<thead>
<tr>
<th>Anvil Wheels</th>
<th>2-1/2&quot; Dia x 2&quot; Wide</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>2900-A0</td>
<td>$95ea</td>
<td></td>
</tr>
<tr>
<td>12&quot; Rad w/3/4&quot; Flat</td>
<td>2900-A1</td>
<td>$95ea</td>
<td></td>
</tr>
<tr>
<td>8-1/2&quot; Rad w/ 1/2&quot; Flat</td>
<td>2900-A2</td>
<td>$95ea</td>
<td></td>
</tr>
<tr>
<td>5&quot; Rad w/ 3/8&quot; Flat</td>
<td>2900-A3</td>
<td>$95ea</td>
<td></td>
</tr>
<tr>
<td>3-1/4&quot; Rad w/ 1/4&quot; Flat</td>
<td>2900-A4</td>
<td>$95ea</td>
<td></td>
</tr>
<tr>
<td>2-3/8&quot; Rad w/ 1/8&quot; Flat</td>
<td>2900-A5</td>
<td>$95ea</td>
<td></td>
</tr>
<tr>
<td>Set of Wheels Above (6 Wheels)</td>
<td>2900-A</td>
<td>$525</td>
<td></td>
</tr>
<tr>
<td>Edging Anvil</td>
<td>2900-A6</td>
<td>$99ea</td>
<td></td>
</tr>
<tr>
<td>Deep Reach Anvil</td>
<td>2900-A7</td>
<td>$99ea</td>
<td></td>
</tr>
</tbody>
</table>

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

Edging Anvil Model 2900-A6
Deep Reach Anvil Model 2900-A7
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  $2,595.00
Completely finished as shown above

Floor Model English Wheel  Model 4010  $3,095.00
With 9” OD x 3” Wide Upper Wheel & 3” OD x 3” Wide Lower Wheels

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 = 12” 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

Foot Operated Shrinker / Stretcher

Max Capacity: 16 Ga (.060”) Mild Steel
10 Ga (.100”) Soft Aluminum

Metal Shaper Station  Model 3200  $4,650.00
Complete with Stand, Shrinker / Stretcher Body with Jaws, 6 Lower Anvil Wheels

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.

Max Capacity: 16 Ga (.060”) Mild Steel
10 Ga (.100”) Soft Aluminum

Ships Truck Freight
@ 665 lbs.
48”L x 48”W x 65”H
Shrinker / Stretcher
Made In The USA By Lancaster

Power Shrinker-Stretcher
Model 560 $675.00
(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

Model 550-512 $120.00
Model 550-511 $120.00

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 Adaptors
Model 550-100 $315.00
Model 550-101 $205.00
Model 550-102 $205.00

Shrinker / Stretcher Deep Throat
Model 550-100 $315.00
Model 550-101 $205.00
Model 550-102 $205.00

Stretcher Deep Throat Set with Adaptors
Model 550-102 $205.00

Max Capacity
16 Ga (.062”) Mild Steel
14 Ga (.062”) Aluminum
19 Ga (.043”) Stainless

Combo Shrinker-Stretcher Set
Model 550-CU $270.00
(1 Body with one set of shrinker jaws & one set of stretcher jaws)

Individual Bodies
Shrinker Body Model 550-MSHR $185.00
(1 Shrinker Body w/Jaws & Handle)
Stretcher Body Model 550-MSTR $185.00
(1 Stretcher Body w/Jaws & Handle)

Replacement Jaw Sets
Stretcher Jaw Set Model 550-512 $120.00
Shrinker Jaw Set Model 550-511 $120.00

Combo Shrinker & Stretcher
Model 550-CU $270.00
(1 Body with one set of shrinker jaws & one set of stretcher jaws)

Foot Operated Stand
Use your foot to control the machine while your hands are free to move the metal.
Shrinker/ Stretcher Kit w/ Foot Operated Stand
Model 550-FSK $685.00
(Shrinker, Stretcher, & Stand Included in Price)

Stand Only
Model 550-FS $350.00
(Shrinker / Stretcher Not Included in Price)

Floor Stand
Floor Stand with Locking Casters
Model 3100-100 $265.00
Planishing Hammers
Now More Versatile Than Ever

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

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

12” Planishing Hammer with 9 Radius Steel Anvils  Model 2700  $850.00
24” Planishing Hammer with 9 Radius Steel Anvils  Model 2700-24  $999.00

Planishing Hammer Anvils

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4” Rad.</td>
<td>2700-010</td>
<td>$50.00</td>
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<tr>
<td>1-1/2” Rad.</td>
<td>2700-011</td>
<td>$50.00</td>
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<tr>
<td>2” Rad.</td>
<td>2700-012</td>
<td>$50.00</td>
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<tr>
<td>3” Rad.</td>
<td>2700-013</td>
<td>$50.00</td>
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<tr>
<td>4” Rad.</td>
<td>2700-014</td>
<td>$50.00</td>
</tr>
<tr>
<td>6” Rad.</td>
<td>2700-015</td>
<td>$50.00</td>
</tr>
<tr>
<td>8” Rad.</td>
<td>2700-016</td>
<td>$50.00</td>
</tr>
<tr>
<td>12” Rad.</td>
<td>2700-017</td>
<td>$50.00</td>
</tr>
<tr>
<td>Flat</td>
<td>2700-018</td>
<td>$50.00</td>
</tr>
<tr>
<td>Complete 9 Pc. Set</td>
<td>2700-100</td>
<td>$375.00</td>
</tr>
<tr>
<td>Upper Anvil Head</td>
<td>2700-516</td>
<td>$50.00</td>
</tr>
<tr>
<td>Stretcher Die</td>
<td>2700-024</td>
<td>$95.00</td>
</tr>
</tbody>
</table>

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

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

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

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.

<table>
<thead>
<tr>
<th>Dia.</th>
<th>Drill Size</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>1/8&quot;</td>
<td>#30 MB-102-S</td>
<td>$0.60</td>
</tr>
<tr>
<td>3/16&quot;</td>
<td>#10 MB-103-S</td>
<td>$0.60</td>
</tr>
</tbody>
</table>

Individual CLECOS

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 $670.00
Model MB-TP253B - BLADES $160.00

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 $950.00
Model MB-TP254B - BLADES $170.00

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 $1,375.00
Model MB-B3B - BLADES $205.00

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 $440.00

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"
Eff. Body Depth (reach) 1"
Body Length 2-3/16"
Model MB-TP125SG $3.35

Air Rivet Gun
Lightweight, heavy-duty professional
Model 62780 $87.00

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 $50.00

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 $21.00

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 $21.00

High Capacity Offset Snips
Red Handle
(Cuts left and straight)
Model MB-TP904L $33.00

Green Handle
(Cuts right and straight)
Model MB-TP904R $33.00

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

Order Online @ www.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.

- One Piece Urethane Construction.
- No Exposed Metal on Handles or Heads

<table>
<thead>
<tr>
<th>Weight</th>
<th>Model</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 oz</td>
<td>Model MB-TC1</td>
<td>1/2&quot; x 4&quot;</td>
<td>$24.00</td>
</tr>
<tr>
<td>26 oz</td>
<td>Model MB-TC2</td>
<td>3/4&quot; x 6&quot;</td>
<td>$27.00</td>
</tr>
<tr>
<td>45 oz</td>
<td>Model MB-TC3</td>
<td>1&quot; x 8&quot;</td>
<td>$37.00</td>
</tr>
</tbody>
</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>Size</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 Lbs.</td>
<td>Model MB-TCBM1</td>
<td>$43.00</td>
</tr>
<tr>
<td>2.3 Lbs.</td>
<td>Model MB-TCBM2</td>
<td>$48.00</td>
</tr>
<tr>
<td>3 Lbs.</td>
<td>Model MB-TCBM3</td>
<td>$58.00</td>
</tr>
</tbody>
</table>

“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:
  - Model MB-TPA5518 1/2" x 4" $23.00
  - Model MB-TPA5519 3/4" x 6" $29.00
  - Model MB-TPA5520 1" x 8" $36.00

- Curved: pat. pending
  - Model MB-FCTD01 Gentle Curve $49.50
  - Model MB-FCTD02 Crescent $46.50
  - Model MB-FCTD03 Slope $47.50

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model MB-FFS01</td>
<td>Flat</td>
<td>$64.00</td>
</tr>
<tr>
<td>Model MB-CFS01</td>
<td>Curved</td>
<td>$64.00</td>
</tr>
<tr>
<td>Model MB-RBS01</td>
<td>Round</td>
<td>$64.00</td>
</tr>
</tbody>
</table>

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>Model</th>
<th>Diameter</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB-SUM00</td>
<td>Small 2-1/2&quot; dia</td>
<td>$26.00</td>
</tr>
<tr>
<td>MB-MUM00</td>
<td>Medium 2-3/4&quot; dia</td>
<td>$27.00</td>
</tr>
<tr>
<td>MB-LUM00</td>
<td>Large 3&quot; dia</td>
<td>$29.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model MB-LSB12</td>
<td>12&quot;</td>
<td>$39.00</td>
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</table>
Informational DVDs

Jamey Jordan
Art Of Bead Rolling vol. 1 DVD
MB-1000-JJ1...$25.00

Jamey Jordan
Art Of Bead Rolling vol. 2 DVD
MB-1000-JJ2...$30.00

Ron Covell
Shaping Aluminum with Hand Tools DVD
MB-1000-1...$40.00

Ron Covell
Basic Techniques for Working Steel DVD
MB-1000-3...$40.00

Ron Covell
Working With Tubing DVD
MB-1000-4...$40.00

Ron Covell & Ron Fournier
Hammer Forming Techniques DVD
MB-1000-15...$40.00

Ron Covell
English Wheel Techniques DVD
MB-1000-19...$40.00

Ron Covell
TIG Welding Basics DVD
MB-1000-21...$40.00

Ron Covell
Advanced TIG Welding DVD
MB-1000-25...$40.00

Ron Covell
High Power Metalshaping Workshop DVD
MB-1000-26...$40.00

Ron Covell
Beading Machine Basics DVD
MB-1000-31...$40.00

Ron Fournier
Metal Shaping DVD
MB-BSD00...$40.00

Ron Fournier
Sheet Metal Hand Tools DVD
MB-HTV01...$40.00
Mittler Brothers TEAM RECOGNITION

Our Greatest Strength over the 34 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.

<table>
<thead>
<tr>
<th>Name</th>
<th>Years</th>
<th>Name</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greg Klemme</td>
<td>33</td>
<td>Mark Gust</td>
<td>19</td>
</tr>
<tr>
<td>Mike Heinrich</td>
<td>29</td>
<td>Brian Springmeier</td>
<td>19</td>
</tr>
<tr>
<td>Pam Beckham</td>
<td>28</td>
<td>Dave Dodge</td>
<td>18</td>
</tr>
<tr>
<td>Jim Heinrich</td>
<td>26</td>
<td>Jeremy Wortmann</td>
<td>18</td>
</tr>
<tr>
<td>Cindy Snyder</td>
<td>26</td>
<td>Sam Boenker</td>
<td>15</td>
</tr>
<tr>
<td>Bobby Smith</td>
<td>25</td>
<td>Matt Hillmann</td>
<td>15</td>
</tr>
<tr>
<td>Todd Mandernach</td>
<td>23</td>
<td>Kenney Hiatte</td>
<td>14</td>
</tr>
<tr>
<td>Ray Sauer, Jr.</td>
<td>22</td>
<td>Leroy Haney</td>
<td>14</td>
</tr>
<tr>
<td>Shannon Heinrich</td>
<td>22</td>
<td>Dan Walsh</td>
<td>13</td>
</tr>
<tr>
<td>Tom Melton</td>
<td>20</td>
<td>Joe Belaska</td>
<td>10</td>
</tr>
</tbody>
</table>

We Remember
Our Fallen Friends

We would like to take this moment to honor our long time friend and employee, Dan Finnegan. Dan was our chief engineer and technical salesperson for the design build and automation side our business. Dan was very talented and a friend to anyone he met! He was diagnosed with lung cancer in December 2012 and passed away July 6, 2013. Sadly, his daughter Crissy also had cancer and she passed away seven weeks later, leaving her three children without their mother. The tragedy of such a tremendous loss is more than most can bear, even for a family of strong faith, so we ask that you keep the Finnegan family and other cancer victims in your thoughts and prayers.

MB Motorsports 2013 Chevy

MB Motorsports is the only team from the inaugural year of the NASCAR Camping World Truck Series, 1995, still competing in the series. Their first race was run at the Milwaukee Mile that year with the late Tony Roper. Over the years, MB Motorsports has earned a respected reputation for launching the careers of talented, new drivers into NASCAR racing, including the late Tony Roper (1995), the late Kenny Irwin Jr. (1996), Jamie McMurray (1999), Carl Edwards (2002), Regan Smith (2002), Justin Allgaier (2005), Nick Hoffman (2010), Tyler Tanner (2011), Scott Stenzel (2012), & Justin Jennings (2012).

Justin Jennings continued as driver of the # 63 LG Seeds Chevy improving his driving with every race including another first with the team making the first dirt race at historic Eldora speedway. Not only did his driving skills improve he is the only driver in the field to be the chief fabricator of his own trucks, kind of old school for such a young man prompting Mike Mittler to say “he is the best driver we have had since Carl Edwards!”

A special thanks to our 2013 marketing partners:

- EF-65 Hand Cleaner
- Advanced Signs
- Childs Tire
- Dyno Motorsports
- Mittler Brothers Machine & Tool
- Tanner Racing Products by Mittler Brothers

Thanks to additional marketing partners:

- Autometer, CeeKay Supply, Dayco, Dyer Rods, Fel-Pro
- Gaskets, Klusman Racing Components, Mechanix Wear, Moog, MSD, Schoenfeld Headers, and Scott Wires.

Our dedicated volunteer crew provided the support for the 2013 NASCAR race season:

Fabricated Differential Housing
Unique Triangulate 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

Dragster
Tube End
Profab
Road Course

We Can Fabricate A Housing For Any Application
Call For a Quote!
Drag Rear End Brackets

Available in Mild Steel or 4130
Specify Hole Size, Tube Size, and Material Thickness
Detailed Prints Upon Request

Need a custom made bracket? Send us your drawing or pattern for a quote!

Mild Steel or 4130.

All Brackets Shown Are Available in
3/16” or 1/4” Thick
4130 or Mild Steel

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** $1,255.00 $60 savings over individual parts

**New 9” Ford Housings**

- **ECONO** 9” Ford Housing (3/16” thick)  Model 1000-509
  - Precision Laser & Robotic Fabrication.
  - Precision Ground Mounting Surface.
  - Close Fit Axle Tube Sockets.
  - Smooth Back, Great for Street Rods Heavy Duty 3/16” Material 22-3/4” Wide
  - Model 1000-509 $225.00

- **Track 9** Housing NASCAR Approved (3/16” thick)  Model 1000-504
  - Precision Laser & Robotic Fabrication.
  - Internal Gussets Provide Extra Support.
  - Precision Ground Mounting Surface.
  - Close Fit 7” Deep Axle Tube Sockets.
  - High Form 50 Material NASCAR & IMCA Approved 27” Wide
  - Model 1000-504 $300.00

**Track 9 Housing Standard Weight (1/8” thick)**

- **Model 1000-503** $300.00

**“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** $420.00
Rear Hubs

- Forged Steel Hub
- Race Proven On Our NASCAR Truck
- Uses Rotor Adapter Plates - Eliminates Brake Hat

<table>
<thead>
<tr>
<th>Rear Hubs &amp; Parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>5x5 Steel Rear Hub 8.5 Lbs.</td>
</tr>
<tr>
<td>5x5 Aluminum Rear Hub</td>
</tr>
<tr>
<td>Inner / Outer Race ( L610510 )</td>
</tr>
<tr>
<td>Inner / Outer Bearing ( L610549 )</td>
</tr>
<tr>
<td>Axle Seal ( SCP-50395 )</td>
</tr>
<tr>
<td>Hub Seal ( SCP-2168)</td>
</tr>
</tbody>
</table>

8.5 Lbs. Steel

Hubs Come w/ Coarse 5/8" Long Studs, Races

Lite Weight Rear Hubs

- Ideal For Light Weight Cars
- Reduces Rotating & Unsprung Weight
- Uses Same Drive Plate & Bearings As The Grand National Hub Shown Above

5x5 Steel Rear Hub With Studs & Races Model 1400-LWRH..$125.00 ea

<table>
<thead>
<tr>
<th>Wheel Studs _ .690” Knurl ( length from under head to end )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>5/8&quot; dia. x 3-3/4&quot; Long Coarse</td>
</tr>
<tr>
<td>5/8&quot; dia x 2-3/4&quot; Short Coarse</td>
</tr>
<tr>
<td>5/8&quot; dia x 3-3/4&quot; Long Fine</td>
</tr>
<tr>
<td>5/8&quot; dia x 2-3/4&quot; Short Fine</td>
</tr>
</tbody>
</table>

6 Lbs. Steel

Hubs Come w/ Coarse 5/8" Short Studs, Races

Complete Rear Hub Kits

All Complete Hub Kits are For One Wheel & Comes 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

<table>
<thead>
<tr>
<th>Complete Rear Hub Kits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Standard Right Rear Kit ( LONG COARSE 5/8” STUDS ARE STANDARD )</td>
</tr>
<tr>
<td>Standard Left Rear Kit ( LONG COARSE 5/8” STUDS ARE STANDARD )</td>
</tr>
<tr>
<td>Light Weight Right Rear Kit ( SHORT COARSE 5/8” STUDS ARE STANDARD )</td>
</tr>
<tr>
<td>Light Weight Left Rear Kit ( SHORT COARSE 5/8” STUDS ARE STANDARD )</td>
</tr>
<tr>
<td>Steel Drive Flanges (add to Above Price)</td>
</tr>
<tr>
<td>7075 Aluminum Drive Flanges (add to Above Price)</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
- 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 $75.00

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 $95.00

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 $85.00

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 $125.00 ea
Bolt Circle Adapter Aluminum Model 1400-017-A $125.00 ea
(Specify 4-1/2” or 4-3/4” BC and Stud Type)
Floater Housing Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right Hand 5x5 G N Spindle Nut</td>
<td>1400-512</td>
<td>$6.00</td>
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<tr>
<td>Left Hand 5x5 G N Spindle Nut</td>
<td>1400-509</td>
<td>$14.00</td>
</tr>
<tr>
<td>Tang Locking Washer</td>
<td>1400-513</td>
<td>$2.00</td>
</tr>
<tr>
<td>Inner / Outer Bearing ( #L610549 )</td>
<td>1400-501</td>
<td>$27.00</td>
</tr>
<tr>
<td>Inner / Outer Race ( #L610510 )</td>
<td>1400-502</td>
<td>$11.00</td>
</tr>
<tr>
<td>Hub Seal ( SCP-2168 )</td>
<td>1400-510</td>
<td>$3.20</td>
</tr>
<tr>
<td>Axle Seal ( SCP-50395 )</td>
<td>1400-511</td>
<td>$4.45</td>
</tr>
<tr>
<td>O’Ring For Drive Flange ( 241 )</td>
<td>1400-514</td>
<td>$.90</td>
</tr>
<tr>
<td>O’Ring For Hub Cap ( 132 )</td>
<td>1400-515</td>
<td>$.50</td>
</tr>
<tr>
<td>Left Hub Accessory Kit</td>
<td>1400-400-L</td>
<td>$90.00</td>
</tr>
<tr>
<td>Right Hub Accessory Kit</td>
<td>1400-400-R</td>
<td>$90.00</td>
</tr>
<tr>
<td>GN Hub Cap w/ O-Ring &amp; Bolts</td>
<td>1400-009</td>
<td>$17.00</td>
</tr>
</tbody>
</table>

Model 1400-531 $10.00

Grand National Double Spline Axles $105.00 ea
Specify 28 or 31 Spline

Light Weight Gun Drilled Axles $160.00 ea
31 Spline Only

Grand National Rear Snout Left Model 800-004-L $48.00 ea
Grand National Rear Snout Right Model 800-004-R $48.00 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 $50.00 ea
#11 Speedway Spindle Nut Model 1400-014 $50.00 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 $56.00 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 $75.00

Early Big Ford Housing Ends. 3.150” Bore, 2” Thick, Uses An Axle Seal, 3/8” Bolt Holes
Model 1000-253 $75.00

Late Model Big Ford (Torino) Housing Ends. 3.150” Bore, 3/8” Holes
Model 1000-254 $75.00

Symmetrical / Lamb Housing Ends 3.150” Bore, 3/8” Bolt Holes
Model 1000-255 $75.00

Oldsmobile Housing Ends 3.150” Bore 3/8” Bolt Holes
Model 1000-251 $75.00

These 2-1/2” Fill Cap Assemblies Have A Steel Weld Bung & Aluminum Cap
Model 1000-302 $50.00

These 1-1/4” Fill Cap Assemblies Have A Steel Weld Bung & Aluminum Cap. They Also work Great For Weight Bars
Model 1000-301 $40.00

These 1/2” Pipe Threaded Fittings Are 1/2” High & Have A 7/8” Register Diameter
Model 1000-320 $4.50

This 1/8” Pipe Weld Bung and Vent Fitting Work Great For Race Applications
Model 1000-340 $4.50

Grade 8 Press In Face Plate Studs for 9” Fords
Set of 10
Model 1000-505-S $24.00

Pinion Angle Plate
Just bolt the plate to the right side third member studs. Use a digital level to set pinion angle.

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. This will allow you to maintain this critical angle.

Pinion Angle Plate Model 1000-310 $17.50
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” by 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)

Rear End Narrowing Kit as Described Above Model 1000-RENK1 $575.00

Optional Outer Line Up Blocks

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Ford / Dana /Olds - 3.150/ 2.875</td>
<td>1000-001-4</td>
<td>$105.00</td>
</tr>
<tr>
<td>GM Car / Ford 8.8” 2.250 / 2.577</td>
<td>1000-001-5</td>
<td>$105.00</td>
</tr>
<tr>
<td>GN Floater Snout Alignment Rings (works with 1000-RENK2)</td>
<td>1000-005</td>
<td>$50.00</td>
</tr>
<tr>
<td>Strange Floater Line-Up Pucks 1-1/2” ID</td>
<td>1000-002-9</td>
<td>$150.00</td>
</tr>
<tr>
<td>Strange Floater Line-Up Pucks 1-3/8” ID</td>
<td>1000-002-12</td>
<td>$150.00</td>
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Optional Inner Line Up Blocks

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Dana 60 - 3.812</td>
<td>1000-002-1</td>
<td>$85.00</td>
</tr>
<tr>
<td>Ford 9”, 8” / GM 10 Bolt - 2.890</td>
<td>1000-002-2</td>
<td>$75.00</td>
</tr>
<tr>
<td>Dana 44 / Olds 57-64 /Chry 8-3/4” - 3.265</td>
<td>1000-002-8</td>
<td>$85.00</td>
</tr>
<tr>
<td>Ford 9”, 8.8” / GM 12 Bolt Car 3.062</td>
<td>1000-002-4</td>
<td>$75.00</td>
</tr>
<tr>
<td>Tube Line Up Ring for Floater Kit (1000-RENK2)</td>
<td>1000-006</td>
<td>$75.00</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.

Pinion Centering Plate Model 1000-004 $75.00

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. And Includes Inner Blocks To Fit 9” Ford (Specify Size), Tube Alignment Rings To Square Tube With Center, Snout Alignment Rings, 72” Alignment Bar and Pinion Centering Plate.

Floater Rear End Narrowing Kit as Described Above Model 1000-RENK2 $450.00

Order Toll Free 1-800-467-2464
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

11-1/2 lbs. Complete

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

Impala Front Hubs & Parts

| Description                  | Part #  | Price
|------------------------------|---------|-------
| Steel Front Hub 9 Lbs.       | 1400-IMPS | $125.00 |
| Aluminum Front Hub 7 Lbs.    | 1400-IMPA | $175.00 |
| Inner Bearing (LM48548)      | 1400-530 | $8.50  |
| Inner Race (LM48510)         | 1400-508 | $4.75  |
| Outer Bearing (LM12649)      | 1400-529 | $7.70  |
| Outer Race (LM12610)         | 1400-507 | $4.00  |
| Seal (19753)                 | 1400-522 | $2.30  |

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

Fits SCP GN Front Spindle

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

5 x 5 Front Hubs & Parts

| Description                        | Part #  | Price
|------------------------------------|---------|-------
| Steel Front Hub                    | 1400-5x5S | $125.00 |
| Aluminum Front Hub                 | 1400-5x5A | $175.00 |
| Inner Bearing (3383)               | 1400-516 | $27.40 |
| Inner Race (3320)                  | 1400-518 | $12.75 |
| Outer Bearing (2687)               | 1400-517 | $16.15 |
| Outer for Steel Hub (2630)         | 1400-519 | $22.00 |
| Outer Race For Aluminum Hub (2620)| 1400-520 | $22.00 |
| Seal (23666)                       | 1400-521 | $9.25  |

Rotor Adapter Plates

| Description                                  | Part #  | Price
|----------------------------------------------|---------|-------
| 8 Hole Aluminum on 7" B.C. 1-1/4 lbs.        | 1400-003-A | $30.00 ea |
| 8 Hole Steel on 7" B.C.                      | 1400-003-S | $30.00 ea |
| 10 Hole Aluminum on 6.8" B.C                 | 1400-002-A | $30.00 ea |
| 10 Hole Steel on 6.8" B.C                    | 1400-002-S | $30.00 ea |

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) $5.00

Rotor Bolt Kit For 10 Hole Rotors
Model 1400-504-15 (15pcs) $5.50
### Off Road Housings & Hubs

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

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

**Off Road Basic Housing**

We Can Fabricate A Housing For Any Application

Call for a Quote!

Optional Bracing Shown

### Off Road Rear Hub Kits

**Description**

**Part #**

**Price**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5x5-1/2 Right Rear Hub Kit - 40 spl</td>
<td>1400-403-R</td>
<td>$490.00</td>
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<tr>
<td></td>
<td>1400-403-L</td>
<td>$490.00</td>
</tr>
<tr>
<td>5x5-1/2 Right Rear Hub Kit - 24 spl</td>
<td>1400-406-R</td>
<td>$490.00</td>
</tr>
<tr>
<td></td>
<td>1400-406-L</td>
<td>$490.00</td>
</tr>
<tr>
<td>5x5-1/2 Left Rear Hub Kit - 40 spl</td>
<td>1400-403-L</td>
<td>$490.00</td>
</tr>
<tr>
<td></td>
<td>1400-403-R</td>
<td>$490.00</td>
</tr>
<tr>
<td>5x5-1/2 Left Rear Hub Kit - 24 spl</td>
<td>1400-406-L</td>
<td>$490.00</td>
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<tr>
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<td>1400-406-R</td>
<td>$490.00</td>
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<td>1400-406-R</td>
<td>$490.00</td>
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<td></td>
<td>1400-406-L</td>
<td>$490.00</td>
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<td>1400-406-R</td>
<td>$490.00</td>
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<tr>
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<td>1400-406-L</td>
<td>$490.00</td>
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<td></td>
<td>1400-406-R</td>
<td>$490.00</td>
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<tr>
<td>5x5-1/2 Left Rear Hub Kit - 24 spl</td>
<td>1400-406-L</td>
<td>$490.00</td>
</tr>
<tr>
<td></td>
<td>1400-406-R</td>
<td>$490.00</td>
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### 5x5-1/2 Steel Drive Flange

**Description**

**Part #**

**Price**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>24 Spline Steel Drive Flange</td>
<td>1400-043-24</td>
<td>$165.00</td>
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<tr>
<td>40 Spline Steel Drive Flange</td>
<td>1400-043-40</td>
<td>$175.00</td>
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### Off Road 5x5 - 1/2 Hub Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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</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>$150.00</td>
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<tr>
<td>Bearing #L610549 - Timkin included in hub Price</td>
<td>1400-536</td>
<td>$72.00</td>
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<tr>
<td>Bearing Race #L610501 - Timkin</td>
<td>1400-537</td>
<td>$30.00</td>
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<tr>
<td>#12 Spindle Nut w/Lock ring - Right hand Thread</td>
<td>1400-538</td>
<td>$14.50</td>
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<tr>
<td>#12 Spindle Nut w/Lock ring - Left hand Thread</td>
<td>1400-539</td>
<td>$14.50</td>
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<tr>
<td>O-Ring for Drive Flange to Hub - Large</td>
<td>1400-514</td>
<td>$1.25</td>
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<tr>
<td>Seal - Hub</td>
<td>1400-510</td>
<td>$3.20</td>
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<tr>
<td>Seal - Axle</td>
<td>1400-511</td>
<td>$4.45</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>
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<tr>
<td>Rear Dust Cap w/bolts &amp; O-Ring - 40 Spline</td>
<td>1400-054</td>
<td>$17.00</td>
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<tr>
<td>Rear Dust Cap w/bolts &amp; O-Ring - 24 Spline</td>
<td>1400-009</td>
<td>$17.00</td>
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<tr>
<td>Left Hub Accessory Kit - 40 Spline</td>
<td>1400-404-L</td>
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<tr>
<td>Right Hub Accessory Kit - 40 Spline</td>
<td>1400-404-R</td>
<td>$175.00</td>
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<tr>
<td>Left Hub Accessory Kit - 24 Spline</td>
<td>1400-405-L</td>
<td>$175.00</td>
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<tr>
<td>Right Hub Accessory Kit - 24 Spline</td>
<td>1400-405-R</td>
<td>$175.00</td>
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### Off Road Spindle Snout

<table>
<thead>
<tr>
<th>Description</th>
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<th>Price</th>
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<tbody>
<tr>
<td>Off Road 4130 Snout Left</td>
<td>1400-004-ML</td>
<td>$125.00</td>
</tr>
<tr>
<td>Off Road 4130 Snout Right</td>
<td>1400-004-MR</td>
<td>$125.00</td>
</tr>
<tr>
<td>8 Hole Steel on 7&quot; B.C.</td>
<td>1400-003-S</td>
<td>$30.00 ea</td>
</tr>
<tr>
<td>10 Hole Steel on 6.8&quot; B.C.</td>
<td>1400-002-S</td>
<td>$30.00 ea</td>
</tr>
<tr>
<td>Rotor Bolt Kit-18 pcs</td>
<td>1400-505-18</td>
<td>$6.50</td>
</tr>
</tbody>
</table>
Lite 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

9” Ford Mini Spool

PRECISION CNC MACHINED

- Heat Treated
- Lite Weight
- Replaces Stock-Type Side Gears
- Available In 28 and 31 Spline
- Optional 4130 Pin

9” FORD SPOOL

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultra Lite Steel Spool 4130 Heat Treat - 31 Spline</td>
<td>1500-002-31-FUL</td>
<td>5.94 lbs.</td>
</tr>
<tr>
<td>Standard Steel Spool 4130 Heat Treat - 28 Spline</td>
<td>1500-006-28-FSTD</td>
<td>7.82 lbs.</td>
</tr>
<tr>
<td>Standard Steel Spool 4130 Heat Treat - 31 Spline</td>
<td>1500-006-31-FSTD</td>
<td>7.82 lbs.</td>
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<tr>
<td>Standard Steel Spool 4130 Heat Treat - 33 Spline</td>
<td>1500-006-33-FSTD</td>
<td>7.82 lbs.</td>
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<tr>
<td>“Scalloped” Steel Spool 4130 Heat Treat - 40 Spline</td>
<td>1500-023-40-FS</td>
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<tr>
<td>Standard Steel Spool - 35 Spline Small Bearing</td>
<td>1500-018-35-SBS-F</td>
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<tr>
<td>Standard Steel Spool - 35 Spline Big Bearing</td>
<td>1500-025-35-BBS-F</td>
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<tr>
<td>Standard Steel Spool - 35 Spline (Strange)</td>
<td>1500-006-35-FS-STG</td>
<td>7.82 lbs.</td>
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9” FORD MINI SPOOLS

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>28 Spline Mini Spool</td>
<td>1500-020-28-FMS</td>
<td>2.98 lbs.</td>
</tr>
<tr>
<td>31 Spline Mini Spool</td>
<td>1500-020-31-FMS</td>
<td>2.74 lbs.</td>
</tr>
<tr>
<td>Moly Cross Pin</td>
<td>1500-102</td>
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</table>

CHRYSLER SPOOLS

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Weight</th>
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DANA 44 SPOOLS

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dana 44 4130 Heat Treat - 30 Spline High Series</td>
<td>1500-010-30-DAHS</td>
<td>9.44 lbs.</td>
</tr>
<tr>
<td>Dana 44 4130 Heat Treat - 30 Spline Low Series</td>
<td>1500-010-30-DALS</td>
<td>9.44 lbs.</td>
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</table>

TOYOTA SPOOLS

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toyota 8” 4130 Heat Treat - 30 Spline</td>
<td>1500-017-30-T8</td>
<td>6.64 lbs.</td>
</tr>
<tr>
<td>Toyota V6 4130 Heat Treat - 30 Spline</td>
<td>1500-024-30-TV6</td>
<td>6.92 lbs.</td>
</tr>
<tr>
<td>Dwarf &amp; Legend - Steel, 10 Bolt - 23 Spline</td>
<td>1500-030-23-S-DL10</td>
<td>3.56 lbs.</td>
</tr>
<tr>
<td>Dwarf &amp; Legend - Steel, 8 Bolt - 23 Spline</td>
<td>1500-031-23-S-DL8</td>
<td>2.92 lbs.</td>
</tr>
<tr>
<td>Dwarf &amp; Legend - Aluminum, 10 Bolt - 23 Spline</td>
<td>1500-030-23-AL-DL10</td>
<td>1.74 lbs.</td>
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<tr>
<td>Dwarf &amp; Legend - Aluminum, 8 Bolt - 23 Spline</td>
<td>1500-031-23-AL-DL8</td>
<td>1.24 lbs.</td>
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<tr>
<td>MINI Dwarf &amp; Legend - Steel, 8 Bolt - 23 Spline</td>
<td>1500-032-23-MS-DL</td>
<td>1.18 lbs.</td>
</tr>
</tbody>
</table>

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

Contact Your Nearest Dealer

Danny Miller's Rear Gears....................... Valley Park, MO..................................................... 636-861-3900
West Coast Differentials...................... Rancho Cordova, CA............................................. 916-635-0950
Predator Race Parts............................. Lincoln, NE.................................................... 402-202-7322
Doug Herbert Performance..................... Concord, NC..................................................... 800-444-7373
4-Wheel Parts......50 Stores Nationwide...Main Store Compton, CA........................................... 310-900-7725

(See www.4wheelparts.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 & Labor
- 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

We Start With High Quality Timken 4340 Material

All Cranks Machined On Our 5 Axis Mazak Integrex CNC
This Technology Lets Us Build A Custom Crank For Your Exact Application

Order Toll Free 1-800-467-2464
**Misc. Tools**

### Frame Height Gauges

- Laser Etched
- Easy to Grip
- Solid Aluminum Construction

<table>
<thead>
<tr>
<th>1-3/4&quot; to 3-3/8&quot;</th>
<th>Model 56010</th>
<th>$34.50</th>
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<tbody>
<tr>
<td>3-1/2&quot; to 4-3/4&quot;</td>
<td>Model 56020</td>
<td>$34.50</td>
</tr>
<tr>
<td>4&quot; to 7-3/8&quot;</td>
<td>Model 56030</td>
<td>$39.00</td>
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</table>

### AN Wrenches

- Laser Etched
- 90° & 15° Ends
- Will Not Spread Apart
- Color Anodized For Easy ID
- CNC Precision Machined

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>-3 thru -10 Wrench Set</td>
<td>62100</td>
<td>$89.75</td>
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<tr>
<td>-6 thru -16 Wrench Set</td>
<td>62200</td>
<td>$101.25</td>
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<tr>
<td>-3 thru -20 Wrench Set</td>
<td>62300</td>
<td>$163.00</td>
</tr>
<tr>
<td>-3 Single Wrench (7/16&quot;)</td>
<td>62003</td>
<td>$23.00</td>
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<tr>
<td>-4 Single Wrench (9/16&quot;)</td>
<td>62004</td>
<td>$23.00</td>
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<tr>
<td>-6 Single Wrench (11/16&quot;)</td>
<td>62006</td>
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<td>-8 Single Wrench (7/8&quot;)</td>
<td>62008</td>
<td>$23.00</td>
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<tr>
<td>-10 Single Wrench (1&quot;)</td>
<td>62010</td>
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<tr>
<td>-12 Single Wrench (1-1/4&quot;)</td>
<td>62012</td>
<td>$28.00</td>
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<tr>
<td>-16 Single Wrench (1-1/2&quot;)</td>
<td>62016</td>
<td>$28.00</td>
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<tr>
<td>-20 Single Wrench (1-13/16&quot;)</td>
<td>62020</td>
<td>$31.25</td>
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### 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>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>Kryptonite 2-1/4&quot; Short Super Socket</td>
<td>Model 600-002-KS</td>
<td>$79.00</td>
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<tr>
<td>Kryptonite 3-1/4&quot; Long Super Socket</td>
<td>Model 600-001-KL</td>
<td>$89.00</td>
</tr>
<tr>
<td>Original 2-1/4&quot; Short Super Socket</td>
<td>Model 600-002-S</td>
<td>$53.00</td>
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<tr>
<td>Original 3-1/4&quot; Long Super Socket</td>
<td>Model 600-001-L</td>
<td>$58.00</td>
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</table>

### Plumb Bob Kit

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Plumb Bob Kit</td>
<td>Model 56300</td>
<td>$20.50</td>
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### Safety Wire & Pliers

<table>
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<tr>
<th>Description</th>
<th>Part #</th>
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<tbody>
<tr>
<td>9&quot; Safety Wire Pliers</td>
<td>MB-TP68SR</td>
<td>$26.25</td>
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<tr>
<td>9&quot; Milbar Safety Wire Pliers</td>
<td>MB-TP68R</td>
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<tr>
<td>Safety Wire .020&quot;</td>
<td>MB-TP67</td>
<td>$14.75</td>
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<tr>
<td>Safety Wire .032&quot;</td>
<td>MB-TP65</td>
<td>$13.75</td>
</tr>
<tr>
<td>Safety Wire .041&quot;</td>
<td>MB-TP66</td>
<td>$13.75</td>
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### Air Rivet Gun

- MB Model 62780 $87.00

**Order Toll Free 1-800-467-2464**
**Misc. Accessories**

**Quick Release Steering Wheel Disconnect**

- Deluxe Steering Wheel Disconnect: Model 85150, $82.00
- Replacement Spline for Above: Model 85155, $37.25

**“Solid Core” Steering Wheel**

- Helps To Prevent Broken Fingers & Thumbs!
- Aluminum Construction
- Ribbed Cover
- 15” Diameter
- 3-1/2 lbs.
- Model 2600, $99.00

**Header Wrap**

- Reflects The Heat So Your Feet & Legs Don’t Feel It.
- 1” x 12’ Roll (Natural Only): Model 66012, $11.50
- 2” x 25’ Roll: Model 66025, $27.00
- 2” x 50’ Roll: Model 66050, $38.25
- 2” x 100’ Roll: Model 66100, $70.25

**Shifter Boot Kit**

- Drawstring for Easy Changes
- Includes: Boot, Frame & Rivets
- Shift Boot Kit: Model 40810, $84.25
- Shift Boot Only: Model 40812, $62.00
- Frame Only: Model 40814, $25.75

**Frame / Cage Gussets**

- Stronger Than Flat Gussets
- Fit 1-1/2” to 1-3/4” Tube
- No Trimming Required
- 10 Pack: Model 40310, $21.25
- 25 Pack: Model 40312, $50.00
- 100 Pack: Model 40314, $195.75

**Heat Insulating Floor Mats**

- Reflects The Heat So Your Feet & Legs Don’t Feel It.
- 10” x 10” Mat: Model 67120, $33.50
- 10” x 15” Mat: Model 67130, $43.25
- 10” x 20” Mat: Model 67140, $51.25
- 20” x 20” Mat: Model 67150, $76.25
- 20” x 30” Mat: Model 67160, $84.50

**“Solid Core” Steering Wheel**

- Model 2600, $99.00

**Misc. Tools**

- Deluxe Steering Wheel Disconnect: Model 85150, $82.00
- Replacement Spline for Above: Model 85155, $37.25

**Frame / Cage Gussets**

- Stronger Than Flat Gussets
- Fit 1-1/2” to 1-3/4” Tube
- No Trimming Required
- 10 Pack: Model 40310, $21.25
- 25 Pack: Model 40312, $50.00
- 100 Pack: Model 40314, $195.75

**Header Wrap**

- Available in: BLACK or NATURAL
- 1” x 12’ Roll (Natural Only): Model 66012, $11.50
- 2” x 25’ Roll: Model 66025, $27.00
- 2” x 50’ Roll: Model 66050, $38.25
- 2” x 100’ Roll: Model 66100, $70.25

**Specify Color When Ordering:** BLACK or NATURAL
Clamp on Chassis Accessories

**Drink Holders**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>1-1/2” Blue Drink Bottle Kit</td>
<td>95320-Blue</td>
<td>$60.25</td>
</tr>
<tr>
<td>1-1/2” Gray Drink Bottle Kit</td>
<td>95320-Gray</td>
<td>$60.25</td>
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<tr>
<td>1-1/2” Red Drink Bottle Kit</td>
<td>95320-Red</td>
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<tr>
<td>1-3/4” Blue Drink Bottle Kit</td>
<td>95340-Blue</td>
<td>$60.25</td>
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<tr>
<td>1-3/4” Gray Drink Bottle Kit</td>
<td>95340-Gray</td>
<td>$60.25</td>
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<tr>
<td>1-3/4” Red Drink Bottle Kit</td>
<td>95340-Red</td>
<td>$60.25</td>
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**Radio Holders**

<table>
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<tr>
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<tbody>
<tr>
<td>1-1/2” Blue Box</td>
<td>95220-Blue</td>
<td>$65.00</td>
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<tr>
<td>1-1/2” Gray Box</td>
<td>95220-Gray</td>
<td>$65.00</td>
</tr>
<tr>
<td>1-1/2” Red Box</td>
<td>95220-Red</td>
<td>$65.00</td>
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<tr>
<td>1-3/4” Blue Box</td>
<td>95240-Blue</td>
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<tr>
<td>1-3/4” Gray Box</td>
<td>95240-Gray</td>
<td>$65.00</td>
</tr>
<tr>
<td>1-3/4” Red Box</td>
<td>95240-Red</td>
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**Kwik Change Drink Holder**

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>1-1/2” Blue Kwik Change Drink Kit</td>
<td>95325-Blue</td>
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<tr>
<td>1-1/2” Gray Kwik Change Drink Kit</td>
<td>95325-Gray</td>
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<tr>
<td>1-1/2” Red Kwik Change Drink Kit</td>
<td>95325-Red</td>
<td>$98.00</td>
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<tr>
<td>1-3/4” Blue Kwik Change Drink Kit</td>
<td>95345-Blue</td>
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<tr>
<td>1-3/4” Gray Kwik Change Drink Kit</td>
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<td>1-3/4” Red Kwik Change Drink Kit</td>
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**Single Clamp On Coil Mounts**

<table>
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<tbody>
<tr>
<td>1-1/2” Blue Single Coil Clamp</td>
<td>95620-Blue</td>
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<tr>
<td>1-1/2” Gray Single Coil Clamp</td>
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<tr>
<td>1-1/2” Red Single Coil Clamp</td>
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<td>1-3/4” Blue Single Coil Clamp</td>
<td>95640-Blue</td>
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<tr>
<td>1-3/4” Gray Single Coil Clamp</td>
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<tr>
<td>1-3/4” Red Single Coil Clamp</td>
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**Firewall Bolt On Coil Mount**

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<tr>
<td>Blue Coil Clamp</td>
<td>95610-Blue</td>
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<td>Gray Coil Clamp</td>
<td>95610-Gray</td>
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<td>Red Coil Clamp</td>
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**Helmet Hooks**

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<tr>
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<td>1-1/2” Gray Helmet Hook</td>
<td>95420-Gray</td>
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<td>1-1/2” Red Helmet Hook</td>
<td>95420-Red</td>
<td>$11.00</td>
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<tr>
<td>1-5/8” Blue Helmet Hook</td>
<td>95430-Blue</td>
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<td>1-5/8” Gray Helmet Hook</td>
<td>95430-Gray</td>
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<td>1-5/8” Red Helmet Hook</td>
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<td>$11.00</td>
</tr>
<tr>
<td>1-3/4” Blue Helmet Hook</td>
<td>95440-Blue</td>
<td>$11.00</td>
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<td>1-3/4” Gray Helmet Hook</td>
<td>95440-Gray</td>
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<tr>
<td>1-3/4” Red Helmet Hook</td>
<td>95440-Red</td>
<td>$11.00</td>
</tr>
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**Mirror Mount Kits**

- **1-1/2” Mirror Mount Kit** | Model 95700 | $34.50
- **1-3/4” Mirror Mount Kit** | Model 95710 | $34.50

**Rear End Breather**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
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<tbody>
<tr>
<td>1-1/2” Blue Vent-Clamp</td>
<td>95520-Blue</td>
<td>$36.25</td>
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<tr>
<td>1-1/2” Red Vent-Clamp</td>
<td>95520-Red</td>
<td>$36.25</td>
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<tr>
<td>1-3/4” Blue Vent-Clamp</td>
<td>95540-Blue</td>
<td>$36.25</td>
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<tr>
<td>1-3/4” Red Vent-Clamp</td>
<td>95540-Red</td>
<td>$36.25</td>
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**Reduction Bushings**

- **1-3/4” to 1-1/2” Reduction Bushing** | Model 95000 | $8.50
- **1-3/4” to 1-5/8” Reduction Bushing** | Model 95010 | $8.50

**Replacement Breather**

- **Model 95500** | $19.25

**Long Reach Universal Clamps**

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>1” Long Reach Universal Clamp</td>
<td>95810</td>
<td>$21.50</td>
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<tr>
<td>1-1/4” Long Reach Universal Clamp</td>
<td>95815</td>
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</tr>
<tr>
<td>1-1/2” Long Reach Universal Clamp</td>
<td>95820</td>
<td>$21.50</td>
</tr>
<tr>
<td>1-3/4” Long Reach Universal Clamp</td>
<td>95840</td>
<td>$21.50</td>
</tr>
<tr>
<td>2” Long Reach Universal Clamp</td>
<td>95860</td>
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</tr>
<tr>
<td>2-1/4” Long Reach Universal Clamp</td>
<td>95880</td>
<td>$21.50</td>
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</table>

**Short Reach Universal Clamps**

- **1” Diameter Universal Clamp** | Model 95715 | $19.25
- **1-1/2” Diameter Universal Clamp** | Model 95720 | $19.25
- **1-3/4” Diameter Universal Clamp** | Model 95740 | $19.25

**Rear End Breather Tank**

- **Model 95525** | $43.25
- **Model 95545** | $43.25

**Clamp on Chassis Accessories**

Breathers Work on Rear Ends and Transmissions!
### Gauge & Switch Panels

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30500</td>
<td>2 Gauge Panel (oil psi-water temp)</td>
<td>$294.00</td>
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<tr>
<td>30505</td>
<td>3 Gauge Panel (oil psi-water temp-fuel psi)</td>
<td>$431.50</td>
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<tr>
<td>30530</td>
<td>3 Gauge Panel (oil psi-water temp-oil temp)</td>
<td>$464.25</td>
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<td>30540</td>
<td>4 Gauge Panel (oil psi-water temp-fuel psi-oil temp)</td>
<td>$567.00</td>
</tr>
<tr>
<td>30600</td>
<td>Starter Button &amp; Ign.</td>
<td>$42.25</td>
</tr>
<tr>
<td>30610</td>
<td>Starter Button, Ign. &amp; 1 Acc.</td>
<td>$54.00</td>
</tr>
<tr>
<td>30611</td>
<td>Starter Button, Ign. &amp; 1 Acc. w/ Light</td>
<td>$56.75</td>
</tr>
<tr>
<td>30620</td>
<td>Starter Button, Ign. &amp; 2 Acc.</td>
<td>$64.75</td>
</tr>
<tr>
<td>30621</td>
<td>Starter Button, Ign. &amp; 2 Acc. w/ Light</td>
<td>$67.50</td>
</tr>
<tr>
<td>30630</td>
<td>Starter Button, Ign. &amp; 3 Acc.</td>
<td>$75.75</td>
</tr>
<tr>
<td>30631</td>
<td>Starter Button, Ign. &amp; 3 Acc. w/ Light</td>
<td>$78.50</td>
</tr>
<tr>
<td>30640</td>
<td>Starter Button &amp; Magneto</td>
<td>$44.25</td>
</tr>
</tbody>
</table>

Specify Color When Ordering: RED, BLUE or BLACK

### Gaugelite Kits & Parts

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>32005</td>
<td>Oil Pressure Sending Unit</td>
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<tr>
<td>32020</td>
<td>Water Temp Sending Unit</td>
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<tr>
<td>32040</td>
<td>Oil Temp Sending Unit</td>
<td>$17.50</td>
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<tr>
<td>32070</td>
<td>Fuel Pressure Sending Unit</td>
<td>$14.50</td>
</tr>
<tr>
<td>32100</td>
<td>Oil Pressure GAUGELITE Kit</td>
<td>$23.50</td>
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<tr>
<td>32120</td>
<td>Water Temp GAUGELITE Kit</td>
<td>$24.75</td>
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<tr>
<td>32150</td>
<td>Oil Temp GAUGELITE Kit</td>
<td>$24.75</td>
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<tr>
<td>32170</td>
<td>Fuel Pressure GAUGELITE Kit</td>
<td>$23.50</td>
</tr>
<tr>
<td>32195</td>
<td>Red Replacement Light</td>
<td>$9.75</td>
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<tr>
<td>32196</td>
<td>Amber Replacement Light</td>
<td>$9.75</td>
</tr>
<tr>
<td>32197</td>
<td>Clear Replacement Light</td>
<td>$9.75</td>
</tr>
<tr>
<td>32198</td>
<td>Blue Replacement Light</td>
<td>$9.75</td>
</tr>
<tr>
<td>32199</td>
<td>Switch Panel Light</td>
<td>$7.50</td>
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<tr>
<td>33000</td>
<td>Replacement Bulbs (2 pk)</td>
<td>$3.75</td>
</tr>
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</table>

### Standard Switch Panels

- **Starter Button & Ign.**
  - Model 30500: $30.75
- **Starter Button, Ign. & Light**
  - Model 30501: $39.50
- **Starter Button, Ign. & 1 Acc.**
  - Model 30505: $39.50
- **Starter Button, Ign. & 1 Acc. w/ Light**
  - Model 30511: $41.25
- **Starter Button, Ign. & 2 Acc.**
  - Model 30520: $54.25
- **Starter Button, Ign. & 2 Acc. w/ Light**
  - Model 30521: $57.50
- **Starter Button, Ign. & 3 Acc.**
  - Model 30530: $67.50
- **Starter Button, Ign. & 3 Acc. w/ Light**
  - Model 30531: $69.50
- **Starter Button & Magneto**
  - Model 30540: $33.50

### Deluxe Switch Panels

**With Aircraft Flip Cover**

- **Starter Button & Ign.**
  - Model 30600: $42.25
- **Starter Button, Ign. & 1 Acc.**
  - Model 30610: $54.00
- **Starter Button, Ign. & 1 Acc. w/ Light**
  - Model 30611: $56.50
- **Starter Button, Ign. & 2 Acc.**
  - Model 30620: $64.75
- **Starter Button, Ign. & 2 Acc. w/ Light**
  - Model 30621: $67.50
- **Starter Button, Ign. & 3 Acc.**
  - Model 30630: $75.75
- **Starter Button, Ign. & 3 Acc. w/ Light**
  - Model 30631: $78.50
- **Starter Button & Magneto**
  - Model 30640: $44.25

Specify Color When Ordering: RED, BLUE or BLACK
Switches & Electrical

Aircraft Safety Cover

Safety Cover Model 33020 $15.50

Aluminum Switch Handle Extensions

2" Extension (pair) Model 33060 $10.50
3" Extension (pair) Model 33070 $11.75

Sprint Car Battery Pack

• High Temp Wire
• All Hook Ups
• Switch
• 20 lb. Sender
• 9 Volt Battery Holder

Battery Pack Kit Model 32180 $41.25

Weather Proof Switch Cover

Weather Proof Cover Model 33040 $4.25

Ignition Switch

Ignition Switch w/ Weather Proof Cover Model 33100 $11.00
Start / Ignition Switch Model 33130 $16.00
Magneto Switch Model 33140 $15.00

Push Button Starter Switch

HD Push Button Starter Switch Model 33150 $11.75

Master Switches

Switch Panels Available in: Red, Blue & Black

Master Switch Model 35100 $30.25
Master Switch w/ Panel Model 35200 $35.00
Alternator Master Switch Model 35300 $39.50

Battery Cable Ends

Lug End Model 36200 $24.75
Std. Positive End Model 36220 $27.00
Std. Negative End Model 36240 $27.00

Charging Posts

Red (pos) Charging Post Model 36320 $17.50
Black (neg) Charging Post Model 36340 $17.50

Through Panel Battery Cable Connectors

Red (pos) Through Panel Post Model 36420 $15.50
Black (neg) Through Panel Post Model 36440 $15.50
Data Recording

**Air Density Gauge**

**Used By All Top Teams**

Auto Racing, Motorcycling, Snowmobiling, Drag Racing and More. Relative air density allows you to fine tune your engine. This gauge works for 2 and 4 stroke engines.

- Don’t Be Fooled By Look A Likes
- Don’t Get Out Powered
- Optimize Engine Tuning
- 4” Diameter

**Air Density Gauge Only**
Model 81000 $130.75

**Air Density Gauge w/ Case**
Model 81020 $145.00

**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.

**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

---

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1-800-467-2464
Pyrometers

Smart Temp Memory Pyrometer

Smart Temp will store 10 complete sets of temperatures recording three places per tire. Comes with detachable probe and foam lined protective case. Designed for left or right handed use. The Smart Temp can be ordered with the Auto Lock feature which seeks the highest temp, records it, and prompts you to move the probe to the next location. An excellent diagnostic tool for chassis tuning allowing you to pinpoint problem areas in your chassis setup.

• 10 sets of Memory
• 3 Temps Per Wheel
• Carrying Case
• Left or Right Handed
• Temperature Averaging
• Adjustable Contrast
• Detachable / Replaceable Probe

Digital Tire Pyrometers

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

Digital Pyrometer w/ Case Model 21100 $174.25
Digital Pyrometer w/o Case Model 21000 $163.00

Replacement Storage Case Model 53666 $27.50

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 $118.75

Replacement Tire Probe

• Racing Tire Probe
• Fast Updates
• Strong Tip

Replacement Storage Case Model 21050 $65.50

Order Online @ www.mittlerbros.com
Bump Stop Adjuster

Model 56160 $349.00

The remote adjustable bump stop perch is a new innovative method to making 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

Pivot Jack

An Innovative Solution To Tight Garage Spaces!

The ULTIMATE Pivot Jack satisfies many needs for the automotive industry, motorsports, and the hobbyist. Unique 360° pivoting handle allows user to jack vehicles in tight areas. Twist handle release allows for a smooth controlled down action as well.

- 1 Ton Capacity
- Weighs 55 Lbs.
- Handle Pivots 360°
- 21" Maximum Height
- 3 1/2" Minimum Height
- Aluminum Construction
- Built In Hydraulic Bypass
- 16 Strokes To Maximum Height

Who benefits from the Pivot Jack?

- Tire Stores
- Restoration
- Auto Shops
- Body Shops
- Race Teams
- Auto Storage
- Car Collectors
- Roadside Service

Pivot Jack

Model 55000 $1,395.00

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

Vibration resistant remote ram raises or lowers bump stops 1/8" per turn.
Bump Steer Tools

One Step Bump Steer Gauge
- Model 1200-BSG $375.00

Super “TRICK” Digital Dial Indicator
- Model 1200-504 $199.50

Bump Steer Gauge
- Model 56100 $295.00

Replacement Dial Indicator
- Model 56110 $35.50

Wide Five Snap Cap Adapter
- Model 1200-020 $79.00

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

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) $785.00
# Adjustment Tools

## A-Arm Shims

### Universal Camber Shim Kit
- Model 40650
- $34.75

- Fits 5-1/2” & 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

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

### Standard Shims

<table>
<thead>
<tr>
<th>sham</th>
<th>Description</th>
<th>Model</th>
<th>Price</th>
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<tbody>
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<td>1/2”</td>
<td>Camber Shim</td>
<td>40610</td>
<td>$12.75</td>
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<tr>
<td>3/4”</td>
<td>Camber Shim</td>
<td>40615</td>
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<tr>
<td>1”</td>
<td>Camber Shim</td>
<td>40620</td>
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### Lowering Blocks

<table>
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<td>40405</td>
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<tr>
<td>1”</td>
<td>Lowering Block</td>
<td>40410</td>
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</tr>
<tr>
<td>1-1/2”</td>
<td>Lowering Block</td>
<td>40415</td>
<td>$32.25</td>
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<tr>
<td>1°, 1/2”</td>
<td>Lowering Block</td>
<td>40550-1</td>
<td>$25.25</td>
</tr>
<tr>
<td>1-1/2°, 1/2”</td>
<td>Lowering Block</td>
<td>40550-15</td>
<td>$25.25</td>
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<tr>
<td>2°, 1/2”</td>
<td>Lowering Block</td>
<td>40550-20</td>
<td>$25.25</td>
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## Pinion Shims

### 1° Pinion Shim
- Model 40510
- $21.75

### 1-1/2° Pinion Shim
- Model 40515
- $21.75

### 2° Pinion Shim
- Model 40520
- $21.75

## Spring Rubbers

### Soft Spring Rubber
- Model 41510
- $48.50

### Medium Spring Rubber
- Model 41515
- $48.50

### Firm Spring Rubber
- Model 41520
- $48.50

### Soft Coil-Over Spring Rubber
- Model 42005
- $39.00

### Medium Coil-Over Spring Rubber
- Model 42010
- $39.00

### Firm Coil-Over Spring Rubber
- Model 42010
- $39.00

## Jack Bolt Clamps

<table>
<thead>
<tr>
<th>sham</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Standard Right Clamp</td>
<td>90600</td>
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<tr>
<td>Tapered Right Clamp</td>
<td>90601</td>
<td>$31.25</td>
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</tr>
<tr>
<td>Standard Left Clamp</td>
<td>90610</td>
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<tr>
<td>Tapered Left Clamp</td>
<td>90611</td>
<td>$31.25</td>
<td></td>
</tr>
</tbody>
</table>

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

Caster / Camber Gauge

Shown 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

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

Digital Camber Gauge w/ 57320 Adapter  Model 57300  $192.50
Digital Camber Gauge Mount w/ 57320 Adapter (mount & adapter only, no Smart Tool or Case) Model 57305  $92.75

Caster / Camber Adapters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
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<tbody>
<tr>
<td>Magnetic Adapter</td>
<td>57320</td>
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<tr>
<td>Ford Adapter (3/4-16)</td>
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<td>Wide 5 Adapter (1 13/16-16)</td>
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<td>Bandolero Adapter (18mm x 1.5)</td>
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<td>5/8” Adapter (5/8-18)</td>
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<td>14mm Adapter (14mm x 1.5)</td>
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Valve Core Tools

4-Way Valve Core Tool  Model 22450  $7.50
Deluxe Valve Core Tool  Model 22460  $9.25
Deluxe Valve Core Tool w/ 10 Cores Model 22470  $12.75

Toe Plate Kit

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

Toe Plate Kit  Model 56200  $71.50

Order Toll Free 1-800-467-2464
Order Online @ www.mittlerbros.com
Set-up Equipment

EZ Sweep
Caster Slip Plates

EZ Sweep is a new 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

15°  Model 57115
20°  Model 57120

$275.00 Per Set

Turn Plates

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

Model 57200

$615.00 Per Set
Set-up Equipment

Digital Tread Depth Gauge

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

Staggerite Tire Caliper

- Round Stationary Arm Keeps Measurement Accurate
- Laser Etched Markings
- 55” to 102” Circumference

Model 21600
$343.25

Stagger Tapes

- Lightweight & Portable
- Measure Tires Quickly
- Flexible & Easy to Read
- 10’ Long

1/4” Stagger Tape
Model 22000
$9.75

1/2” Stagger Tape
Model 22010
$9.25

Stagger Roller

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

Model 22120
$163.00

Model 22130
$65.00

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

Model 20900
$385.00

Model 20906
$78.00

Model 20905
$240.00

Order Toll Free 1-800-467-2464
Order Online @ www.mittlerbros.com
Tire Gauges

Monster Tire Gauges

- Large 4” Face
- Easy to Read
- Shock Proof Bumper
- Storage Case Included
- Deluxe Handle

15 psi Model 2041
30 psi Model 2042
60 psi Model 2043

Night Bright Tire Gauges

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

15 psi Model 20515 $96.25
30 psi Model 20530 $96.25
60 psi Model 20560 $96.25

Deluxe Tire Gauge Kit

A versatile quick change tire gauge kit for all types of racing. Why purchase 3 separate tire gauges when you can have all ranges covered in one kit with a convenient storage case. Never be stuck without the proper pressure range again.

Includes:
- Quick Change 15#, 30# & 60# Gauge Heads With Bleeders
- Quick Change Hose Assembly W/ 45° Swivel Chuck
- 2-1/2” Gauge Faces With Protective Bumpers
- Padded Carry Case

Deluxe Tire Gauge Kit
Model 20190 $129.95

2-1/2” Glow In The Dark

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

15 psi Model 20315 $50.25
30 psi Model 20330 $50.25
60 psi Model 20360 $50.25

Replacement Parts

- 2-1/2” Acrylic Lens Model 20006 $3.75
- 4” Acrylic Lens Model 20007 $5.00
- 2-1/2” Rubber Bumper Model 20012 $8.75
- 4” Rubber Bumper Model 20014 $10.00
**Tire Gauges**

**Deluxe Tire Gauges**
- 15 psi  Model 20115  $45.50
- 30 psi  Model 20130  $45.50
- 60 psi  Model 20160  $45.50

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

**Liquid Filled Tire Gauges**
- 15 psi  Model 20215  $63.75
- 30 psi  Model 20230  $63.75
- 60 psi  Model 20260  $63.75

- 2-1/2” Face
- Quick Air Release
- Protective Bumper
- 45 Degree Swivel Chuck
- Glycerin Filled For Shock Resistance

**Extreme Tire Management**

- Manifold Allows Up to Six Tires at a Time
- Digital Accuracy
- Removable Lid for Protection and Transport
- Complete Kit Weighs Only 25 pounds

**We don’t make the nitrogen, WE MAKE IT BETTER**

The Extreme Tire Management System uses a proprietary innovation that filters out moisture and contaminants from industrial grade nitrogen, resulting in pressure consistency in every set of tires. Other systems use nitrogen but can not provide this level of purification and portability.

- Enables you to purge your tires to virtually 0% humidity
- Will reduce your pressure build up by an average of 2 to 4 PSI
- Will purge and fill multiple tires at once
- Is light weight and portable
- Requires no electricity

**Complete Extreme Tire Management System for 4 Tires**

Model 20950  $1,980.00

Order Online @ www.mittlerbros.com
Ultimate Pull Down Rig
Used by Race Winning Teams From Coast to Coast

Pull Down Only Rigs Starting at $66,900

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 of NASCAR and Short Track Teams.

All Rig Functions Controlled From The Proprietary User Interface
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
• Exports Data To Excel & Pi Toolbox
• Pull The Vehicle Down Or Push The Wheels Up
• 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

Options
• Servo Valves
• Sway Bar Load Measurements
• Bump Stop Load Measurements
• Pi Toolbox Data Export

Wheel Load vs. Travel
Bump Steer / Camber

See Demo at www.mittlerbros.com
Order Online @ www.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

Complete Laser Leveling Kit  Model 52500  $215.00

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  $125.00

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

Bandolero/Legend Car Set-Up Fixture  Model 51350  $1,930.00

Specify Wheel Base & Tread Width When Ordering

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

**Control Box Charger / Battery**

- Replacement Control Box Charger Model 53530 $29.25
- Replacement Control Box Battery Model 53580 $45.50

**Portable Aluminum Scale Cart**

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

Scale Cart Model 52300 $499.00

**Replacement Cables**

- Economy Cable Model 53620 $29.50
- Deluxe Cable Model 53640 $57.50

**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/ Plastic Feet Model 52420 $625.00
Rollback Set Of 4 w/ Steel Feet Model 52421 $745.00

**10” Elephant Stands**

- 10” Tall
- Aluminum Construction
- Wheel Stops Included

10” Stands / Qty 4 Model 52400 $499.00

**Control Box & Cable Storage Case**

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

Poly Storage Case Model 53660 $48.25
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 $1,395.00

**Deluxe RaceScales w/ 15” Pads & Scale Cart**

Model 50310 $1,850.00

**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 $1,285.00

Certification Available $275.00

**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

RaceScales 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.

RaceScales Jr. 10” CNC Pads (with case) Model 50210 $1,075.00

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

This low cost version does not have anything economical about it except the price. Uses many of the same high quality components that our Deluxe systems are manufactured with.

Standard RaceScales w/ 15” Pads Model 50250 $1,050.00

Poly Storage Case Model 53660 $48.25
NEW 1” Tall RaceScales
These Scales Are ½ The Weight Of A Standard Scale & They Have 2x The Strength

1” Tall Wireless Scales
Model 50550 $2,585.00

- 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
Model 50340 $1,849.00

- Four 1” Tall 15” x 15” Scale Pads
- Digital Display With Carrying Case
- Same Great Features As Our Deluxe Scales

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 Aluminum Smooth Top Construction

1” Tall Wireless Scales With Roll Back Trays
Model 50555 $3,385.00

1” Tall Wired Scales With Roll Back Trays
Model 50345 $2,649.00

Billet Roll Back Trays For 1” Scales Only
Model 52430 $895.00

Scales Not Included

NEW 1” Tall RaceScales

USB Style Connectors

These Scales Are ½ The Weight Of A Standard Scale & They Have 2x The Strength

1” Tall Wireless Scales
Model 50550 $2,585.00

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Model 50555 $3,385.00

1” Tall Wired Scales With Roll Back Trays
Model 50345 $2,649.00

Billet Roll Back Trays For 1” Scales Only
Model 52430 $895.00

Scales Not Included

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

This scale system is in use by Top NASCAR Sprint Cup, Nationwide, 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.

- AA Platform Batteries Last Up to 400 Hours of Use
- All Functions Contained In 5-1/4” x 7-1/2” Control
- Custom Fitted Case for Hand Held and Charger
- Backlit High Contrast Display for Night Use
- Individual and Multiple Pad Zeroing
- Battery Life Indicator Displays in %
- User Selectable Display Formats
- Pounds or Kilograms Selectable
- Uses Inexpensive AA Batteries
- Instant Display Updates
- 5.7” LCD Display
- Internal Antenna
- Touch Screen
- 1 Year Warranty

Wireless Ultimate RaceScales Jr. 10” Pads

• Go-Kart
• Quarter Midget
• Mini Cup
• TQ/Micro

Applications

• 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 $1,925.00

Wireless Ultimate RF Scales 15” Pads

Model 50520 $1,999.00

7000 lb Capacity (1750 lbs per Pad)

• 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

Order Online @ www.mittlerbros.com
Sprockets

- Special Tooth Design for Easy Pick & Release
- CNC Machined For Accuracy
- Heat Treated Aluminum
- Fits All Popular Hubs
- Light Weight

All Sprockets $19.25

Chassis Dyno

This 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.

- Large Diameter Pressure / Torque Gauge
- Fine Resolution Load Valve
- Quick Reference HP / Torque Charts
- High Traction Aluminum Knurled Rollers
- Remote Throttle Control
- All ALUMINUM frame construction
- 5” ALUMINUM Rollers

Quarter Midget / Mini Cup / Go-Kart / Bandolero D3 Chassis Dyno 60”...Model 99500...$3,475.50
Quarter Midget & Go Kart

Tapered Plate
Quarter Midget & Go Kart

Quarter Midget Axle Shafts

36" Long
6061 T6 Aluminum
Centerless Ground
Keyed for Component Location

Standard Aluminum Axle  Model 75134  $93.75
Snap Ringed Axle  Model 75135  $99.25
Fits Bullrider, Stanley & Early Nervo

HONDA Linkage Kit

Honda Linkage  Model 75010  $59.50
Honda Cable  Model 75005  $6.25
Deco Cable  Model 75006  $9.50

Order Toll Free 1-800-467-2464
Order Online @ www.mittlerbros.com

Tapered Plate
Quarter Midget Axle Shafts

Engine Starter
Pull Strap

Steering Shaft Mount
Adjustable

Clamps On Nerf Bar
CNC Billet Aluminum

Deco Exhaust Clamp  Model 75020  $31.75
Honda Exhaust Clamp  Model 75021  $43.50

Tapered Plate  Model 75055  $99.00

Hardware Included

Steering Shaft Mount  Model 75060  $21.50
Pull Strap  Model 75400  $18.25

Complete Kit  Model 75070  $57.50
Spline Only  Model 75069  $23.50

Deco Exhaust Clamp
Honda Exhaust Clamp

Exhaust Clamps

Engine Plates

Standard Flat Plate

Engine Plates

Sendec Style Bracket
Mychron Style Bracket

5/8" Mychron Bracket  Model 75023  $29.75
3/4" Mychron Bracket  Model 75024  $29.75
7/8" Mychron Bracket  Model 75025  $29.75
3/4" Sendec Bracket  Model 95910  $20.50
7/8" Sendec Bracket  Model 95915  $20.50

Honda Exhaust Clamp  Model 75021  $43.50

Deco Exhaust Clamp  Model 75020  $31.75

Engine Starter
Pull Strap

3/4" Mychron Bracket  Model 75024  $29.75
7/8" Mychron Bracket  Model 75025  $29.75
3/4" Sendec Bracket  Model 95910  $20.50
7/8" Sendec Bracket  Model 95915  $20.50

Complete Kit  Model 75070  $57.50
Spline Only  Model 75069  $23.50

HONDA Linkage

Honda Linkage  Model 75010  $59.50
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Deco Cable  Model 75006  $9.50

Honda Linkage

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Deco Cable  Model 75006  $9.50

HONDA Linkage Kit

Honda Linkage  Model 75010  $59.50
Honda Cable  Model 75005  $6.25
Deco Cable  Model 75006  $9.50

Order Toll Free 1-800-467-2464
Order Online @ www.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 consistent and quicker recovery allowing the tire to follow the back side of bumps and undulations promoting quicker lap times.

<table>
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<th>Red Hot Springs</th>
<th>HOT SPRINGS</th>
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<th>All Springs</th>
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<td>$24.95!</td>
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<th>Springs</th>
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<tr>
<td>Each Rate Has A Calibrated Wire Diameter</td>
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<tr>
<td>CNC Wound With Optimum Pitch</td>
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<td>Open Pitch Design Yields Instant Recovery</td>
<td></td>
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<tr>
<td>Precision Ground Closed Ends</td>
<td></td>
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</tbody>
</table>

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

Shock Shafts

G2 / G3 Shock Shaft (2 Pack) Model 85610 $52.00
P4 / VISION Shock Shaft (2 Pack) Model 85710 $52.00

Bare Shock Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Price</th>
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<tbody>
<tr>
<td>G2/G3 Control Piston</td>
<td>8551-080</td>
<td>$20.50</td>
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<tr>
<td>G2/G3 Control Piston Shim [split valve only]</td>
<td>8551-082</td>
<td>$3.25</td>
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<tr>
<td>G2/G3 Bleed Spacer</td>
<td>8551-084</td>
<td>$1.25</td>
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<tr>
<td>P4 Primary Shim</td>
<td>8551-086</td>
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<tr>
<td>P4 Secondary Shim</td>
<td>8551-087</td>
<td>$1.25</td>
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<tr>
<td>G2/G3/P4 Separator Piston</td>
<td>8551-090</td>
<td>$4.25</td>
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<tr>
<td>Gas Fill Port</td>
<td>8551-100</td>
<td>$7.75</td>
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<tr>
<td>Spherical Bearing</td>
<td>8551-120</td>
<td>$8.75</td>
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<tr>
<td>3/4 Internal Snap Ring</td>
<td>8551-130</td>
<td>$1.75</td>
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<tr>
<td>G2/G3 Shaft Seal [Old Style U-Cup]</td>
<td>8551-140</td>
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<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>New Style Shaft Seal</td>
<td>8551-141</td>
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<tr>
<td>Bronze Bushing</td>
<td>8551-150</td>
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<tr>
<td>#6 O-Ring [Bleed Screw]</td>
<td>8551-180</td>
<td>$0.75</td>
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<tr>
<td>Valve Core</td>
<td>8551-210</td>
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<tr>
<td>Control Piston Band</td>
<td>8551-220</td>
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<tr>
<td>Shaft Guide O-ring</td>
<td>8551-230</td>
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<tr>
<td>G2/G3/P4 Separator Cap O-ring</td>
<td>8551-240</td>
<td>$1.00</td>
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<tr>
<td>G2/G3 AN Washers for control piston</td>
<td>8551-250</td>
<td>$0.75</td>
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<tr>
<td>Internal Shaft O-ring</td>
<td>8551-270</td>
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<tr>
<td>G2/G3/P4 Separator Piston O-ring</td>
<td>8551-280</td>
<td>$1.00</td>
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</table>
Shock Service Parts

Old Style G2 / G3 Rebuild Kit
Model 85642 $12.00

G2/G3/P4 Rebuild Kit
Model 85742 $12.00

VISION Rebuild Kit
Model 85842 $12.00

Shock Master Rebuild Kit

Old Style G2 / G3 Master Rebuild Kit
Model 85605 $87.00
G2/G3/P4 Master Rebuild Kit
Model 85705 $87.00
VISION Master Rebuild Kit
Model 85805 $87.00
(Each Kit Rebuilds 8 Shocks)

Shock Master Valving Kit

G2 / G3 Shock Master Valving Kit
Model 85600 $267.75
P4 Shock Master Valving Kit
Model 85700 $267.75
VISION Shock Master Valving Kit
Model 85800 $286.00

Shim Kits

G2 / G3 Carbon Shim Kit
Model 85602 $61.50
P4 Carbon Shim Kit
Model 85702 $61.50

VISION Shim Kit
Model 85802 $79.00
(Each Kit Contains Shims To Completely Valve 4 Vision Shocks)
Shock Rebuilding

Shock Inflation Tool
- Model 75590 $60.25

Shock Inflation Adapter
- Model 75580 $13.00

Shock Rebuild Drip Cup
- Model 75566 $25.25

Shock Jaws
- Fits All Tanner Shocks
- Model 75570 $31.25

Universal Shock Wrench
- Fits All Tanner Shocks
- Model 75575 $25.25

Shock Body Jaws
- Fits All Tanner Shocks
- Model 75572 $22.50

Rebuild Your Shocks With These Handy Tools

Valve Core Tools
- Deluxe Valve Core Tool
  - Model 22460 $9.25

Shock Vise
- Model SV-1 $158.50

- Shock Rebuilding Made Easier
- Holds Shock Body & Piston Shaft
- Clamp In Existing Vise or Bolt Down

Shock Body Jaws
- Fits All Tanner Shocks

Shock Body Jaws
- Fits All Tanner Shocks

Deluxe Valve Core Tool w/ 10 Valve Cores
- Model 22470 $12.75

Shock Oil
- Specially Formulated for Shock Applications

Pint Shock Oil
- Fills 6 Shocks
- Model 75540 $9.25

Quart Shock Oil
- Fills 12 Shocks
- Model 75545 $17.00

Order Toll Free 1-800-467-2464
Order Online @ www.mittlerbros.com
Quarter Midget Shocks

VISION Series

Tanner by Mittler, 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 virtually eliminating rod/shaft pressure
- Micro Tower shim support.
- PERIMETER FLOW pistons
- New 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.

For additional shock technology visit www.mittlerbros.com and click the “SHOCK TECHNOLOGY” hot button!

For additional shock technology visit www.mittlerbros.com and click the “SHOCK TECHNOLOGY” hot button!
Quarter Midget Shocks

Generation 2

<table>
<thead>
<tr>
<th>G2 Standard</th>
<th>G2 Split Valve</th>
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<tbody>
<tr>
<td>85510-2</td>
<td>85510-3/5</td>
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<tr>
<td>85510-3</td>
<td>85510-5/3</td>
</tr>
<tr>
<td>85510-4</td>
<td>85510-4/6</td>
</tr>
<tr>
<td>85510-5</td>
<td>85510-6/4</td>
</tr>
<tr>
<td>85510-6</td>
<td></td>
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</table>

$159.00
Complete Shock w/ Coil Over Kit

- Calibrated Fluid to Gas 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

Internal design components such as the High Flow Digressive Piston, improved separator cavity balance, carbon fiber shim technology, Titanium Nitride coated shaft, and hybrid shaft seal are some of the reasons the Platinum 4 dominated the 2009 Quarter Midget Season.

Platinum 4

<table>
<thead>
<tr>
<th>P4 Standard</th>
<th>P4 Split Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>85540-3</td>
<td>85540-3/5</td>
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<tr>
<td>85540-4</td>
<td>85540-5/3</td>
</tr>
<tr>
<td>85540-5</td>
<td>85540-4/6</td>
</tr>
<tr>
<td>85540-6</td>
<td>85540-6/4</td>
</tr>
</tbody>
</table>

$179.00
Complete Shock w/ Coil Over Kit

- 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

See Page 9 For Complete Spring Selection
**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, Visa, American Express, Discover, Master Card or PayPal. 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 manufactures products sold carry the manufactures warranty.

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**Check Us Out Online @**

- **Website:** www.mittlerbros.com
- **Facebook:** www.facebook.com/mittler.brothers
- **Twitter:** www.twitter.com/mittlerbros
- **You Tube:** www.youtube.com/mittler1980

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**Order Toll Free 1-800-467-2464**
A few words from our President:

Once again, I take the privilege of using this bully pulpit to influence my “sphere of influence”. It has been said, many times, that elections have consequences and I feel the election of 2012 has produced dire consequences! We are seeing the expansion of government control in our lives at a very rapid rate, especially regarding health care. A subject we all hold dear. We face increasing regulations in all aspects of our lives and businesses, which is just another tax we all have to bear.

While I am not suggesting a violent revolution, I am suggesting it is time to return to a more common sense, limited style of government. We can accomplish this through the ballot box in 2014. Encourage your “sphere of influence” of family, friends, community groups, churches and other groups you are involved in, to tell the story of what is important in making the engine of the economy run; less government in all our lives, less government spending, seal the borders, and following the Constitution as written by our Forefathers. We can accomplish this by electing more common sense conservative representatives to the House and Senate! We cannot continue to spend our children and grandchildren’s futures following the political pipe dream of a promised Utopia. Let’s all vote to make a difference.

For those of you involved in racing, you understand that the only way to win is to go out and make it happen. No one ever gives you a win. We need to instill this principle back into society. All things are possible with hard work and perseverance.

You may not agree with me, and that is what makes this country great, as we can work peacefully toward our goals and build our companies as we believe best.

Thank you for your business! I wish you much success in the coming year.
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.

Made In The USA
TANNER Racing Products

Shaping The World Since 1980
Proudly Made In USA

2014
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