

# **MB** MITTLER BROS. **MACHINE & TOOL**

SHAPING THE WORLD SINCE 1980



# 2018

[WWW.MITTLERBROS.COM](http://WWW.MITTLERBROS.COM)

#mittlerbros



## A few words from our President:

The past year has been full of change and turmoil in so many areas of our lives; the first year of our new president, a surging economy with the stock market at an all-time high (at the time of this writing), unspeakable tragedy perpetrated by people intent on doing evil things and a sudden turn in my health.

As we attended the 2017 SEMA show in Las Vegas, we drove by the site of the recent tragedy. It was a somber reminder of the good and bad within people. The bad needs no explanation and can never be explained. We applaud the brave people who protected others, helped people escape the danger, drove the wounded to the hospital in their own vehicles and who put their own lives in danger helping the injured. The first responders and all medical personnel who worked non-stop to help save lives and the people lined up to give blood to help others is what makes AMERICA GREAT! Our thoughts and prayers continue to be with everyone affected by all these evil acts!

We continue to support Made in America manufacturing. We've already seen some easing of some regulations that have had a stranglehold on business and I hope we see more, as we move forward. By selecting an American made product, you are helping provide quality jobs to our employees and, as result, a better quality of life.

We are now hearing that not everyone needs a four-year degree to be successful. I am a perfect example of this, along with some of our employees, many of whom have a two-year degree and worked in their trade while attending school. When the time comes for your child or grandchild to pursue higher education, please make them aware that working with your hands is a viable option! I'm proud to say that two of my brother's children work in the business, so we practice what we preach.

As mentioned above, I've had a big change in my health. Recently, I was diagnosed with Multiple Myeloma. This is a cancer of the bone marrow and was found at my yearly check-up. Luckily, it was found early and is treatable. I tell you this so you remember to take care of yourself! I am undergoing chemotherapy and, thankfully, tolerating it very well.

We have a strong management team in place and all of us are committed to Mittler Bros. Machine & Tool being around for many years to come. As Mr. Las Vegas said, "The show must go on!"

Thanks to our great employees who work hard every day to provide you with the best American Made products! Their dedication to quality and continuous improvement helps keep our products affordable for our customers.

Most importantly, we thank you, our customers, who make this all possible. In this year's catalog we have held last year's pricing where possible, reduced pricing on some products and made modest price adjustments to others. Our goal is to bring you the highest quality products at the most affordable prices possible. We appreciate your business and look forward to serving you for many years to come.

-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.



ORDER ONLINE @ MITTLERBROS.COM

# Mittler Bros. Machine & Tool Co.

A Division of Mittler Corp.

## PHONE

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

## FAX

636-745-2874

## MAILING ADDRESS

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

## SHIPPING ADDRESS






10 Cooperative Way  
Wright City, Missouri 63390-4000

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## Check Us Out Online

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## #mittlerbros

## Tanner Racing by Mittler Bros.

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See Additional Catalog for  
B-G Racing Product Line

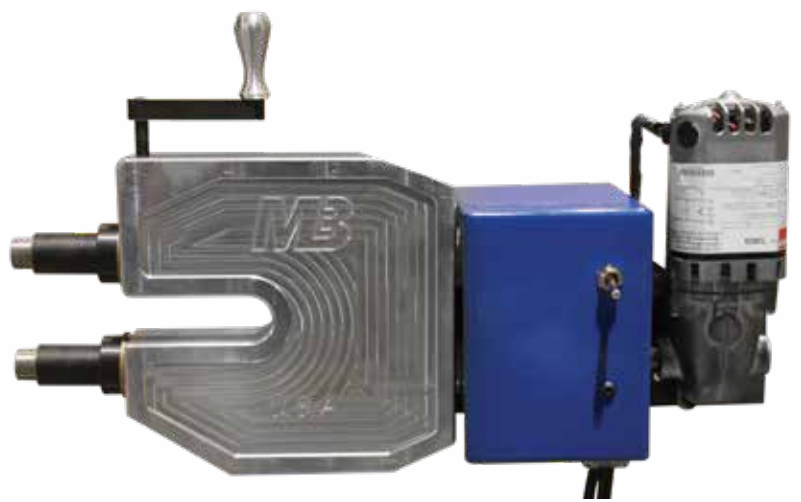


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# New Products



**6" Power Drive Bead Roller**  
*see page 18*



**24" Ultimate Box & Pan Brake**  
*see page 48*



**Tube Drill Jigs**  
*see page 11*



**Magna-Drive Quick Change Bead Rolls**  
*see page 22*

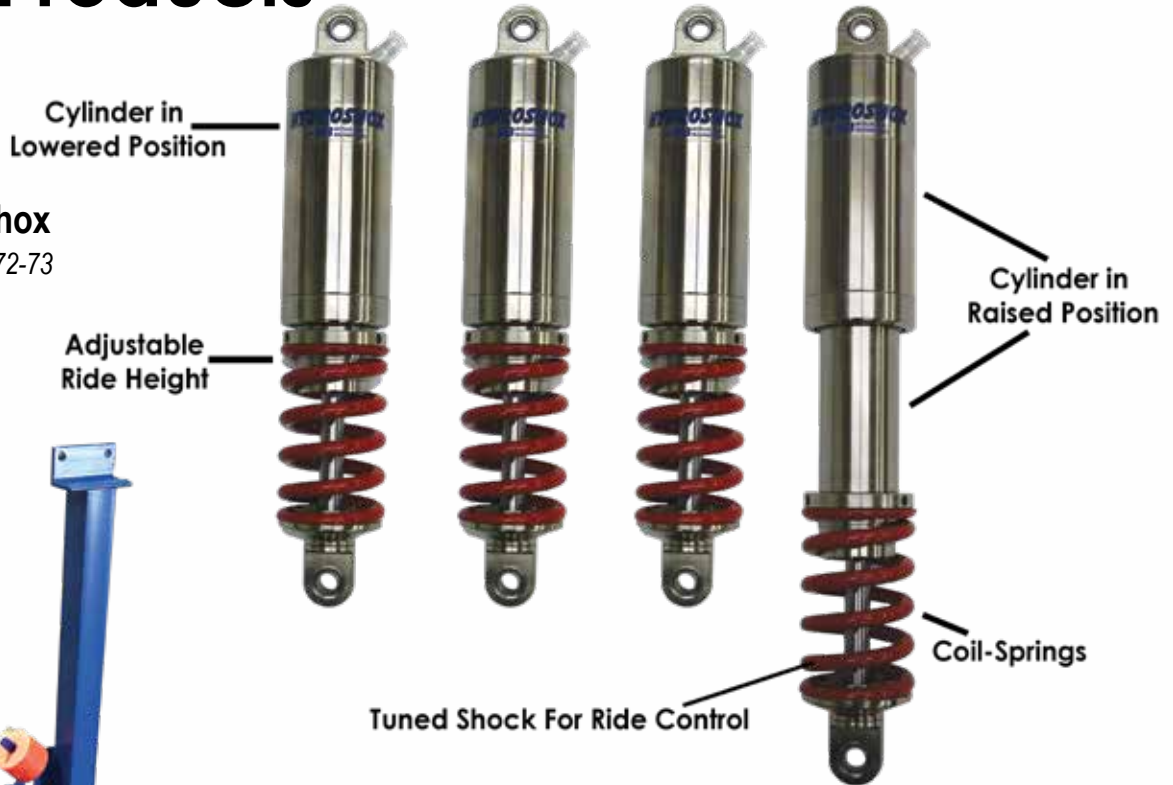


**90° Tube Bender Plate Brake Dies**  
*see page 14*



# New Products

**Hydroshox**  
see page 72-73



**Bead Roller Stand  
With Built In Roll Holder**  
see page 19



**Jamey Jordan Bead Roller  
Lower Adjustable Shaft Upgrade**  
see page 28



**WiFi Scales**  
see page 82

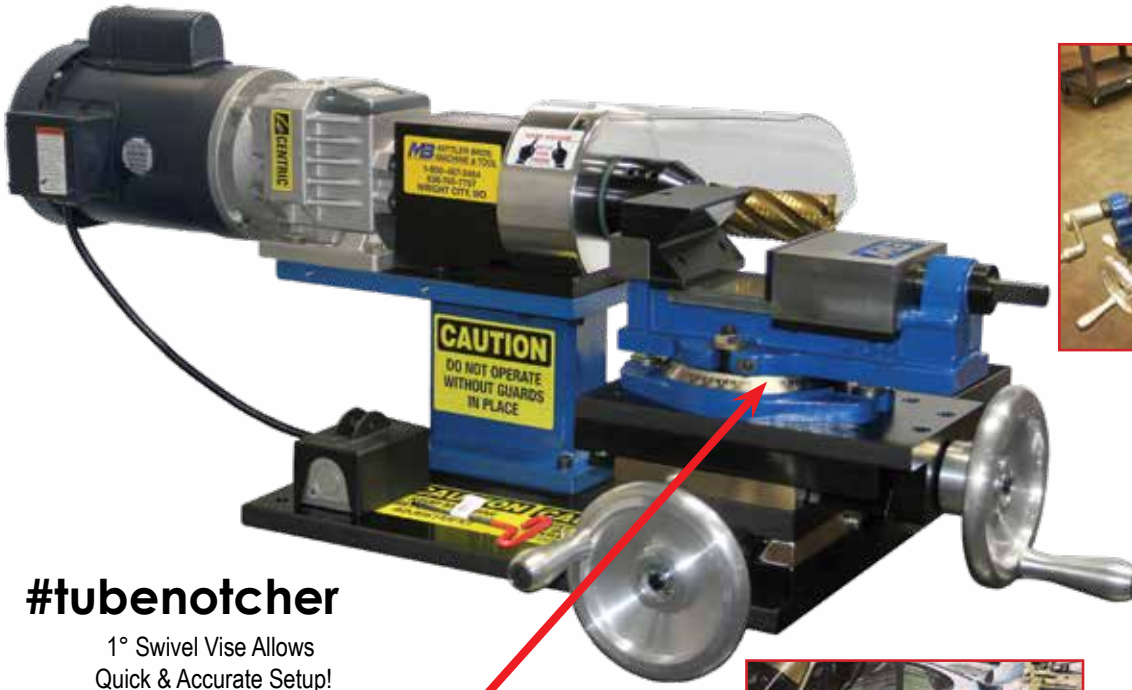


**FAST-AN® Wrench Tool System**  
see page 101

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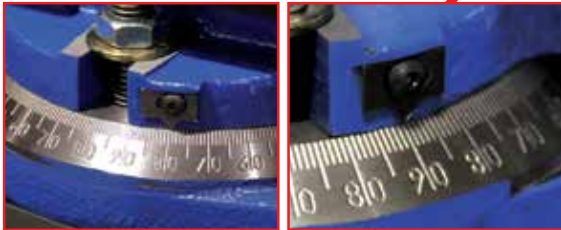


# Single Speed Ultimate Tube Notcher



## #tubenotcher

1° Swivel Vise Allows Quick & Accurate Setup!



Hand Wheel Calibrated In .013" Segments For Precision Notching

- 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
- Makes a Perfect Tig Weld Fit
- No Coolant Needed
- No Dust or Excessive Noise

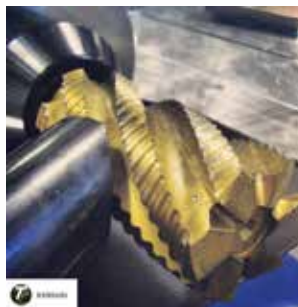
## Model Options

### Model 400-S

Vise Capacity 3/4" to 2" Tubing  
Standard Vise  
**\$4,695.00**

### Model 400-SADJ

Vise Capacity 3/4" to 2" Tubing  
Adjustable Height Vise  
**\$4,995.00**



### Model 400-U

Upgraded Vise Capacity 3/4" to 2-3/8" Tubing  
Larger V-Block Vise  
Recommended for pipe notching  
**\$4,995.00**

### Model 400-UADJ

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



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

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

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

ORDER ONLINE @ MITTLERBROS.COM

# Variable Speed Ultimate Tube Notcher



#tubenotcher

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

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

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

## Model Options

### Model 400-VS

Vise Capacity 3/4" to 2" Tubing  
Standard Vise  
**\$5,250.00**

### Model 400-VSADJ

Vise Capacity 3/4" to 2" Tubing  
Adjustable Height Vise  
**\$5,550.00**



### Model 400-VSU

Upgraded Vise Capacity 3/4" to 2-3/8" Tubing  
Larger V-Block Vise  
Recommended for pipe notching  
**\$5,550.00**

### Model 400-VSUADJ

Upgraded Vise Capacity 3/4" to 2-3/8" Tubing  
Adjustable Height Larger V-Block Vise  
Recommended for pipe notching  
**\$5,850.00**



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

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

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

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Double Sided VS Ultimate Tube Notcher

## Notch From Either Cutter Side

#tubenotcher



Two Sided Notch Side & Top View



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

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

All The Features of our proven Variable Speed Ultimate Tubing Notcher

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



## Double Sided Notcher Model Options

### Model 400-VS2

Vise Capacity 3/4" to 2" Tubing  
Standard Vise  
\$6,275.00

### Model 400-VSU2

Upgraded Vise Capacity 3/4" to 2-1/2" Tubing  
Larger V-Block Vise  
Recommended for pipe notching  
\$6,595.00

### Model 400-VS2ADJ

Vise Capacity 3/4" to 2" Tubing  
Adjustable Height Vise  
\$6,595.00

### Model 400-VSU2ADJ

Upgraded Vise Capacity 3/4" to 2-1/2" Tubing  
Adjustable Height Larger V-Block Vise  
Recommended for pipe notching  
\$6,895.00

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



## Double Sided Conversion Kit



Convert your Standard Ultimate Tube Notcher to a Double Sided Machine

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

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

ORDER ONLINE @ MITTLERBROS.COM





# 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 OD Notcher Dies: **\$205.00**

1"	100-010-1
1-1/8"	100-010-1125
1-1/4"	100-010-1250
1-3/8"	100-010-1375
1-1/2"	100-010-1500
1-5/8"	100-010-1625
1-3/4"	100-010-1750
2"	100-010-2

Replacement Punch (2" Wide)  
Model 100-005 **\$155.00**

Standard Hydraulic Tube Notcher With Die (your choice) **Model 100 \$795.00**  
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 OD Notcher Dies: **\$265.00**

Tube Sizes	
1-1/2"	100-030-1500
1-5/8"	100-030-1625
1-3/4"	100-030-1750
2"	100-030-2
Pipe Sizes	
1.66"	100-030-166
1.90"	100-030-190
2-3/8"	100-030-2375

Replacement Punch (2-1/2" Wide)  
Model 100-023 **\$245.00**

Heavy Duty Hydraulic Tube Notcher With Die (your choice) **Model 100-U \$1,225.00**  
Hydraulic Pump Sold Separately

## Accessories



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

Air Hydraulic Pump - **Model 900-504 \$600.00**  
6' Hose - **Model 900-505-6 \$75.00**  
10' Hose - **Model 900-505-10 \$130.00**  
20' Hose - **Model 900-505-20 \$155.00**



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

Electric Hydraulic Pump - **Model 900-508 \$1,600.00**  
6' Hose - **Model 900-505-6 \$75.00**  
10' Hose - **Model 900-505-10 \$130.00**  
20' Hose - **Model 900-505-20 \$155.00**



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



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

# Tube Drill Jigs



Straight and True Holes with Ease!

- Available in 5 Common Tube Sizes
- Billet Aluminum Construction
- Includes Jig and two Bushings
- Specify Drill Bushing Size When Ordering

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

# Hole Saw Notchers



Basic Steel Unit **Model 1700-BSU \$179.00**  
 Deluxe Double Adjustable Aluminum Mount **Model 1700-DADM \$299.00**

- 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

# Hole Saws



Hole Saws		
Size	Part #	Price
3/4"	1700-501	\$10.00
1"	1700-502	\$11.00
1-1/4"	1700-503	\$11.00
1-3/8"	1700-504	\$12.00
1-1/2"	1700-505	\$12.00
1-5/8"	1700-506	\$12.00
1-3/4"	1700-507	\$15.00
2"	1700-508	\$15.00

# PipeMaster



**5-Piece Pro Race Kit**  
 Includes 1", 1-1/4", 1-1/2", 1-3/4" & 2" **Model MB-PT001 \$265.00**  
 (Includes Carrying Case)

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

Tube Sizes-OD		
Size	Part #	Price
1"	MB-PT100	\$46.00
1-1/8"	MB-PT1125	\$47.00
1-1/4"	MB-PT125	\$48.00
1-3/8"	MB-PT1375	\$54.00
1-1/2"	MB-PT150	\$54.00
1-5/8"	MB-PT1625	\$54.00
1-3/4"	MB-PT175	\$59.00
2"	MB-PT200	\$62.00
Pipe Sizes-ID		
1-1/4"	MB-P125	\$54.00
1-1/2"	MB-P150	\$57.00
2"	MB-P200	\$60.00

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Hydraulic 180° Tube Bender



Swing Out Work Tray Holds Follow Bar & Removes for Compound Bends

#tubebender

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

- 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
- Rolling Stand with Locking Casters
- Cam Action Follow Bar Pressure Release
- Rugged Rack & Pinion Drive
- 3" Minimum Radius
- Bends Square Tubing 3/4" to 2"
- Small & Medium Saddles Included
- Storage Shelves for Shoes & Follow Bars

.065" Minimum Wall Thickness



**180° Bender (25 Ton Ram) Model 2500 \$4,195.00**

Hydraulic Pump & Shoe Sets Sold Separately p. 15

**Heavy Duty 180° Bender (25 Ton Ram) Model 2500-HD \$4,725.00**

Stronger Rack & Pinion Drive, Recommended For Pipe & Heavy Wall Moly Tube Bending

Round Tube Shoe Sets			
Tube OD	CL Rad.	Part #	Price
* 2"	8"	2500-S00	\$625.00
1-3/4"	8"	2500-S01	\$580.00
1-3/4"	7"	2500-S02	\$500.00
45mm	178mm	2500-M45	\$540.00
1-5/8"	7"	2500-S03	\$500.00
40mm	152mm	2500-M40	\$475.00
^ 1-1/2"	6"	2500-S04	\$445.00
1-1/2"	4-1/2"	2500-S34	\$390.00
38mm	152mm	2500-M38	\$475.00
1-3/8"	5"	2500-S05	\$390.00
30mm	102mm	2500-M30	\$385.00
1-1/4"	5"	2500-S06	\$385.00
1-1/8"	5"	2500-S07	\$350.00
1"	4"	2500-S08	\$350.00
25mm"	102mm"	2500-M25	\$385.00
3/4"	4"	2500-S09	\$350.00
1/2"	4"	2500-S17	\$350.00

Square Tube Shoe Sets				
Tube OD	CL Rad.	Part #	Price	
* 2"	8"	2500-S18	\$750.00	
1-3/4"	8"	2500-S16	\$660.00	
1-3/4"	7"	2500-S15	\$605.00	
1-1/2"	6"	2500-S14	\$555.00	
1-1/4"	5"	2500-S13	\$475.00	
1-1/8"	4"	2500-S12	\$445.00	
1"	4"	2500-S11	\$445.00	
3/4"	4"	2500-S10	\$445.00	
Pipe Shoe Sets				
Pipe Size	OD	CL Rad.	Part #	Price
* 1-1/2"	1.90	8"	2500-S32	\$710.00
1-1/4"	1.66	6"	2500-S31	\$590.00
1"	1.31	5"	2500-S30	\$525.00

Adjustable Saddle Sold Separately - Not Included with Shoe Set  
 3/8" to 1-3/8" OD = Small Saddle - #2500-300 @ \$80.00  
 1-1/2" to 1-3/4" OD = Medium Saddle - #2500-301 @ \$100.00  
 2" OD = Large Saddle - #2500-302 @ \$135.00

Additional Metric Sizes Available

See [www.mittlerbros.com](http://www.mittlerbros.com)

See Accessories Pages 14-16

\* Must Purchase Model # 2500-302 Large Adjustable Saddle

^ Shoe Set must be used with .083 or Heavier Material

ORDER ONLINE @ MITTLERBROS.COM

# Hydraulic 90° Tube Bender



#tubebender



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

**.065" Minimum Wall Thickness**

**NEW Stand Available (See p. 14)**

- 25 Tons of Hydraulic Power
- 6-1/4 Stroke
- Portable at 60 lbs with No Need to Anchor
- 3 1/2" Minimum Radius
- 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 \$1,250.00

Hydraulic Pump Sold Separately p. 15  
 Shoe Sets Sold Separately

Round Tube Shoe Sets			
Tube OD	CL Rad.	Part #	Price
* 2"	8"	900-S01	\$550.00
* 2"	7"	900-S02	\$550.00
1-3/4"	8"	900-S03	\$500.00
1-3/4"	7"	900-S04	\$500.00
45mm	178mm	900-M45	\$555.00
1-5/8"	7"	900-S05	\$465.00
1-5/8"	6"	900-S06	\$465.00
40mm	152mm	900-M40	\$555.00
1-1/2"	7"	900-S07	\$465.00
1-1/2"	6"	900-S08	\$465.00
38mm	152mm	900-M38	\$555.00
1-3/8"	5"	900-S09	\$375.00
1-1/4"	5"	900-S10	\$375.00
30mm	102mm	900-M30	\$345.00
1-1/8"	4"	900-S11	\$280.00
1"	4"	900-S12	\$275.00
25mm	102mm	900-M25	\$345.00
3/4"	4"	900-S14	\$275.00

Square Tube Shoe Sets			
Tube OD	CL Rad.	Part #	Price
* 2"	8"	900-S25	\$660.00
1-1/2"	7"	900-S26	\$555.00
1-1/4"	5"	900-S27	\$460.00
1"	4"	900-S28	\$350.00
3/4"	4"	900-S29	\$350.00

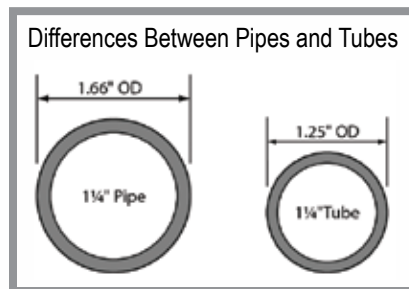
Pipe Shoe Sets				
Pipe Size	OD	CL Rad.	Part #	Price
* 1-1/2"	1.90	8"	900-S41	\$605.00
1-1/4"	1.66	6"	900-S42	\$525.00
1"	1.315	5"	900-S43	\$420.00
3/4"	1.050	4"	900-S44	\$345.00
1/2"	.84	4"	900-S45	\$345.00

Additional Metric Sizes Available

See [www.mittlerbros.com](http://www.mittlerbros.com)

See Accessories Pages 14-16

\* Must Purchase Model # 2500-302 Large Adjustable Saddle



ORDER TOLL FREE 1 - 800 - 467 - 2464



# Tube Bending Accessories

## 90° Plate Brake Die Sets



Plate Brake Dies



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



Die Adapter Kit

Plate Brake Die Adapter Kit **Model 900-200 \$195.00**

11 Ga - 9 Ga **Model 900-205 \$175.00**

7 Ga - 1/4" **Model 900-210 \$175.00**

5/16" - 3/8" **Model 900-215 \$175.00**



Sample Bends



- 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"

Tube Bender & Pump  
Sold Separately



90° Tube Bender Stand **Model 900-300 \$310.00**

## Adjustable Saddles

For 90° & 180° Hydraulic Tube Benders

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

**Adjustable Saddle Sold Separately -  
Not Included with Shoe Set**

3/8" TO 1-3/8" OD. Small Adjustable Saddle

**Model 2500-300 \$79.00**

1-1/2" TO 1-3/4" OD. Medium Adjustable Saddle

**Model 2500-301 \$100.00**

2" OD. Large Adjustable Saddle

**Model 2500-302 \$135.00**



## Bend Stop for 180° Tube Bender

Pre Set Stop For Accurate Repeat Bends

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



Air Stop Kit for 2500 180° Bender

**Model 2500-400 \$370.00**

Electric Stop Kit for 2500 180° Bender

**Model 2500-405 \$545.00**

ORDER ONLINE @ MITTLERBROS.COM

# Tube Bending Accessories



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

- Air Hydraulic Pump - **Model 900-504 \$600.00**
- 6' Hose - **Model 900-505-6 \$75.00**
- 10' Hose - **Model 900-505-10 \$130.00**
- 20' Hose - **Model 900-505-20 \$155.00**



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

- Electric Hydraulic Pump - **Model 900-508 \$1,600.00**
- 6' Hose - **Model 900-505-6 \$75.00**
- 10' Hose - **Model 900-505-10 \$130.00**
- 20' Hose - **Model 900-505-20 \$155.00**



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



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

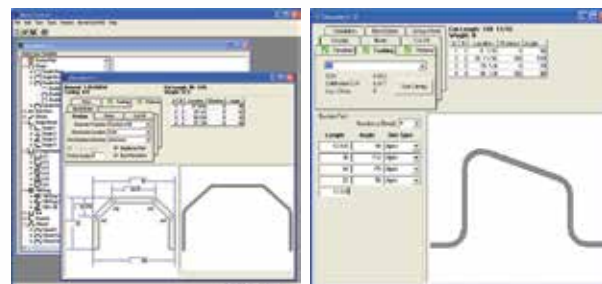
## Tube Bending Software

Requires XP, Vista, Windows 7, 8 and 10

### BEND-TECH EZ

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

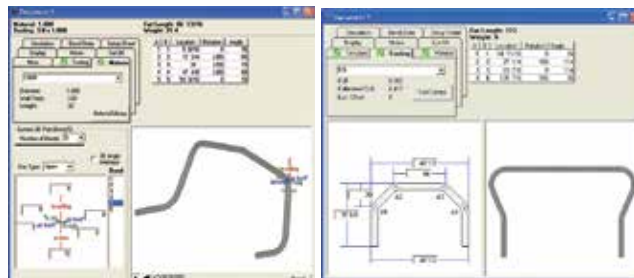
**Bend-Tech EZ Software Model 900-510 \$72.00**



### BEND-TECH EZ-3D

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

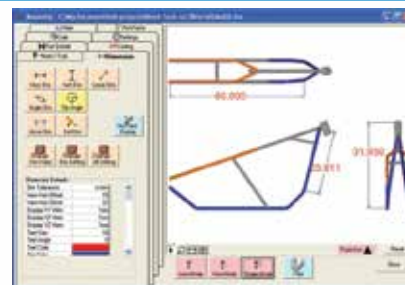
**Bend-Tech EZ-3D Software Model 900-511 \$160.00**



### BEND-TECH PRO

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

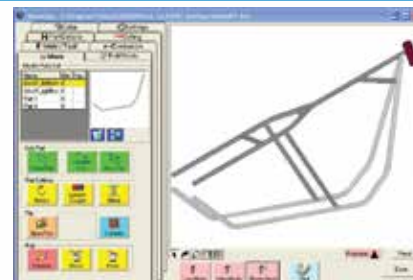
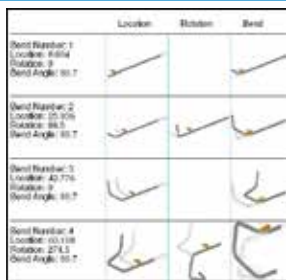
**Bend-Tech PRO Software Model 900-512 \$310.00**



### BEND-TECH SE

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

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



Requires "Pro" Tube Bending Software - Latest Release

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Alignment Tools

## Digital Angle Gauge



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

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

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

## Digital Protractor



- 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 \$59.00

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



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

Notch & Bend Aligner  
Complete w/ Smart Tool  
Model 1800-STA \$210.00

Mount Only  
Model 1800-A  
\$85.00



Smart Tool Angle Sensor  
Model 1800 \$135.00

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



Magnetic Mount  
Model 1800-505  
\$15.00

No Smart Tool owner should be without!

## Bend Protractors



#tubebender



Close Up View



Bend Protractors		
CL Radius	Part #	Price
4"	2100-4	\$115.00
5"	2100-5	\$125.00
6"	2100-6	\$135.00
7"	2100-7	\$145.00
8"	2100-8	\$155.00
4" to 8" Set	2100	\$550.00

- 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

ORDER ONLINE @ MITTLERBROS.COM



# 180° Manual Tube Bender



**Capacity**  
3/8" - 1" OD Tube  
.049" Wall to .095" Wall



Tube In Starting Position



Finished 180° Bend

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

**Model 950 \$450.00**

Round Tube Shoe Sets			
3 Piece Set - Main Shoe, Follow Roller & Eccentric Lock Roll			
Tube Size	CL Rad.	Part #	Price
1"	3-1/2"	950-S01	\$240.00
7/8"	3-1/2"	950-S02	\$240.00
3/4"	2-1/2"	950-S03	\$240.00
5/8"	2-1/2"	950-S04	\$240.00
1/2"	2"	950-S05	\$240.00
Combo 3/8" / 1/2"	2"	950-S20	\$265.00



Square Tube Shoe Sets			
3 Piece Set - Main Shoe, Follow Roller & Eccentric Lock Roll			
Tube Size	CL Rad.	Part #	Price
1"	3-1/2"	950-S06	\$240.00
7/8"	3-1/2"	950-S07	\$240.00
3/4"	2-1/2"	950-S08	\$240.00
5/8"	2-1/2"	950-S09	\$240.00
1/2"	2"	950-S10	\$240.00

**Model 950 is 30 lbs. with one shoe set**

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

RetroFit Degree Wheel Kit **Model 950-DWK \$85.00**



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



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

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

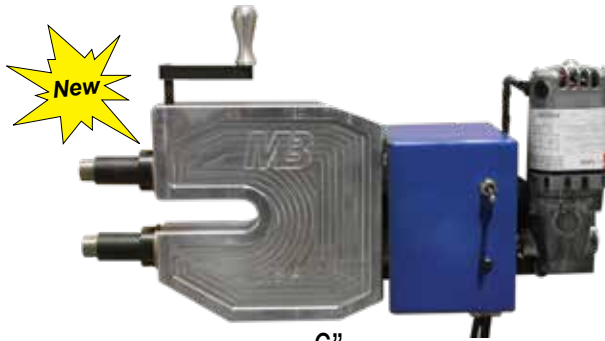
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# Variable Speed Power Drive Bead Rollers



#beadroller



6"



24"



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



36"

Proudly Built in the USA For Over 30 Years!

- 24" Model - Billet Aluminum Frame
- 36" & 42" Models - Jig Welded Steel Frame
- 100+ Bead Roll Profiles (See pages 20-22)
- 1-1/8" Throat Height
- Adjustable Depth of Bead
- Oilite Bushings for Long Life
- 10' Variable Speed Foot Pedal Operation
- Forward / Reverse Switch
- Both Shafts Driven

**Bead Rolls Sold Separately**  
 (See pg. 20-21)

**NEW Gold Series Bead Rolls**  
 (See pg. 22)

6" Throat Depth Variable Speed Bead Roller **Model 210-6 \$750.00**  
*Great for edge work where a deep throat isn't necessary!*

24" Throat Depth Variable Speed Bead Roller **Model 210-24 \$925.00**

36" Throat Depth Variable Speed Bead Roller **Model 200-36 \$1,100.00**

42" Throat Depth Variable Speed Bead Roller **Model 200-42 \$1,475.00**  
*42" Model Ships Truck Freight Only*

**Upgraded Adjustable Shaft Models Available On Page 28**



ORDER ONLINE @ MITTLERBROS.COM



# Industrial Variable Speed Bead Rollers

Ideal For Restorations Using Up To 16 Ga Mild Steel



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

Great For  
 Firewall &  
 Floor Work

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

- 24" Model - Billet Aluminum Frame
- 1-1/8" Throat Height
- 10' Variable Speed Foot Pedal Operation
- 36" Model - Jig Welded Steel Frame
- Adjustable Depth of Bead
- Forward / Reverse Switch
- 100+ Bead Roll Profiles (See pages 20-22)
- Oilite Bushings for Long Life
- Speed Range Adjustment Knob

24" Throat Depth Industrial Variable Speed Bead Roller (Billet Aluminum) **Model 210-24NV \$1,525.00**

36" Throat Depth Industrial Variable Speed Bead Roller (Jig Weld Steel) **Model 200-36NV \$1,725.00**

**Bead Rolls Sold Separately (See pg. 20-21)**

**Upgraded Adjustable Shaft Models Available On Page 28**

**NEW Gold Series Bead Rolls (See pg. 22)**

## Bead Roller Accessories



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



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

### Floor Stands

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

New &  
 Improved



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

### Depth Stop



**Depth Stop**  
**Model 200-009**  
**\$100.00**

### Roll Holder



**Roll Holder**  
**Model 200-RH**  
**\$80.00**

### Voltage Converter



Power Converter required when operating power drive bead roller on power source other than 110 volts.

- 110, 200, 220 & 240 Volt Input / 110 or 220 Volt Output
- 500 Watt (5 Amp) Voltage Converter **Model 200-552 \$79.00**
- 2000 Watt (16 Amp) Voltage Converter **Model 200-558 \$150.00**

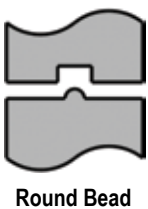
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# Largest Selection of Rolls Available!

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

Models 210-24, 210-24NV, 200-36, 200-36NV, 200-42, 210-24M, 202-24, 202-24NV, 202-36, & 202-36NV

Standard Round Bead Roll Sets		
Description	Steel P/N	Price
1/8" Round	201-125	\$70.00
3/16" Round	201-188	\$70.00
1/4" Round	201-250	\$70.00
5/16" Round	201-313	\$70.00
3/8" Round	201-375	\$70.00
1/2" Round	201-500	\$70.00
5/8" Round	201-625	\$85.00
3/4" Round	201-750	\$90.00
1" Round	201-100	\$95.00



Standard Edge Bead Roll Sets		
Description	Steel P/N	Price
1/8" Edge Bead	201-125-E	\$70.00
3/16" Edge Bead	201-188-E	\$70.00
1/4" Edge Bead	201-250-E	\$70.00
5/16" Edge Bead	201-313-E	\$70.00
3/8" Edge Bead	201-375-E	\$70.00
1/2" Edge Bead	201-500-E	\$70.00
5/8" Edge Bead	201-625-E	\$90.00
3/4" Edge Bead	201-750-E	\$90.00
1" Edge Bead	201-100-E	\$95.00



Standard Flat Bead Roll Sets		
Description	Steel P/N	Price
1/8" Flat	201-125-F	\$70.00
3/16" Flat	201-188-F	\$70.00
1/4" Flat	201-250-F	\$70.00
5/16" Flat	201-313-F	\$70.00
3/8" Flat	201-375-F	\$70.00
1/2" Flat	201-500-F	\$70.00
5/8" Flat	201-625-F	\$90.00
3/4" Flat	201-750-F	\$90.00
1" Flat	201-100-F	\$95.00

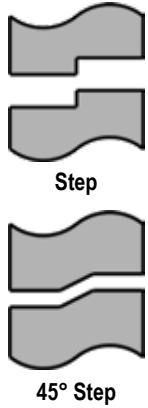


45° Bead Roll Sets		
Description	Steel P/N	Price
1/8" 45°	201-125-45	\$70.00
3/16" 45°	201-188-45	\$70.00
1/4" 45°	201-250-45	\$70.00
5/16" 45°	201-313-45	\$70.00
3/8" 45°	201-375-45	\$70.00
1/2" 45°	201-500-45	\$70.00
5/8" 45°	201-625-45	\$90.00
3/4" 45°	201-750-45	\$90.00
1" 45°	201-100-45	\$95.00



Measured Across Top Flat of Male Roll

Standard Step Roll Sets		
Description	Steel P/N	Price
.062" Step	201-062-S	\$70.00
.090" Step	201-090-S	\$70.00
1/8" Step	201-125-S	\$70.00
3/16" Step	201-188-S	\$70.00
1/4" Step	201-250-S	\$70.00
45° Step	201-045-S	\$70.00



Bead Size Indicates Width

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

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



Bead Rolls Now with Splined Center for Quicker & Easier Mounting!

Works with new Magna-Drive or any existing machine!

### Tube Bead Rolls

Fits our model 200 & 210 Bead Rollers



HD  
Rolls A Bead So Hoses Won't Slip Off

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

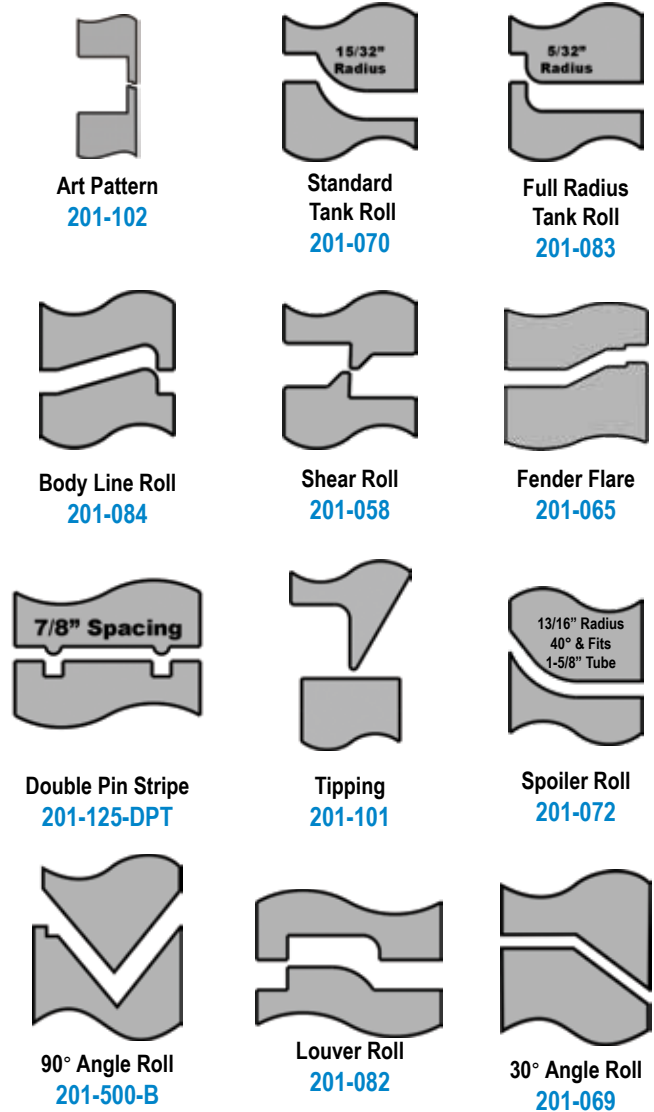
HD Tube Bead Rolls **Model 201-010 \$160.00**  
( 1-1/4" ID Min x .095" Wall Aluminum , .059 Mild Steel, .043 Stainless Steel)

# Specialty Rolls

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

Models 210-24, 210-24NV, 200-36, 200-36NV, 200-42, 210-24M, 202-24, 202-24NV, 202-36, & 202-36NV

Specialty Roll Sets		
Description	Steel P/N	Price
Art Pattern Roll Set	201-102	\$80.00
Blank Roll Set (non-machined)	201-002	\$42.00
Body Line Roll Set	201-084	\$70.00
Fender Flare Roll Set	201-065	\$100.00
Full Radius Tank Roll Set	201-083	\$70.00
Hem Roll Set Combo	201-037	\$185.00
Hem Roll Set Steel	201-038	\$185.00
Hem Roll Step #1 (1/4" 90°)	201-059	\$100.00
Hem Roll Step #1 (3/8" 90°)	201-008	\$100.00
Hem Roll Step #2 (140°)	201-060	\$100.00
Hem Roll Step #3 Flat	201-068	\$55.00
Louver Roll Set	201-082	\$135.00
Shear Roll Set	201-058	\$95.00
Standard Tank Roll Set	201-070	\$70.00
Spoiler Roll Set	201-072	\$80.00
Tipping Roll Set	201-101	\$80.00
Tube Bead Roll Set (HD)	201-010	\$160.00
30° Angle Roll Set	201-069	\$95.00
90° 1/2" Angle Roll Set	201-500-B	\$135.00
90° 3/4" Angle Roll Set	201-750-B	\$135.00
1/8" Double Taper Pinstripe Roll Set	201-125-DPT	\$135.00
1/16" Wire Bead Roll Set (3 pc Set)	201-062-WBS	\$240.00
1/8" Wire Bead Roll Set (3 pc Set)	201-125-WBS	\$240.00
3/4"W x 1/2"D Wire Trough Roll Set	201-750-WTS	\$135.00



## Hem Roll Set Complete

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

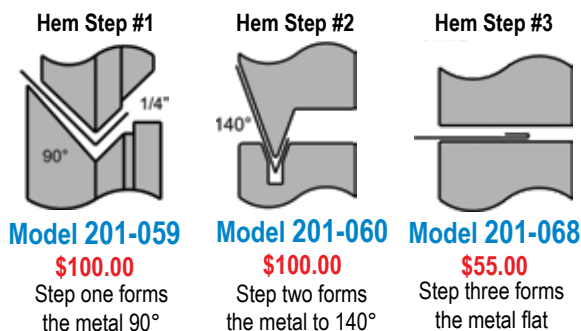


Complete Hem Roll Set Combo Steel / Nylatron

**Model 201-037 \$185** (save \$65)

Complete Hem Roll Set Combo Heat Treated Steel

**Model 201-038 \$185** (save \$65)

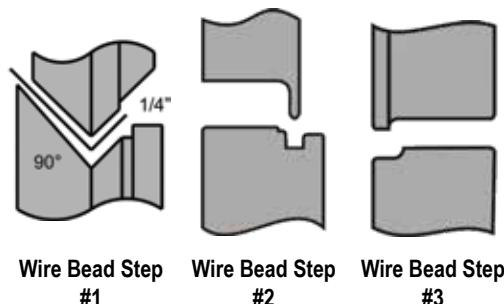


**Bead Size Indicates Width**

Some 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

## Wire Bead Roll Set Complete

1/16" Wire Bead Roll Set **Model 201-062-WBS \$240**  
1/8" Wire Bead Roll Set **Model 201-125-WBS \$240**



**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

Bead Roll Sets 2-1/2" OD

# Magna-Drive Quick Change System



Magna-Drive Quick Change System Contents

- All rolls driven with Splines
- Wrenchless Roll Changes
- Works with Steel OR Nylatron Rolls
- Magnets hold Steel Rolls firmly in place
- Knurled Speed Nuts can be used with Nylatron Rolls
- Works with New or Existing Machines

Magna-Drive Quick Change System **Model 200-175 \$95.00**

## Specialty Rolls Gold Series

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

Models 210-24, 210-24NV, 200-36, 200-36NV, 200-42, 210-24M, 202-24, 202-24NV, 202-36, & 202-36NV



22 Ga Mild Steel



16 Ga Aluminum



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



**Max Capacity  
16 Ga (.050") Aluminum**



Dice 203-141	Hex 203-221	Honeycomb 203-191	Radius 203-D-375R	Square 203-231	Stretched Metal 203-181	Barb Wire 203-101	Card Suit 203-121	Circle 203-211	Chain 203-131	Diamond 203-201	Diamond Plate 203-171
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- Set Fits the 1-1/8" Throat MB Bead Rolls
- Top roll is Heat Treated and Titanium Nitride Coated for long life
- Bottom roll is Urethane

**ROLL ONLY ROLL SET**  
**\$265.00 \$310.00**

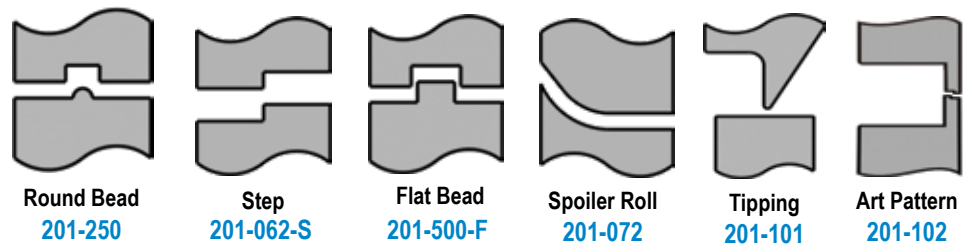
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# 24" Bead Roller Kit



**Kit includes:**

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



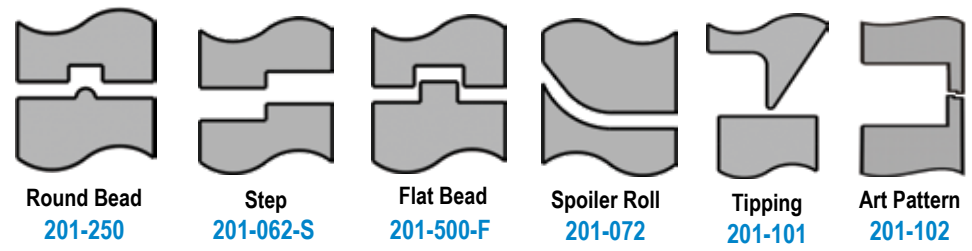
24" Standard Bead Roller Kit **Model 210-24-K \$1,495.00**  
 24" Industrial VS Bead Roller Kit **Model 210-24NV-K \$2,065.00**

# 36" Bead Roller Pro Racer & Restoration Kit



**Kit includes:**

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

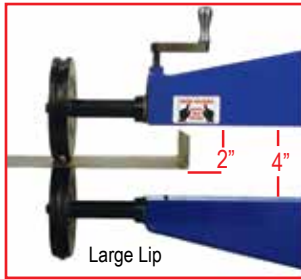


36" Bead Roller Pro Racer & Restoration Kit **Model 200-36NV-K \$2,250.00**

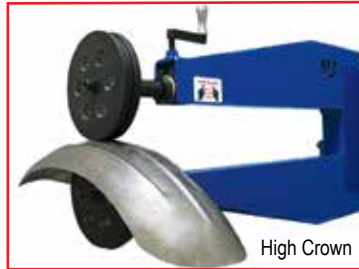
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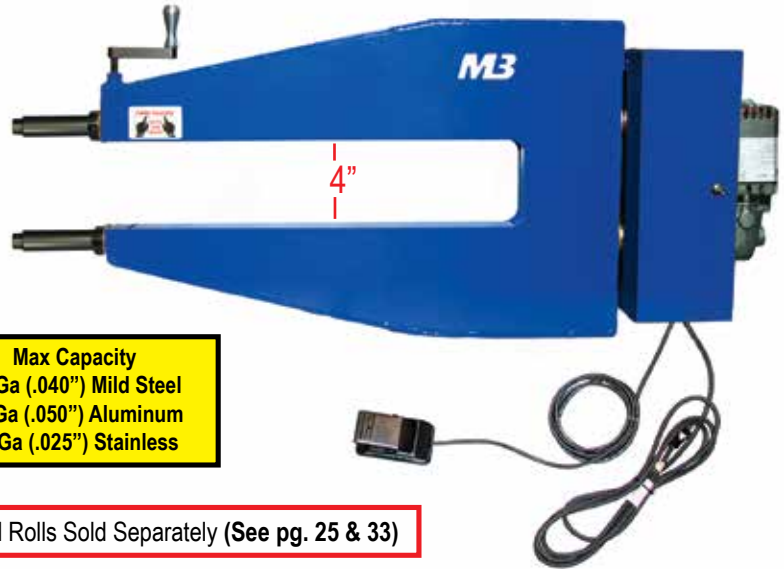
# High Throat Variable Speed Bead Roller



Large Lip



High Crown



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

Bead Rolls Sold Separately (See pg. 25 & 33)

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

24" Throat Depth High Throat Variable Speed Bead Roller **Model 204-24 \$995.00**  
 36" Throat Depth High Throat Variable Speed Bead Roller **Model 204-36 \$1,275.00**

Upgraded Adjustable Shaft Models Available On Page 32

## Industrial Variable Speed Models

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



#beadroller



Bead Rolls Sold Separately (See pg. 25 & 33)

24" Throat Depth Industrial VS High Throat Bead Roller **Model 204-24NV \$1,550.00**  
 36" Throat Depth Industrial VS High Throat Bead Roller **Model 204-36NV \$1,760.00**  
**Increased Motor Torque & Horsepower To Handle Up To 18 Ga Mild Steel**

Upgraded Adjustable Shaft Models Available On Page 32

## High Throat Bead Roller Accessories



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



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



Roll Holder  
 (High Throat Bead Roller)  
**Model 204-RH \$79.00**

ORDER ONLINE @ MITTLERBROS.COM





# High Throat Bead Roll Sets 5-1/2" OD

For Use With Our 4" Throat Bead Rollers: Models 204-24, 204-24NV, 204-36, 204-36NV, 202-24-HT, 202-24NV-HT, 202-36-HT, & 202-36NV-HT

5-1/2" OD  
Upper



5-1/2" OD  
Lower



Round Bead Roll Sets		
Description	Steel P/N	Price
1/8" Round	204-125	\$105.00
3/16" Round	204-188	\$105.00
1/4" Round	204-250	\$105.00
5/16" Round	204-313	\$105.00
3/8" Round	204-375	\$105.00
1/2" Round	204-500	\$105.00



Edge Bead Roll Sets		
Description	Steel P/N	Price
1/8" Edge Bead	204-125-E	\$105.00
3/16" Edge Bead	204-188-E	\$105.00
1/4" Edge Bead	204-250-E	\$105.00
5/16" Edge Bead	204-313-E	\$105.00
3/8" Edge Bead	204-375-E	\$105.00
1/2" Edge Bead	204-500-E	\$105.00



Step Roll Sets		
Description	Steel P/N	Price
.062" Step	204-062-S	\$105.00
.090" Step	204-090-S	\$105.00
1/8" Step	204-125-S	\$105.00
3/16" Step	204-188-S	\$105.00
1/4" Step	204-250-S	\$105.00
45° Step	204-045-S	\$105.00



Specialty Roll Sets		
Description	Steel P/N	Price
Art Pattern Roll Set	204-102	\$105.00
Blank Roll Set (non-machined)	204-002	\$80.00
Body Line Roll Set	204-084	\$105.00
Full Radius Tank Roll Set	204-083	\$105.00
Hem Roll Set Combo	204-037	\$290.00
Hem Roll Step #1 (1/4" 90°)	204-059	\$150.00
Hem Roll Step #1 (3/8" 90°)	204-008	\$150.00
Hem Roll Step #2 (140°)	204-060	\$120.00
Hem Roll Step #3 Flat	204-068	\$100.00
Shear Roll Set	204-058	\$140.00
Standard Tank Roll Set	204-070	\$105.00
Spoiler Roll Set	204-072	\$150.00
Tipping Roll Set	204-101	\$105.00
30° Angle Roll Set	204-069	\$105.00
90° 1/2" Angle Roll Set	204-500-B	\$175.00
90° 3/4" Angle Roll Set	204-750-B	\$175.00

Flat Bead Roll Sets		
Description	Steel P/N	Price
1/8" Flat	204-125-F	\$105.00
3/16" Flat	204-188-F	\$105.00
1/4" Flat	204-250-F	\$105.00
5/16" Flat	204-313-F	\$105.00
3/8" Flat	204-375-F	\$105.00
1/2" Flat	204-500-F	\$105.00



# High Crown Bead Roll Sets 2-1/2" OD/ 8-1/2" OD

204-24, 204-24NV, 204-36, & 204-36NV Powered Bead Rollers

High Crown Rolls allow for more throat height usage

**\$265.00**

2-1/2" OD  
Upper Roll

8-1/2" OD  
Lower Roll



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

ORDER TOLL FREE 1 - 800 - 467 - 2464

**MB MITTLER BROS.  
MACHINE & TOOL**

# Jamey Jordan

**SIGNATURE SERIES**

Mittler Bros. is proud to offer the Jamey Jordan Signature Series of Bead Rollers & Unique Rolls. Check out some of the unique artistic type work you can do with this combination.



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

- Jamey Jordan

Check Out: [www.HandmadeSeatCo.com](http://www.HandmadeSeatCo.com)  
With a little practice, you too can produce some unique work.

ORDER ONLINE @ [MITTLERBROS.COM](http://MITTLERBROS.COM)

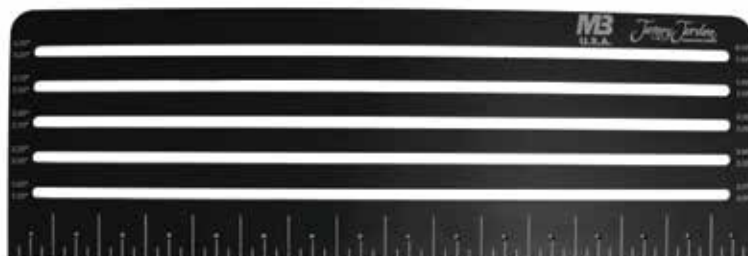


# Bead Roller Layout Templates

- Saves Time and Material
- 1/8" Aluminum for Long Life
- Laser Engraved



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



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



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

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

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

## Rivet / Bead Roll Layout Tool

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



Rivet / Layout Tool 202-400 \$80.00

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Standard 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



Lower Adjustable Shaft Option Now Available!



**Bead Rolls Sold Separately**

- 24" Model - Billet Aluminum Frame
- 36" Model - Jig Welded Steel Frame
- 100+ Bead Roll Profiles (See pages 20-22)

- 1-1/8" Throat Height
- Adjustable Depth of Bead
- Oilite Bushings for Long Life

- Variable Speed Foot Pedal Operation
- Forward / Reverse Switch
- Shaft Driven & Adjustable Up To 7/16"

## Standard Motor Bead Rollers w/ Adjustable Shafts

See page 18 for Standard Motor specs.

24" Throat Depth Variable Speed Bead Roller <small>With Upper Adjustable Shaft</small>	<b>Model 202-24</b>	<b>\$1,025.00</b>
24" Throat Depth Variable Speed Bead Roller <small>With Upper AND Lower Adjustable Shaft</small>	<b>Model 202-24-B</b>	<b>\$1,170.00</b>
36" Throat Depth Variable Speed Bead Roller <small>With Upper Adjustable Shaft</small>	<b>Model 202-36</b>	<b>\$1,395.00</b>
36" Throat Depth Variable Speed Bead Roller <small>With Upper AND Lower Adjustable Shaft</small>	<b>Model 202-36-B</b>	<b>\$1,520.00</b>

# Industrial Motor Bead Roller w/ Adjustable Shaft



#beadroller

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



**Bead Rolls Sold Separately**

Adjustable Shaft Allows For A Greater Range Of Motion

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

## Industrial Motor Bead Rollers w/ Adjustable Shaft

24" Throat Depth Industrial Variable Speed Bead Roller <small>With Upper Adjustable Shaft</small>	<b>Model 202-24NV</b>	<b>\$1,725.00</b>
24" Throat Depth Industrial Variable Speed Bead Roller <small>With Upper AND Lower Adjustable Shaft</small>	<b>Model 202-24NV-B</b>	<b>\$1,865.00</b>
36" Throat Depth Industrial Variable Speed Bead Roller <small>With Upper Adjustable Shaft</small>	<b>Model 202-36NV</b>	<b>\$1,975.00</b>
36" Throat Depth Industrial Variable Speed Bead Roller	<b>Model 202-36NV-B</b>	<b>\$2,100.00</b>

# Jamey Jordan Bead Roller Kit

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

## Jamey Jordan Signature Series Bead Roller Kit

- 24" **Model 202-24NV-K \$2,295.00** (Upper Adj. Shaft)
- 36" **Model 202-36NV-K \$2,435.00** (Upper Adj. Shaft)
- 24" **Model 202-24NV-B-K \$2,405.00** (Upper and Lower Adj. Shafts)
- 36" **Model 202-36NV-B-K \$2,545.00** (Upper and Lower Adj. Shafts)



**202-24NV**  
24" Bead Roller



Rolling Stand w/ Locking Casters  
and Integrated Roll Holders  
**Model 200-150**



**202-100**  
Art Roll Kit



**MB-1000-JJ1**  
Instructional DVD

### Each kit includes:

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

**202-200**  
Bead Roller Table



## 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" Upper Shaft **Model 202-022 \$210.00**
- 24" Lower Shaft **Model 202-022-L \$265.00**
- 36" Upper Shaft **Model 202-061 \$240.00**
- 36" Lower Shaft **Model 202-061-L \$290.00**



### 24" or 36" Bead Roller Table

**Model 202-200 \$240.00**

### 24" or 36" High Throat Bead Roller Table

**Model 202-200-HT \$295.00**

- Supports Material While You Work  
(Bead Roller Not Included)



Close Up



In Upright Position



**Jamey Jordan**

Art Of Bead Rolling Vol. 1 DVD

**MB-1000-JJ1...\$25.00**

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



**Jamey Jordan**

Art Of Bead Rolling Vol. 2 DVD

**MB-1000-JJ2...\$30.00**

Learn how to bring your metal working artistry to a whole new level in this informational DVD.

ORDER TOLL FREE 1 - 800 - 467 - 2464

# Jamey Jordan Signature Series Bead Rolls

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

All Jamey Jordan Roll Sets  
 2-1/2" OD x 3/4" ID

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



**202-090**  
Soft Step Roll



**202-091**  
Radius Step Roll



**202-092**  
45° Step Roll



**202-101**  
Art Roll



**202-102**  
Solid Roll



**202-103**  
Solid Groove



**202-104**  
Universal Groove

Individual Bead Rolls		
Description	Part #	Price
Scar Roll Set (3 Rolls)	202-099	\$210.00
Art Roll (1 Roll)	202-101	\$70.00
Art Roll Nylatron Plastic (1 Roll)	202-101-D	\$70.00
Solid Roll (1 Roll)	202-102	\$70.00
Solid Groove Roll (1 Roll)	202-103	\$70.00
Universal Groove Roll (1 Roll)	202-104	\$70.00
Soft Step Set (2 Rolls)	202-105	\$100.00
Radius Step Set (2 Rolls)	202-106	\$100.00
45° Step Set (2 Rolls)	202-107	\$100.00
Soft Step Roll (1 Roll)	202-090	\$70.00
Radius Step Roll (1 Roll)	202-091	\$70.00
45° Step Roll (1 Roll)	202-092	\$70.00
Skateboard Wheel Roll (3 Rolls)	202-108	\$205.00
Stitching Set (2 Rolls)	202-109	\$140.00
1/2" Radius Roll Set (2 Rolls)	202-100TR	\$155.00
5/8" Radius Roll Set (2 Rolls)	202-125TR	\$155.00
3/4" Radius Roll Set (2 Rolls)	202-150TR	\$155.00
7/8" Radius Roll Set (2 Rolls)	202-175TR	\$155.00

## Scar Roll Set



**202-099**  
Scar 3pc. Kit  
**\$210.00**

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

## Stitching Roll Set



**202-109**  
Stitching 2pc. Set  
**\$140.00**

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

## Skateboard Wheel Roll Set 3 piece

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



Durometer or "Hardness" of the rolls:  
 Black = 60 Model 202-096-BK \$70.00  
 Orange = 80 Model 202-096-OR \$70.00  
 Blue = 90 Model 202-096-BL \$70.00  
 3 Piece Kit Model 202-108 \$205.00

# Jamey Jordan Signature Series Bead Rolls

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

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

Bead Roller Table Available  
Page 29

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



**202-101**  
Art Roll (Steel)



**202-102**  
Solid Roll



**202-103**  
Solid Groove Roll



**202-104**  
Universal Groove Roll

## 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 nylatron upon request (#202-101-D)

**Model 202-100 \$240.00**

**202-105**  
Soft Step Set



**202-105**  
Soft Step Set

**202-106**  
Radius Step Roll Set



**202-106**  
Radius Step Roll Set

**202-107**  
45° Step Set



**202-107**  
45° Step Set

## Jamey Jordan Signature Series Step Die Kit

These dies will allow a softer, smoother finish on your step. Each roll will allow you to create its own unique bead profile.

Includes: 202-105, 202-106, 202-107

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

**Model 202-094 \$280.00**



**202-101-D**  
Art Roll (Nylatron)



**202-090**  
Soft Step Roll



**202-091**  
Radius Step Roll



**202-092**  
45° Step Roll

## Jamey Jordan Signature Series Art Roll Step Kit

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

Includes: 202-101-D, 202-090, 202-091, 202-092

**Model 202-095 \$240.00**

## 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.



### Steel Tube Rolls

<b>202-100TR-S</b>	<b>202-125TR-S</b>	<b>202-150TR-S</b>	<b>202-175TR-S</b>
1/2" Radius	5/8" Radius	3/4" Radius	7/8" Radius
1" Tube	1-1/4" Tube	1-1/2" Tube	1-3/4" Tube
<b>\$155.00</b>	<b>\$155.00</b>	<b>\$155.00</b>	<b>\$155.00</b>

### Nylatron Tube Rolls

<b>202-100TR</b>	<b>202-125TR</b>	<b>202-150TR</b>	<b>202-175TR</b>
1/2" Radius	5/8" Radius	3/4" Radius	7/8" Radius
1" Tube	1-1/4" Tube	1-1/2" Tube	1-3/4" Tube
<b>\$155.00</b>	<b>\$155.00</b>	<b>\$155.00</b>	<b>\$155.00</b>

ORDER TOLL FREE 1 - 800 - 467 - 2464



# 4" High Throat Standard Bead Roller w/ Adjustable Shaft



**Bead Rolls Sold Separately**

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

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

24" Throat Depth 4" High Throat Bead Roller **Model 202-24-HT \$1,275.00**  
 With Upper Adjustable Shaft

36" Throat Depth 4" High Throat Bead Roller **Model 202-36-HT \$1,525.00**  
 With Upper Adjustable Shaft

# 4" High Throat Industrial Bead Roller w/ Adjustable Shaft



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

**Bead Rolls Sold Separately**

- 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
- Speed Range Adjustment Knob

24" Throat Depth 4" High Throat Industrial Variable Speed Bead Roller **Model 202-24NV-HT \$1,865.00**  
 With Upper Adjustable Shaft

36" Throat Depth 4" High Throat Industrial Variable Speed Bead Roller **Model 202-36NV-HT \$2,065.00**  
 With Upper Adjustable Shaft

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

## Upgrade Your Existing High Throat Bead Roller With An Adjustable Shaft

All the parts required to upgrade Bead Roller Models:  
 204-24, 204-24NV, 204-36, 204-36NV

## Adjustable Shaft Upgrade Kit

- 24" **Model 202-022-HT \$240.00**
- 36" **Model 202-061-HT \$260.00**

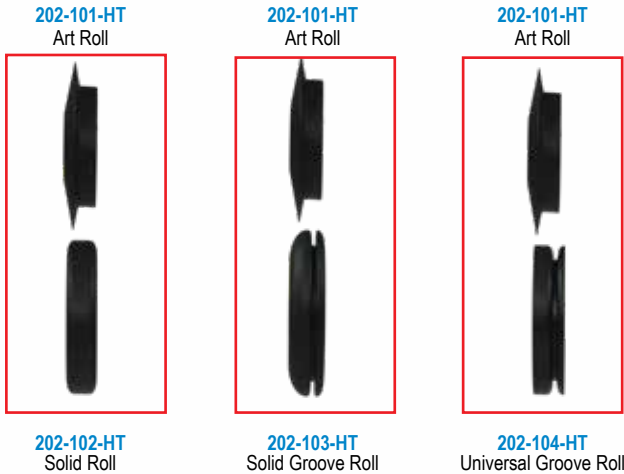


# Jamey Jordan Signature Series Bead Rolls

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.



Individual Bead Rolls		
Description	Part #	Price
Art Roll (1 Roll)	202-101-HT	\$100.00
Solid Roll (1 Roll)	202-102-HT	\$100.00
Solid Groove Roll (1 Roll)	202-103-HT	\$100.00
Universal Groove Roll (1 Roll)	202-104-HT	\$100.00

## 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.

Includes: 202-101-HT, 202-102-HT, 202-103-HT, & 202-104-HT

**Model 202-100-HT \$370.00**



## Attend a Jamey Jordan Metalworking Class



Since 2016, Mittler Bros. has played host to several Metalworking Classes hosted by Jamey Jordan with great success! You will learn the tricks of the trade from the man himself! Each class typically covers the following, spread over two days:

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

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

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Variable Speed Rotary Machine Kit

## 14" Throat Variable Speed Rotary Machine Kit Includes #200-009-R Depth Stop

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

**Consult Mittler Bros.  
On Stainless Steel  
Applications**



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

**Model 200-14NV \$3,360.00**

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



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

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

**Consult Mittler Bros.  
On Stainless Steel  
Applications**

**Model 200-10NV \$2,625.00**

## Accessories

### Floor Stands



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

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



**Rolling Stand w/  
Locking Casters  
Model 200-150 \$185.00**

### Depth Stop



**Depth Stop  
Model 200-009-R \$135.00**

### Roll Holder

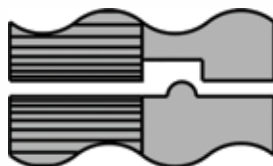


**Roll Holder  
Model 200-RH \$79.00**

ORDER ONLINE @ MITTLERBROS.COM

# Rotary Machine Roll Sets

Specialty Roll Sets		
Description	Steel P/N	Price
Combo 2" Crimp & 5/16" Bead <small>(Contains a Crimp Roll Set &amp; a Bead Roll Set)</small>	201-081-K	\$210.00
2" Crimp Roll Set	201-003-K	\$190.00
Duct Work "V" Groove Roll Set	201-079-K	\$115.00
Elbow Edge Roll Set	201-064-K	\$115.00
Fire Damper Roll Set	201-055-K	\$150.00
Hem Roll Step #1 (1/4" 90°)	201-059-SK	\$115.00
Hem Roll Step #1 (3/8" 90°)	201-008-K	\$115.00
Hem Roll Step #2 (140°)	201-060-SK	\$115.00
Hem Roll Step #3 Flat	201-068-K	\$80.00
Hem Roll Set Combo	201-037-K	\$315.00
Gore Edge Roll Set	201-054-K	\$115.00
Offset Swedge Roll Set	201-078-K	\$115.00
OGEE Roll Set	201-074-K	\$115.00
Shear Roll Set	201-058-K	\$115.00
Spin Collar #1 Roll Set	201-051-K	\$115.00
Spin Collar #2 Roll Set	201-052-K	\$115.00
Turning Roll Set	201-053-K	\$115.00
Flange Roll Sets		
1/4" Flange Roll Set	201-057-K	\$115.00
3/8" Flange Roll Set	201-056-K	\$115.00
Edge Bead Roll Sets		
1/8" Edge Bead Roll Set	201-125-EK	\$115.00
3/16" Edge Bead Roll Set	201-188-EK	\$115.00
1/4" Edge Bead Roll Set	201-250-EK	\$115.00
5/16" Edge Bead Roll Set	201-313-EK	\$115.00
3/8" Edge Bead Roll Set	201-375-EK	\$115.00
1/2" Edge Bead Roll Set	201-500-EK	\$115.00
Round Bead Roll Sets		
1/8" Round Bead Roll Set	201-125-K	\$115.00
3/16" Round Bead Roll Set	201-188-K	\$115.00
1/4" Round Bead Roll Set	201-250-K	\$115.00
5/16" Round Bead Roll Set	201-313-K	\$115.00
3/8" Round Bead Roll Set	201-375-K	\$115.00
1/2" Round Bead Roll Set	201-500-K	\$115.00
1" Round Bead Roll Set	201-100-K	\$115.00
Flat Bead Roll Sets		
1/8" Flat Bead Roll Set	201-125-FK	\$115.00
3/16" Flat Bead Roll Set	201-188-FK	\$115.00
1/4" Flat Bead Roll Set	201-250-FK	\$115.00
5/16" Flat Bead Roll Set	201-313-FK	\$115.00
3/8" Flat Bead Roll Set	201-375-FK	\$115.00
1/2" Flat Bead Roll Set	201-500-FK	\$115.00
Step Roll Sets		
1/16" Step Roll Set	201-062-SK	\$115.00
1/8" Step Roll Set	201-125-SK	\$115.00
45° Step Roll Set	201-045-SK	\$115.00



Combo Crimp & Bead  
(2 roll set)  
201-081-K



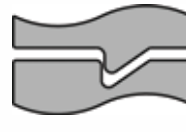
2" Crimp  
Roll Set  
201-003-K



Duct Work  
"V" Set  
201-079-K



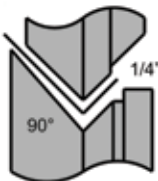
Elbow Edge Set  
201-064-K



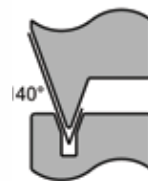
Fire Damper Set  
201-055-K



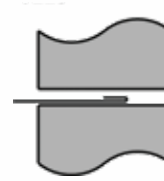
Flange Roll Set  
201-056-K



Hem Step #1  
201-059-SK



Hem Step #2  
201-060-SK



Hem Step #3  
201-068-SK



Gore Edge Set  
201-054-K



Off Set Swedge  
201-078-K



OGEE Set  
201-074-K



Shear Roll  
201-058-K



Spin Collar  
Step 1 201-051-K  
Step 2 201-052-K



Round Bead Roll  
201-125-K



Flat Bead Roll  
201-125-FK



Std. Step Roll  
201-062-K



45° Step Roll  
201-045-K

Roll Sets for Rotary Machines Use a 1/8" keyway  
-K Stands For Keyed

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

See [www.mittlerbros.com](http://www.mittlerbros.com) or Call  
For More Detailed Information



# Hydraulic Bench Presses

10 Ton Hydraulic Heavy Duty Bench Press

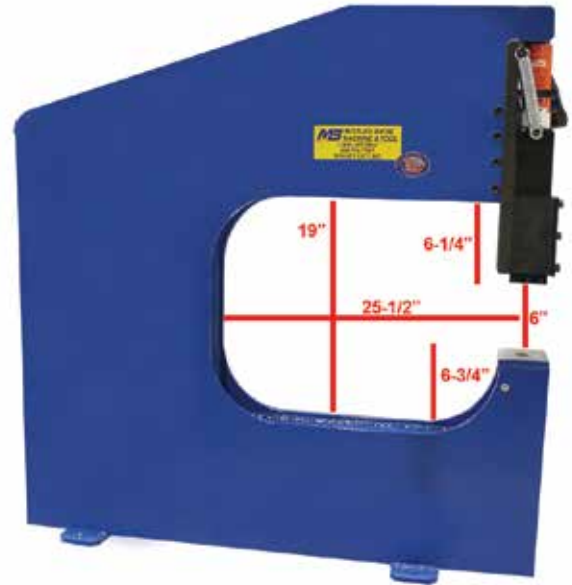


5 Ton Hydraulic Bench Press

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



See Website for Adapter



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

- 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
- Dual Usage as Standard Press or Arbor Press

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

5 Ton Hydraulic Bench Press

Model **2200-H** **\$835.00**

10 Ton Hydraulic Bench Press

Model **2210-HD** **\$3,145.00**

Hydraulic Pumps Sold Separately



Accepts All Bench Press & Louver Press Tooling (pp. 38-39)  
 Most Tooling mounts for front to back use or rotate 90° for side to side use

## 10 Ton Spring Steel Hydraulic Press

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



## 10 Ton Hydraulic HD Bench Press Stand



10 Ton Hydraulic HD Bench Press Stand

Model **2210-100** **\$450**

10 Ton Spring Steel Hydraulic Bench Press Model **2200-HSK** **\$1,040.00**

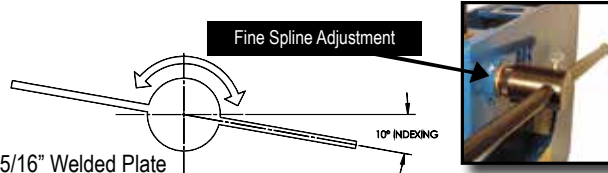
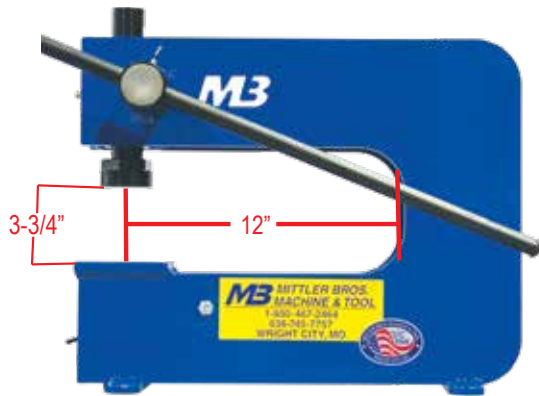
10 Ton Hydraulic Bench Press Only Model **2200-HS** **\$835.00**

ORDER ONLINE @ MITTLERBROS.COM

# Manual Bench Presses

## 3 Ton Manual Bench Press

Model 2200-M **\$695.00**



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



Maintain Consistent Depth Across Work Piece

Bench Press Ram Stop  
Model 2200-RS **\$90.00**

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



- 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

## Dual Manual Bench Press - 3 Ton

Model 2240-2M...**\$1,375.00**



- Rugged 5/16" Welded Plate Construction
- Two 12" Deep and 3" Deep Throats
- Mount 4 Types Of Tooling Simultaneously
- Ideal For Production Use

## Quad Manual Bench Press - 3 Ton

Model 2240-4M...**\$2,095.00**



Roll Around Stand  
Model 2240-100  
**\$370.00**

- Can be added to any 2200 Series existing press
- Allows 10° Indexing
- Allows fast positioning of handle
- No Tool Adjustment



## Quick Index Press Handle Kit

Model 2200-IH...**\$160.00**

## Small Manual Bench Press

Model 2240-1M...**\$475.00**

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



- Rugged 5/16" Welded Plate Construction
- 3" Deep Throat
- Ideal For Production Use
- Can Be Mounted On Any Stable Surface Using The Included Hole Drill Template

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



ORDER TOLL FREE 1 - 800 - 467 - 2464

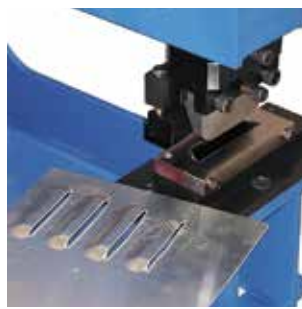
# Bench Press Accessories

Fits Our Bench Presses & Louver Press Kits

Most Tooling mounts for front to back use or rotate 90° for side to side use



Bench Press Louver Punch Start-Up Kits		
Size	Part #	Price
1"	2200-LA-01	\$815.00
2"	2200-LA-02	\$815.00
3"	2200-LA-03	\$815.00
4"	2200-LA-04	\$835.00
5"	2200-LA-05	\$835.00
3" Dome	2200-LA-06	\$835.00
4" Dome	2200-LA-07	\$835.00
Individual Louver Punch Dies		
Size	Part #	Price
1"	500-041	\$500.00
2"	500-042	\$500.00
3"	500-043	\$500.00
4"	500-044	\$520.00
5"	500-045	\$520.00
3" Dome	500-046	\$520.00
4" Dome	500-047	\$520.00

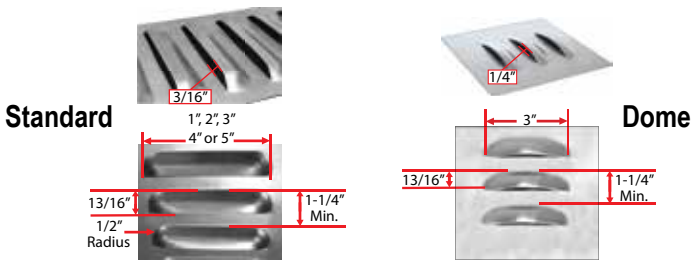


## Bench Press Louver Punch / Die

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

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

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



## Corner Radius Punch

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

- 1/4", 1/2", 3/4", 1" **Model 2200-4RCP \$265.00**
- 1", 1-1/4", 1-1/2" & 2" **Model 2200-020-A \$370.00**
- 2-1/4" (Single Punch) **Model 2200-020-2250 \$405.00**
- 3" (Single Punch) **Model 2200-020-3000 \$440.00**

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

## Dzus® Punch

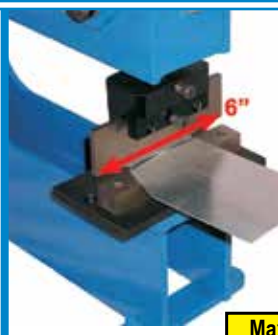


Dzus® Punch makes perfect #5 (1" spacing) and #6 (1-3/8" spacing) Dzus button and spring holes in one operation.

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

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

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

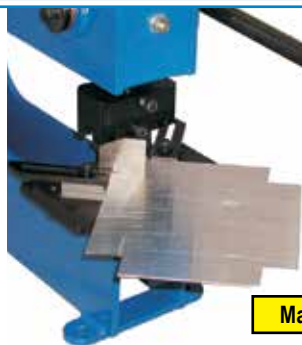


## Shear

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

**Model 2200-SA.....\$230.00**

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



## Corner Punch

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

**Model 2200-CPA...\$310.00**

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



## 90° Degree Brake

Finish up those boxes & trays with this handy brake. Up to 4-1/2" Width

Includes Ram Adapter

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

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

# Bench Press Accessories

Fits Our Bench Presses & Louver Press Kits

Most Tooling mounts for front to back use or rotate 90° for side to side use

## Shrinker / Stretcher Deep Throat



**Max Capacity:  
18 Ga (.047") Mild Steel**

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

### Shrinker / Stretcher Deep Throat Set with Adapter

Model 550-100...\$335.00

### Shrinker Deep Throat Set with Adapter

Model 550-101...\$220.00

### Stretcher Deep Throat Set with Adapter

Model 550-102...\$220.00

## Press Brake Mounting Adapter Kit

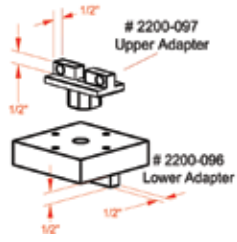
Allows the mounting of all Mittler Bros. Press Tooling into most manufacturers press brake.

Model 2200-096A.....\$160.00

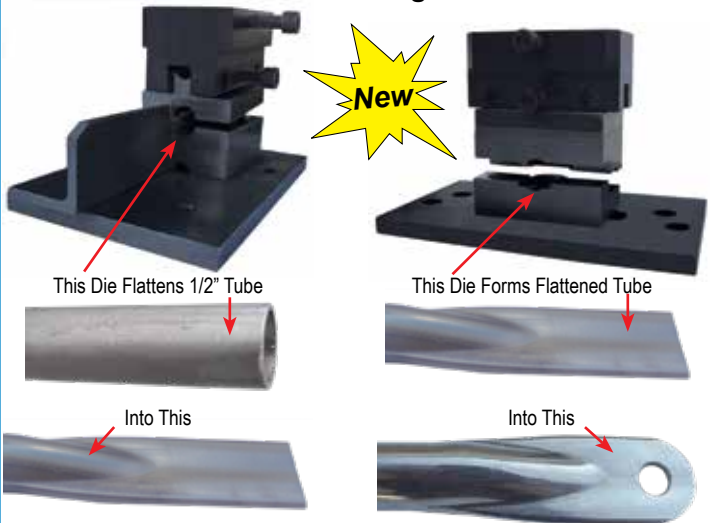
Includes:

QTY: 1 #2200-96 Lower Mount Adapter

QTY: 1 #2200-97 Upper Mount Adapter



## Tube Flattening Die



This Die Flattens 1/2" Tube

This Die Forms Flattened Tube

Into This

Into This

### Tube Flattening Die

3/8" 2200-TF.375 \$205

1/2" 2200-TF.500 \$205

5 Ton Hydraulic Press Required

5/8" 2200-TF.625 \$205

3/4" 2200-TF.750 \$205

10 Ton Hydraulic Press Required

### Tube Punch & Radius Die

3/8" - 1/2" 2200-TPR \$265

5 Ton Hydraulic Press Required

5/8" - 3/4" 2200-TPR2 \$265

10 Ton Hydraulic Press Required

This punch press operation is a cost-effective way to produce a flat tube end for tubular assemblies. This is a two step operation, one step for flattening the tube, while the other radius the corners and punches a hole in one motion.

**Designed For .045" Wall**

## Punch & Die Mounting Kit

Includes Coupling Nut and Die Holder

Model 2200-040...\$165.00



**Max Capacity**  
16 Ga (.059") Mild Steel  
12 Ga (.080") Aluminum

(Required for Round, Oblong, Square, Hex, and Metric Punch and Die Sets Punch & Die Sold Separately)

## REQUIRED ORDERING

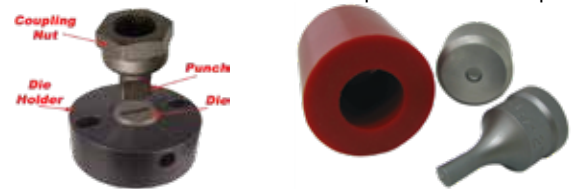
Punch & Die Sets Provide:  
Material Type & Material Thickness  
to Determine Die Clearance

#2200-515 Round Punch / Die Set - \$105.00/ per size - 5/32" up to 1-1/16" (w/Urethane Stripper)

#2200-516 Oblong Punch / Die Set - \$280.00/ per size - 3/16" x 3/4" up to 13/16" x 1" (w/Urethane Stripper)

#2200-517 Square Punch / Die Set - \$280.00/ per size - 1/4" x 1/4" up to 13/16" x 13/16" (w Stripper)

#2200-518 Hex Punch / Die Set - \$280.00/ per size - 11/32" up to 27/32" (w/Urethane Stripper)



Individual  
Punch & Die Set  
Complete As Shown

## Punch & Die Sets

Round, Oblong, Square and Hex  
Punch and Die Sets

Each Set Contains One Individual Size

## Finish Washer Die

Form a washer into the metal!



#10 #2200-FWD-010 - \$95.00

1/4" #2200-FWD-250 - \$95.00

## Quick Change Tooling for Punch & Flares

Eliminate the hassle of changing out Punch & Flare or Punch & Bead tooling with one simple setup!



**One Knurl Washer Required  
Per Piece of Tooling**

**Must Be Used in Press**

#2200-QC1 Lower Bolt Adapter & Bolts for Quick Change Tooling - \$38.00

#2200-QC2 Knurl Washer & Bolts for Quick Change Tooling - \$14.00

ORDER TOLL FREE 1 - 800 - 467 - 2464

# Automotive Punch & Flare Tools

Automotive Punch & Flare Sets		
Size	Part #	Price
1"	1300-013	\$120.00
1-1/4"	1300-014	\$120.00
1-1/2"	1300-015	\$135.00
1-3/4"	1300-016	\$135.00
2"	1300-017	\$145.00
2-1/2"	1300-018	\$145.00
3"	1300-020	\$160.00

## Punch & Flare



## Punch & Bead



Automotive Punch & Bead Sets		
Size	Part #	Price
1"	1300-013-B	\$120.00
1-1/4"	1300-014-B	\$120.00
1-1/2"	1300-015-B	\$135.00
1-3/4"	1300-016-B	\$135.00
2"	1300-017-B	\$145.00
2-1/2"	1300-018-B	\$145.00
3"	1300-020-B	\$160.00

Punch & Flare Kit 1" thru 2-1/2"

Model 1300-402...\$720.00

Punch & Flare Set 1" thru 3"

Model 1300-403...\$860.00

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

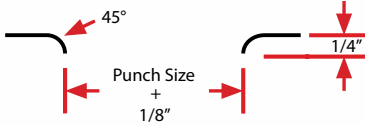
**Max Thickness:**  
 Aluminum 18 Ga (.040")  
 Mild Steel 19 Ga (.040")  
 Stainless Steel 20 Ga (.037")

Punch & Bead Kit 1" thru 2-1/2"

Model 1300-402-B \$720.00

Punch & Bead Kit 1" thru 3"

Model 1300-403-B \$860.00



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.



Automotive Punch / Flare

## Gauge Hole Punches

2-1/16" Hole Punch Model 1300-028 \$120.00

2-1/4" Hole Punch Model 1300-026 \$120.00

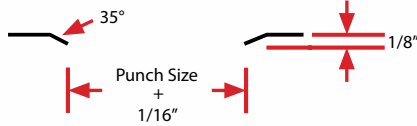
2-5/8" Hole Punch Model 1300-021 \$120.00

3-3/8" Hole Punch Model 1300-030 \$220.00

(Small Autometer Tachometer)

Capacity :  
Mild Steel 16 Ga

## Aircraft Punch & Flare Tools



Aircraft Punch / Flare



**Max Thickness:**  
 Aluminum 14 Ga (.064")  
 Mild Steel 16 Ga (.059")  
 Stainless Steel 19 Ga (.040")

## Aircraft Punch & Flare Sets

Size	Part #	Price
1"	1300-030AC35	\$130.00
1-1/4"	1300-031AC35	\$130.00
1-1/2"	1300-032AC35	\$145.00
1-3/4"	1300-033AC35	\$145.00
2"	1300-034AC35	\$155.00
2-1/4"	1300-035AC35	\$155.00
2-1/2"	1300-036AC35	\$155.00
2-3/4"	1300-037AC35	\$170.00
3"	1300-038AC35	\$170.00
3-1/8"	1300-039AC35	\$230.00
3-1/4"	1300-040AC35	\$230.00
3-1/2"	1300-041AC35	\$230.00
3-3/4"	1300-042AC35	\$245.00
4"	1300-043AC35	\$2245.00
5"	1300-044AC35	\$300.00
6"	1300-045AC35	\$355.00

## Instrument Hole Punches



### Instrument Hole Punches

Size	Part #	Price
2-1/4"	1300-026	\$120.00
3-1/8"	1300-029	\$130.00

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 edge 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"

(does not include 2-1/4")  
 Model 1300-415 \$780.00

7pc Punch & Flare Set 1" thru 3"

(does not include 2-1/4" or 2-3/4")  
 Model 1300-412 \$930.00

9pc Punch & Flare Set 1" thru 3"

Model 1300-414 \$1,120.00

13pc Punch & Flare Set 1" thru 4"

Model 1300-413 \$2,050.00  
 (does not include 3-1/8")



# Punch & Flare / Punch & Bead Cases

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



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

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

## Dimple Dies



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

**Max Capacity:**  
**0.125" Mild Steel**  
**4130 Chrome Moly**

4 Piece Dimple Die Kit  
 (1/2", 1", 1-1/2", & 2")  
**Model # 1310-310 \$370.00**

5 Piece Dimple Die Kit  
 (1/2", 1", 1-1/2", 2" & 2-1/2")  
**Model # 1310-311 \$555.00**

6 Piece Dimple Die Kit  
 (1/2", 1", 1-1/2", 2", 2-1/2" & 3")  
**Model # 1310-312 \$745.00**

7 Piece Dimple Die Kit  
 (1/2", 3/4", 1", 1-1/4", 1-1/2", 1-3/4", & 2")  
**Model # 1310-313 \$545.00**

9 Piece Dimple Die Kit  
 (1/2", 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2" & 3")  
**Model # 1310-314 \$940.00**

Dimple Dies		
Size	Part #	Price
1/2"	1310-301	\$68.00
3/4"	1310-302	\$68.00
1"	1310-303	\$79.00
1-1/4"	1310-304	\$100.00
1-1/2"	1310-305	\$125.00
1-3/4"	1310-306	\$140.00
2"	1310-307	\$160.00
2-1/2"	1310-308	\$205.00
3"	1310-309	\$235.00

## Flare Tools



**Max Capacity:**  
**0.063" Mild Steel**

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

- Adds Strength
- Enhanced Appearance

Flare Kit (1/2" thru 2-1/2")  
**Model 1300-401 \$370.00**

Automotive Flare Sets		
Size	Part #	Price
1/2"	1300-001	\$47.00
5/8"	1300-002	\$47.00
3/4"	1300-003	\$47.00
1"	1300-004	\$47.00
1-1/4"	1300-005	\$47.00
1-1/2"	1300-006	\$53.00
1-3/4"	1300-007	\$53.00
2"	1300-008	\$53.00
2-1/2"	1300-009	\$53.00

## Forming Dies



Round

Triangle

Oval

Round Forming Die Sets		
Size	Part #	Price
1/2"	1340-010	\$68.00
5/8"	1340-020	\$68.00
3/4"	1340-030	\$68.00
1"	1340-040	\$68.00
1-1/4"	1340-050	\$68.00
1-1/2"	1340-060	\$74.00
1-3/4"	1340-070	\$74.00
2"	1340-080	\$74.00
2-1/2"	1340-090	\$74.00

Oval Forming Die Sets		
Size	Part #	Price
1-1/4" x 2"	1350-010	\$310.00
1-3/4" x 2-3/4"	1350-020	\$340.00
2" x 3-1/4"	1350-030	\$365.00
Set	1350-100	\$985.00

Triangle Forming Die Sets		
Size	Part #	Price
1-1/2"	1360-010	\$310.00
2"	1360-020	\$340.00
2-1/2"	1360-030	\$365.00
Set	1360-100	\$985.00

ORDER TOLL FREE 1 - 800 - 467 - 2464

# Triangle Punch & Flares

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

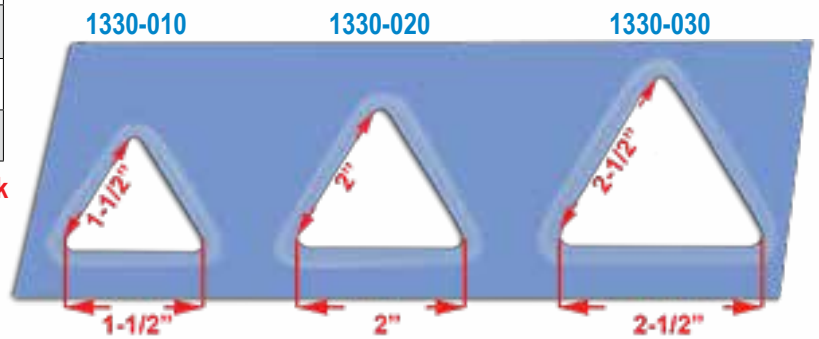
- Heat Treated Tool Steel For Long Life
- Drill Template Included

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



1-1/2"	Model 1330-010	\$470.00
2"	Model 1330-020	\$500.00
2-1/2"	Model 1330-030	\$520.00
*3 Punch Kit	Model 1330-100	\$1,465.00

\*Kit Includes 3 Punches and 1 Universal Press Block



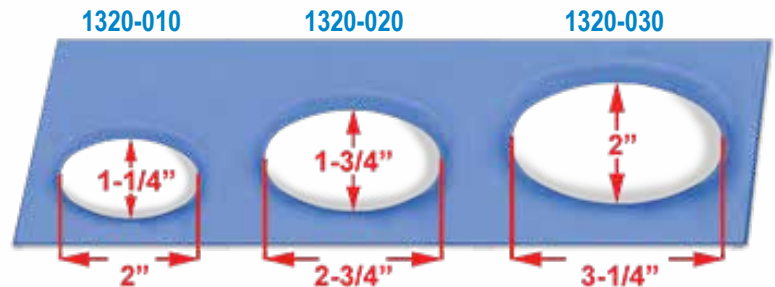
Universal Press Block Model 1330-001 \$75.00

# 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, sold separately

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



Universal Press Block Model 1320-001 \$75.00



- Fits All Sizes
- Only One Needed

1-1/4" x 2"	Model 1320-010	\$470.00
1-3/4" x 2-3/4"	Model 1320-020	\$500.00
2" x 3-1/4"	Model 1320-030	\$520.00
Oval Punch Kit	Model 1320-100	\$1,465.00

Kit Includes 3 Punches and 1 Universal Press Block



# 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.



Frame To Be Built By Customer

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

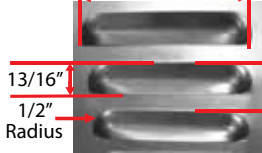
Frame To Be Built By Customer

Hydraulic Pump Sold Separately

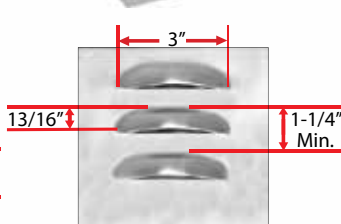
## Standard



1", 2", 3"  
4" or 5"



## Dome



LOUVER PRESS KIT (With Hydraulic Ram & Slide Assembly)		
Size	Part #	Price
1"	500-LA-041	\$1,815.00
2"	500-LA-042	\$1,815.00
3"	500-LA-043	\$1,815.00
4"	500-LA-044	\$1,815.00
5"	500-LA-045	\$1,815.00
3" Dome	500-LA-046	\$1,815.00
4" Dome	500-LA-047	\$1,815.00
INDIVIDUAL LOUVER PUNCHES/DIE (Punch & Die only)		
Size	Part #	Price
1"	500-041	\$500.00
2"	500-042	\$500.00
3"	500-043	\$500.00
4"	500-044	\$520.00
5"	500-045	\$520.00
3" Dome	500-046	\$520.00
4" Dome	500-047	\$520.00

## Accessories



- 90 PSI Compressed Air  
Air Hydraulic Pump, 6' Hose & Fitting  
**Model 900-504-6 \$675.00**
- Air Hydraulic Pump - Model 900-504 \$600.00  
6' Hose - Model 900-505-6 \$75.00  
10' Hose - Model 900-505-10 \$130.00  
20' Hose - Model 900-505-20 \$155.00



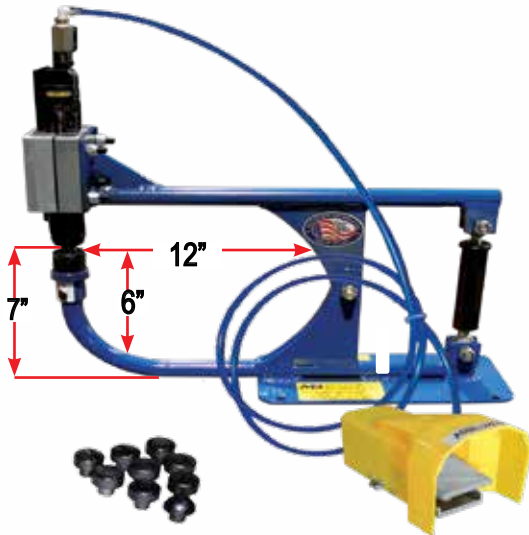
- 115v. 1Ph 60Hz. with 10' Operator Cord  
Electric Hydraulic Pump, 6' Hose & Fitting  
**Model 900-508-6 \$1,675.00**
- Electric Hydraulic Pump - Model 900-508 \$1,600.00  
6' Hose - Model 900-505-6 \$75.00  
10' Hose - Model 900-505-10 \$130.00  
20' Hose - Model 900-505-20 \$155.00

Accepts Our Bench Press & Louver Press Tooling (pp. 38-39)  
Most Tooling mounts for front to back use or rotate 90° for side to side use

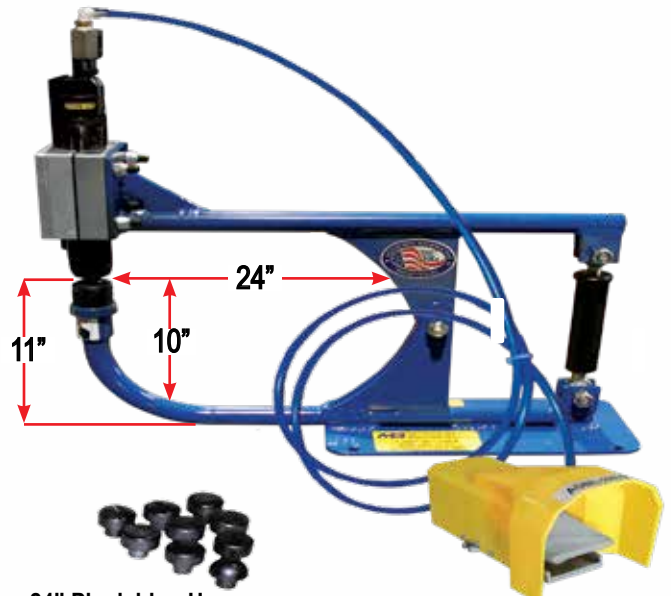
<p>Corner Radius Punch</p>	<p>90° Degree Bend</p>	<p>Corner Punch</p>	<p>Shear</p>	<p>Louver Punch / Die</p>	<p>Shrinker / Stretcher Deep Throat</p>	<p>Punch &amp; Die Mounting Kit Round, Square &amp; Oblong Punches</p>	<p>Punch &amp; Flare</p>
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ORDER TOLL FREE 1 - 800 - 467 - 2464

# Planishing Hammers



12" Planishing Hammer



24" Planishing Hammer

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

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



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

12" Planishing Hammer with 9 Radius Steel Anvils **Model 2700 \$895.00**

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



Planishing Hammer Anvil Holder

Mounts to 3100-100 table and holds full set of of Anvils

**Model 2700-AR \$47.00**



Optional Floor Stand w/ Locking Casters

**Model 3100-100 \$265.00**

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

Planishing Hammer Anvils		
Description	Part #	Price
3/4" Radius	2700-010	\$53.00
1-1/2" Radius	2700-011	\$53.00
2" Radius	2700-012	\$53.00
3" Radius	2700-013	\$53.00
4" Radius	2700-014	\$53.00
6" Radius	2700-015	\$53.00
8" Radius	2700-016	\$53.00
12" Radius	2700-017	\$53.00
Flat	2700-018	\$53.00
Complete 9 Pc. Set	2700-100	\$395.00
Upper Anvil Head	2700-516	\$53.00
Stretcher Die	2700-024	\$100.00

ORDER ONLINE @ MITTLERBROS.COM

# 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

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# Power Hammer

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

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

**\* Single Head Variable Speed Power Hammer**  
**Model 4200-150-VS \$9,425.00**  
 One Variable Speed Power Hammer Assembly Mounted on Fabricated Upper & Lower Arm Weldments, Assembled & Mounted on Pedestal, Adjustments & Calibrations Properly Set, Factory Tested - **Includes 1 Upper Flat Die & 1 Lower Radius Die**

**Throat Depth: 26"**  
**1 Horsepower Motor**  
**Approx 900 Blows Per Minute**  
**Based on 60 lb. Yoder M2 Hammer**



Single Head Variable Speed Power Hammer Kit  
**Model 4200-150-VS**



Double Headed Variable Speed Power Hammer  
**Model 4200-100-VS**

**\* Double Headed Power Hammer**  
**Model 4200-100-VS \$15,875.00**  
 Two Variable Speed Power Hammer Assemblies Mounted on Fabricated Upper & Lower Arm Weldments, Assembled & Mounted on Pedestal, Adjustments & Calibrations Properly Set, Factory Tested, **Includes 1 complete set of Power Hammer Dies (8 Dies).**



#powerhammer



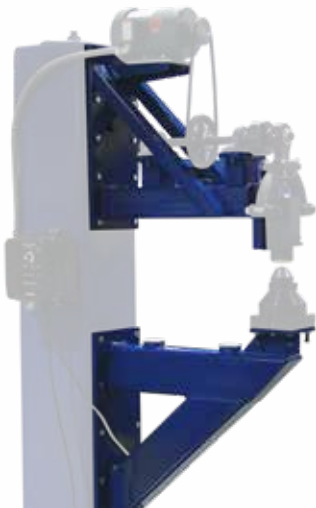
# Power Hammer



Power Hammer - Single Head  
Less Upper & Lower Arm Weldments & Pedestal  
**Model 4200-200-VS**

**Power Hammer - Single Head Kit**  
**Model 4200-200-VS \$3,525.00**  
 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)**

*\*Call for a Truckline Shipping Quote*



Fabricated Arms  
Less Power Hammer Head & Pedestal  
**Model 4200-300**

**Fabricated Arms**  
**Model 4200-300 \$2,895.00**  
 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 \$2,995.00**  
 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)**

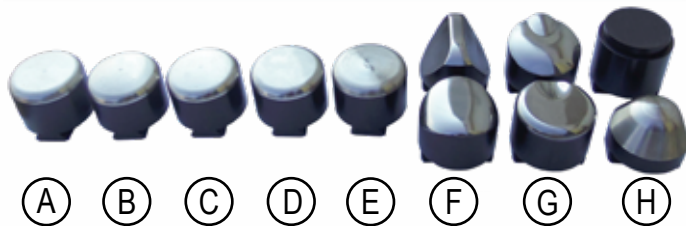


Power Hammer Pedestal  
Less Fabricated Arms  
**Model 4200-400**

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

# Power Hammer Dies

Machined from High Quality Steel for Long Life



\* Complete Die Set Included with Double Headed Power Hammer Model #4200-100  
 \$2,475 if Purchased with Single Head Power Hammer Model #4200-150

Power Hammer Dies		
Die Type (Location)	Part #	Price
A Flat (Top)	4200-602-F	\$210
B 4" Radius (Bottom)	4200-602-4	\$210
C 6" Radius (Bottom)	4200-602-6	\$210
D 12" Radius (Bottom)	4200-602-12	\$210
E 24" Radius (Bottom)	4200-602-24	\$210
F Stretching Set (2 Pieces)	4200-600-ST	\$910
G Shrinking Set (2 Pieces)	4200-605-SH	\$910
H Soft Set (2 Pieces)	4200-603-SD	\$300
Complete Die Set (All Dies Listed Above)	4200-600	\$3,160*
Blank Die	4200-601	\$120

ORDER TOLL FREE 1 - 800 - 467 - 2464

# 48" Ultimate Box & Pan Brake

48" Standard Equipment

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



1", 2", 3" & (qty. 7) 6" Upper Fingers  
 Shown in **Orange** /Black



1", 2", 3", 6" & (qty. 3) 12"  
 Bed Fingers Shown in **Yellow** /Black



1", 2", 3", 6", 12" & 24" Apron Angle Fingers  
 Shown in **Green** /Black



All Three Types Of Fingers Are  
 Removable For Greater Material  
 Manipulation

3 Segmented Finger Design  
 (Color Added for Clarity)

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

48" 16 Ga Box & Pan Brake with Straight Pinch Fingers **Model 2800-48-16 \$3,575.00**

(Floor Stand Optional, see page 50)



48" 16 Ga Box & Pan Brake w/ Upper Radius Fingers

**Model 2800-48-16-R \$3,850.00**

(Substituting Straight Pinch Fingers For Radius Fingers of your choice)

(Floor Stand Optional, see page 50)



#boxandpanbrake

72" 18 Ga Box & Pan Brake **Model 2800-72-18 \$6,350.00**

(Includes Floor Stand)

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

**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

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



48" @ 680 lbs. w/ stand  
 48" @ 550 lbs. w/o stand  
 Skid Size: 72"L x 35"W x 40"H

72" @ 1275 lbs. w/ stand  
 Skid Size: 88"L x 35"W x 45"H

ORDER ONLINE @ MITTLERBROS.COM



# 24" Ultimate Box & Pan Brake



24" Straight Brake  
1/8" Mild Steel Capacity



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

## 24" of Workable Space!

- 24" 16 Ga Box & Pan Brake w/ Straight Pinch Fingers **Model 2800-24-16 \$2,350.00**
- 24" 16 Ga Box & Pan Brake w/ Radius Fingers **Model 2800-24-16-R \$2,475.00**
- 24" 1/8" Straight Brake **Model 2800-24125S \$2,350.00**

(Floor Stand Optional, see page 50)

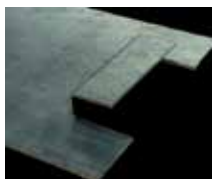


48" Model Shown with Floor Stand



## Ultimate Box & Pan Brake Sample Bends

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



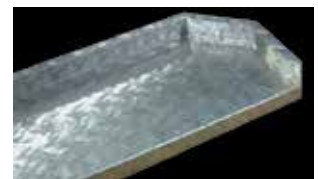
Double Reverse 90°  
Without Bending Side Legs



Triple 90° Radius Bend  
w/ 90° Reverse Bend  
(requires optional radius fingers)



Triple 90° Radius Bend w/ Offset Bend



45° Corner w/ Flanged Lip

ORDER TOLL FREE 1 - 800 - 467 - 2464



# 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.

Size	Length	Part #	Price
1/16"	(12")	2800-A255-K12	\$290
1/8"	(12")	2800-A260-K12	\$290
3/16"	(12")	2800-A270-K12	\$290
1/4"	(12")	2800-A280-K12	\$290
5/16"	(12")	2800-A290-K12	\$290

### Upper Radius Finger Kits

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

Size	Length	Part #	Price
1/16"	(24")	2800-A255-K24	\$510
1/8"	(24")	2800-A260-K24	\$510
3/16"	(24")	2800-A270-K24	\$510
1/4"	(24")	2800-A280-K24	\$510
5/16"	(24")	2800-A290-K24	\$510



Simple 90° Radius Bend  
(requires optional radius fingers)

Size	Length	Part #	Price
1/16"	(48")	2800-A255-K48	\$880
1/8"	(48")	2800-A260-K48	\$880
3/16"	(48")	2800-A270-K48	\$880
1/4"	(48")	2800-A280-K48	\$880
5/16"	(48")	2800-A290-K48	\$880

(radius is measured inside of bend)



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 1/4" or 1/2" reverse bends for creating air boxes, instrument panels, interior panels, etc.



Size	Length	Part #	Price
1/4" Thick	(12")	2800-A151-K12	\$240
1/2" Thick	(12")	2800-A150-K12	\$240

### Reverse Apron Finger Kits

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

Size	Length	Part #	Price
1/4" Thick	(24")	2800-A151-K24	\$360
1/2" Thick	(24")	2800-A150-K24	\$360



Reverse Inside Door Flange

Size	Length	Part #	Price
1/4" Thick	(48")	2800-A151-K48	\$590
1/2" Thick	(48")	2800-A150-K48	\$590

See our website or call for additional kit information and pricing

# Pinch Fingers

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

### Upper Pinch Finger Kits

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

Length	Part #	Price
(12")	2800-A250-K12	\$205
(24")	2800-A250-K24	\$360
(48")	2800-A250-K48	\$615

See our website or call for additional kit information and pricing

24" Solid Pinch Finger Model 2800-A250-24 \$325.00

For use with 24" Box & Pan Brake for additional bending capacity

# Box & Pan Accessories

### Back Gauge kit



### Apron Stop



### Heavy Duty Stand

Sets Working Height to 38"



Stand Ships Truck Freight @ 130 lbs. 57L x 24W x 22H

- Heavy Duty Floor Stand For 48" Box & Pan Brake Model 2800-400 \$290.00
- Heavy Duty Floor Stand for 24" Box & Pan or Straight Brake Model 2800-420 \$250.00
- Apron Stop Model 2800-A360 \$105.00
- Back Gauge Kit Model 2800-A350-K \$105.00 (Pair)
- Full Length Radius Bar For 48" Model 2800-A300-48 \$315.00
- Full Length Radius Bar for 72" Model 2800-A300-72 \$370.00
- Casters (2 Swivel, 2 Fixed) With Mount Bars & Hardware Model 2800-A420 \$105.00

### Digital Angle Gauge w/ Level

See P. 14 for more info



ORDER ONLINE @ MITTLERBROS.COM

# Sheet Metal Brakes

## 16 Gauge Straight Brake

Heavy Duty Construction

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

<p><b>Max Capacity</b>  <b>16 Ga (.059) Mild Steel</b>  <b>12 Ga (.080) Aluminum</b>  <b>20 Ga (.038) Stainless</b></p>
---



120" Shown , 48", 72" & 96" Available

- 48" 16 Gauge Bench Top Straight Brake** Model **2800-4816S** **\$1,525.00**
- Heavy Duty Floor Stand For 48" Sheet Metal Brake** Model **2800-400** **\$290.00**
- 72" 16 Gauge Straight Brake** Model **2800-7216S** **\$3,150.00**
- 96" 16 Gauge Straight Brake** Model **2800-9616S** **\$4,750.00**
- 120" 16 Gauge Straight Brake** Model **2800-12016S** **\$6,295.00**

<p>Ships Truck Freight</p>	72" @ 840 lbs.
	Skid Size: 72"L x 35"W x 40"H
<p>Ships Truck Freight</p>	96" @ 2300 lbs.
	Skid Size: 120"L x 43"W x 66"H

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

## 22 Gauge Straight Brake

Ideal For .040 Aluminum Body Fabrication

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



**#sheetmetalbrake**

<p>Ships Truck Freight</p>	72" @ 465 lbs.
	Skid Size: 90"L x 35"W x 56"H
<p>Ships Truck Freight</p>	96" @ 715 lbs.
	Skid Size: 110"L x 38"W x 56"H



72" Shown , 96" Available

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

- 72" 22 Gauge Straight Brake** Model **2800-7222S** **\$1,225.00**
- 72" Radius Bar (Optional)** Model **2800-A310-72** **\$160.00**
- 96" 22 Gauge Straight Brake** Model **2800-9622S** **\$2,075.00**

<p><b>Max Capacity:</b>  <b>22 Ga (.030") Mild Steel</b>  <b>18 Ga (.040") Aluminum</b></p>
---

ORDER TOLL FREE 1 - 800 - 467 - 2464



# 48" Econo Radius Brake

Many Features of a Full Size Brake at a Fraction of the Price

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



**48" Econo Radius Brake**

Model **2800-4822RB** **\$1,575.00**

## Radius Brakes



**4' Radius Brake**  
Model **2800-4816RB**



**6' Radius Brake**  
Model **2800-7216RB**



Optional Back Gauge



### Standard Equipment

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

### 4' Radius Brake

Model **2800-4816RB** **\$3,625.00**

(6 Radius Tubes & 1 Radius Head) (Ship Weight-750 lbs.)

### 6' Radius Brake

Model **2800-7216RB** **\$3,950.00**

(5 Radius Tubes & 1 Radius Head) (Ship Weight-840 lbs.)

### 8' Radius Brake

Model **2800-9618RB** **\$4,725.00**

(5 Radius Tubes & 1 Radius Head) (Ship Weight-1090 lbs.)

### Back Gauge

Model **2800-RB-BG** **\$210.00**

ORDER ONLINE @ [MITTLERBROS.COM](http://MITTLERBROS.COM)

# Foot Shears

Ideal for the Body Fabricator




Optional Back Gauge Kit

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

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

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

 Ships Truck Freight

52" @ 985 lbs.  
 Skid Size: 72"L x 40"W x 53"H  
 72" @ 1,200 lbs.  
 Skid Size: 96"L x 40"W x 53"H

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

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



**Retractable Support Arms**  
 Model **3000-100** **\$90.00**

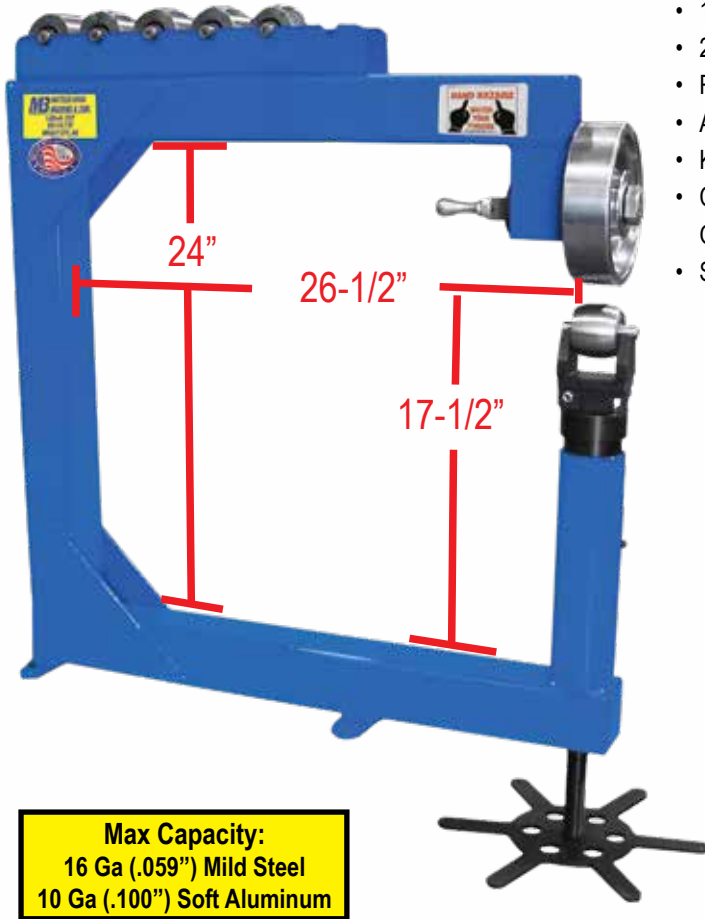


ORDER TOLL FREE 1 - 800 - 467 - 2464



# Bench Mount English Wheel

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



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



#englishwheel



Model 2900-300

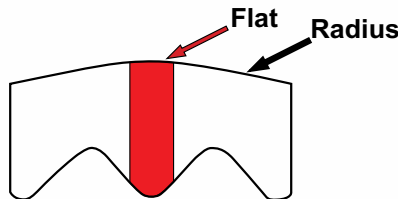
**Standard Bench Mount Welded English Wheel** Model 2900 **\$1,500.00**  
 Completely finished as shown

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

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

## Anvil Wheels

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



Edging Anvil  
 Model 2900-A6



Deep Reach Anvil  
 Model 2900-A7

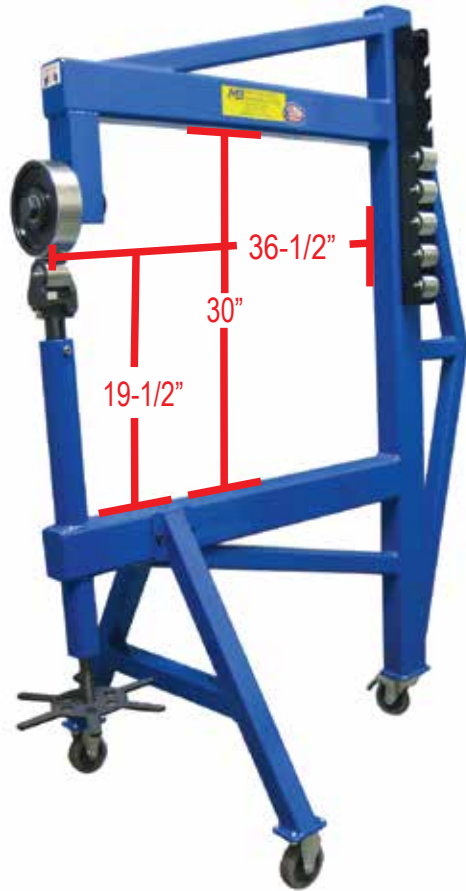


Anvil Wheels		
2-1/2" Dia x 2" Wide	Part #	Price
Flat	2900-A0	\$100ea
12" Rad w/3/4" Flat	2900-A1	\$100ea
8-1/2" Rad w/ 1/2" Flat	2900-A2	\$100ea
5" Rad w/ 3/8" Flat	2900-A3	\$100ea
3-1/4" Rad w/ 1/4" Flat	2900-A4	\$100ea
2-3/8" Rad w/ 1/8" Flat	2900-A5	\$100ea
Set of Wheels Above (6 Wheels)	2900-A	\$555
Edging Anvil	2900-A6	\$105ea
Deep Reach Anvil	2900-A7	\$105ea

ORDER ONLINE @ MITTLERBROS.COM

# Floor Model English Wheel

A Rugged, Robust Machine for the Metalworking Professional



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

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



**Floor Model English Wheel Model 4000 \$2,725.00**  
 Completely finished as shown above

**Floor Model English Wheel Model 4010 \$3,250.00**  
 With 9" OD x 3" Wide Upper Wheel & 3" OD x 3" Wide Lower Wheels  
 \* 5 Lower Anvil Wheels do not include 2900-A0 Flat Wheel

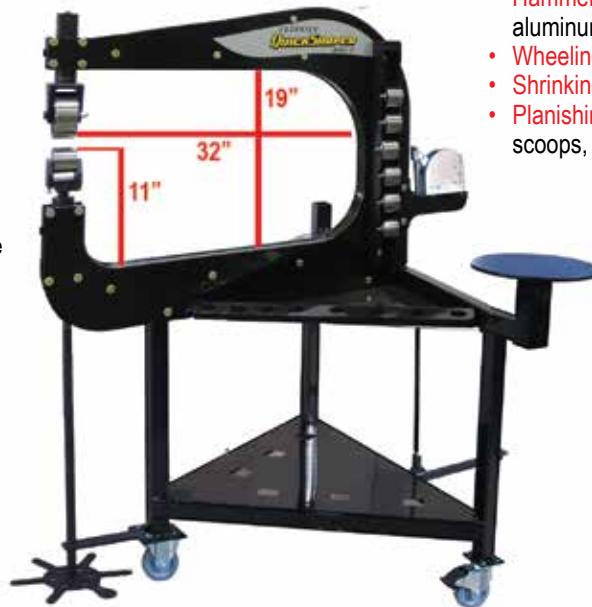
# Metal Shaper Station

## Specifications:

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

Unique Upper Wheel "CAM" Release

6 Anvil Wheels Included  
 2-1/2" Dia x 2" Wide;  
 2900-A0 = Flat  
 2900-A1 = 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



## Metal Shaping Work Cell:

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

Foot Operated Shrinker / Stretcher

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



**Metal Shaper Station Model 3200 \$4,885.00**

Complete with Stand, Shrinker / Stretcher Body with Jaws, 6 Lower Anvil Wheels

ORDER TOLL FREE 1 - 800 - 467 - 2464

# Heavy Duty Shrinker / Stretcher

**MB** MITTLER BROS.  
MACHINE & TOOL

*Jamey Jordan*  
SIGNATURE SERIES

Jamey Jordan Signature Series  
Shrinker/Stretcher

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

### Replacement Jaw Sets

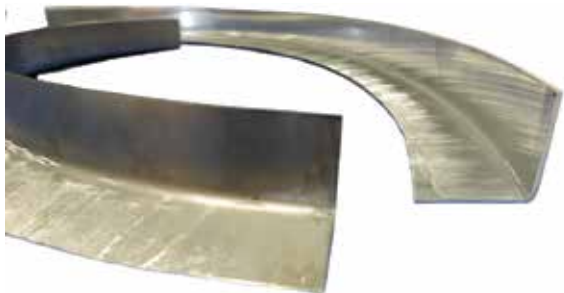


Shrinker Jaw Set (Steel)  
Stretcher Jaw Set (Steel)  
Shrinker Jaw Set (Aluminum)  
Stretcher Jaw Set (Aluminum)

Model 570-200 \$540.00  
Model 570-210 \$540.00  
Model 570-220 \$540.00  
Model 570-230 \$540.00



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



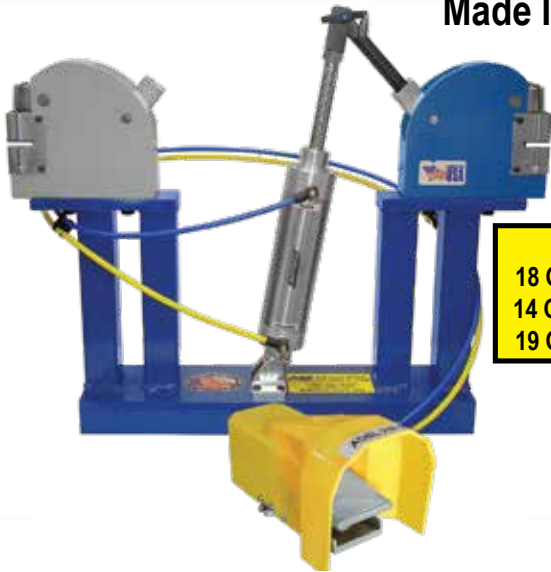
- Revolutionary Design
- All Bearing Design for smooth operation and long life
- Down acting/Up acting
- Comes with Bench Mount Plate (Stand Available, pg. 51)
- High Leverage
- Ideal for Professional Metal Worker
- 7" Throat Depth
- Precision Machine Frame
- Stand Available (see page 51)





# Shrinker / Stretcher

Made In The USA By Lancaster



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

## Power Shrinker-Stretcher

**Model 560.....\$725.00**  
 ( Complete as shown )

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

## Standard Power Kit Only

**Model 560-NB \$415.00**  
 (Complete as shown)



## Shrinker / Stretcher Deep Throat

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

### Shrinker / Stretcher Deep Throat Set with Adapters

**Model 550-100 \$335.00**

### Shrinker Deep Throat Set with Adapters

**Model 550-101 \$220.00**

### Stretcher Deep Throat Set with Adapters

**Model 550-102 \$220.00**

## Combo Shrinker-Stretcher Set



### Combo Shrinker & Stretcher

**Model 550-CU \$285.00**  
 ( 1 Body with one set of shrinker jaws & one set of stretcher jaws )

## Shrinker-Stretcher Set



**Model 550-STSH \$385.00**

( 1 Shrinker Body w/Jaws, Handle & 1 Stretcher Body w/ Jaws, Handle )

## Individual Bodies

**Shrinker Body Model 550-MSHR \$195.00**  
 ( 1 Shrinker Body w/Jaws & Handle )

**Stretcher Body Model 550-MSTR \$195.00**  
 ( 1 Stretcher Body w/Jaws & Handle )

## Replacement Jaw Sets

**Stretcher Jaw Set Model 550-512 \$130.00**

**Shrinker Jaw Set Model 550-511 \$130.00**



## Foot Operated Stand

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

### Shrinker/ Stretcher Kit w/ Foot Operated Stand

**Model 550-FSK \$725.00**  
 (Shrinker, Stretcher, & Stand Included in Price)

### Stand Only

**Model 550-FS \$375.00**  
 (Shrinker / Stretcher Not Included in Price)



## Floor Stand

Floor Stand  
 with Locking Casters  
**Model 3100-100 \$265.00**



ORDER TOLL FREE 1 - 800 - 467 - 2464



# Hand Tools



## CLECO Pliers

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

Model MB-TP74 \$10.00

## CLECO Kits

40 CLECOS & 1 Pliers - either size.

1/8" Cleco Kit MB-102 \$32.00

3/16" Cleco Kit MB-103 \$32.00



## Individual CLECOS

Dia.	Drill Size	Price
1/8"	#30 MB-102-S	\$.65
3/16"	#10 MB-103-S	\$.65

## 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 \$745.00

Model MB-TP253B - BLADES \$170.00

### 10 Gauge B-2 Throatless Shear

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

Model MB-TP254 \$1,050.00

Model MB-TP254B - BLADES \$180.00

### 7 Gauge B-3 Throatless Shear

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

Model MB-B3 \$1,495.00

Model MB-B3B - BLADES \$225.00



## Beverly Slitting Shear

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

Model MB-TP257 \$495.00



## Side Grip Clamps

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

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

Model MB-TP125SG \$3.35



## Air Rivet Gun

Lightweight, heavy-duty professional Sets 3/32", 1/8", 5/32", 3/16" steel and aluminum blind rivets without adjustments by changing the nose bushing.

Model 62780 \$125.00



## 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. Will pull 3/32", 1/8", 5/32" & 3/16" rivets.

Model MB-TP844 \$56.00



## Hand Seamer

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

Model MB-TP44 \$27.00



## Offset Hand Seamer

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

Model MB-TP44-0 \$75.00



## High Capacity Offset Snips

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

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

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



# 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.

21 oz	Model MB-TC1	\$24.00
26 oz	Model MB-TC2	\$27.00
45 oz	Model MB-TC3	\$37.00

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

## 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.



1.5 Lbs.	Model MB-TCBM1	\$43.00
2.3 Lbs.	Model MB-TCBM2	\$48.00
3 Lbs.	Model MB-TCBM3	\$58.00
3 Pack (# 1,2,3)	Model MB-TCBM4	\$126.00



## Blocking Hammers

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

Model MB-BH350 \$120.00



## Wooden Mallets

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

Small 2-1/2" dia	Model MB-SUM00	\$30.00
Medium 2-3/4" dia	Model MB-MUM00	\$33.00
Large 3" dia	Model MB-LUM00	\$35.00



## 20 Hole Adjustable Rivet Spacer

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

Model MB-12-11700 \$45.00



## "T" Dollies, Straight & Curved

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

### Straight:

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

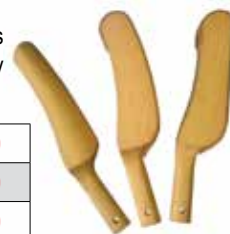
### Curved: pat. pending

Gentle Curve	Model MB-FCTD01	\$54.00
Crescent	Model MB-FCTD02	\$50.00
Slope	Model MB-FCTD03	\$52.00

## Slappers

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

Flat	Model MB-FFS01	\$64.00
Curved	Model MB-CFS01	\$67.00
Round	Model MB-RBS01	\$64.00



## Shot Bag

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

(Shot Not Included)

12" Model MB-LSB12 \$39.00

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Aircraft Tools



## ATS Rivet Gun

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

- ATS Rivet Gun Model **MB-2602A** **\$165.00**
- Flat Rivet Set (3/32, 1/8, 5/32, 3/16 sizes) Model **MB-120** **\$34.00**
- Offset Rivet Set (3/32, 1/8, 5/32, 3/16 sizes) Model **MB-121** **\$34.00**



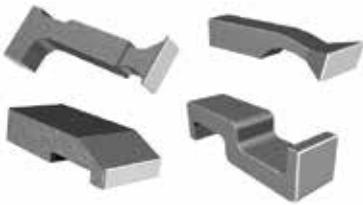
## Rivet Start-Up Kit

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

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

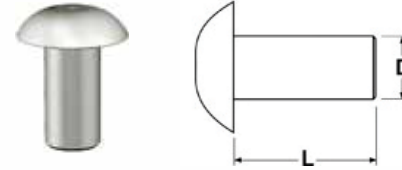


## Steel Bucking Bar Set (4 PCS)



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

Model **MB-4PC** **\$78.00**



## Universal Head Aluminum Rivets - 1/4 LB

Solid Aluminum.

**\$11.00 per Bag**

1/8" D x 1/4" L	<b>MB-MS20470-4-4</b>
1/8" D x 3/8" L	<b>MB-MS20470-4-6</b>
1/8" D x 1/2" L	<b>MB-MS20470-4-8</b>
3/16" D x 1/4" L	<b>MB-MS20470-6-4</b>
3/16" D x 3/8" L	<b>MB-MS20470-6-6</b>
3/16" D x 1/2" L	<b>MB-MS20470-6-8</b>



## ATS Rivet Squeezer

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

Model **MB-ATSR-1** **\$100.00**



## Heavy Duty Rivenut Kit

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

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



## Squeezer Set Mix - 6 Pieces

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

Includes 3/32", 1/8", 5/32", and 3/16" universal head sets plus 2 flush sets. Standard 187 shank

Model **MB3456-1** **\$34.00**

## Aluminum Rivenuts



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

# 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

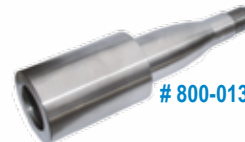


These Fit '70 to '76 Spindles

Impala Front Hubs & Parts		
Description	Part #	Price
Steel Front Hub 9 Lbs.	1400-IMP5	\$150.00
Steel Hub for #1 or #2 Spindle	1400-IMP1S	\$150.00
Aluminum Front Hub 7 Lbs.	1400-IMPA	\$215.00
Inner Bearing ( LM48548 )	1400-530	\$15.00
Inner Race ( LM48510 )	1400-508	\$9.00
Outer Bearing ( LM12649 )	1400-529	\$14.00
Outer Race ( LM12610 )	1400-507	\$7.00
Seal ( 19753 )	1400-522	\$5.00

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

Impala Spindle Pin **800-013** \$75.00 ea



# 800-013

# 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

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

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

# Rotor Adapter Plates



Rotor Adapter Plates

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

# Brake Rotors

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

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

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

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



# Complete Rear Hub Kits

All Complete Hub Kits are for One Wheel & Come Complete as Listed Below

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



Complete Rear Hub Kits		
Description	Part #	Price
Standard Right Rear Kit ( LONG COARSE 5/8" STUDS ARE STANDARD )	1400-402-R	\$330.00
Standard Left Rear Kit ( LONG COARSE 5/8" STUDS ARE STANDARD )	1400-402-L	\$330.00
Light Weight Right Rear Kit ( SHORT COARSE 5/8" STUDS ARE STANDARD )	1400-401-R	\$350.00
Light Weight Left Rear Kit ( SHORT COARSE 5/8" STUDS ARE STANDARD )	1400-401-L	\$350.00
Steel Drive Flanges	(add to Above Price)	\$10.00ea
7075 Aluminum Drive Flanges	(add to Above Price)	\$20.00ea

## Standard Rear Hubs



8.5 Lbs.  
Steel

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

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

Rear Hubs & Parts		
Description	Part #	Price
5x5 Steel Rear Hub 8.5 Lbs.	1400-5x5RS	\$140.00
5x5 Aluminum Rear Hub	1400-5x5RA	\$210.00
Inner / Outer Race ( L610510 )	1400-502	\$8.75
Inner / Outer Bearing ( L610549 )	1400-501	\$17.25
Axle Seal ( SCP-50395 )	1400-511	\$3.75
Hub Seal ( SCP-2168 )	1400-510	\$5.25

## Lite Weight Rear Hubs



6 Lbs.  
Steel

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

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

5x5 Steel Rear Hub With Studs & Races

Model 1400-LWRH..\$150.00 ea

## Wheel Studs



Wheel Studs .690" Knurl ( length from under head to end )		
Description	Part #	Price
5/8" dia. x 3-3/4" Long Coarse	1400-527	\$4.00
5/8" dia x 2-3/4" Short Coarse	1400-523	\$3.00
5/8" dia x 3-3/4" Long Fine	1400-526	\$4.50
5/8" dia x 2-3/4" Short Fine	1400-524	\$3.50

ORDER ONLINE @ MITTLERBROS.COM

# Drive Flanges

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

## Standard Drive Flange

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

1.98 Lbs.



6061 Aluminum Drive Flange w/ Cap, Bolts, O-rings & Hard Coat Anodized For Wear Resistance

Model **1400-033-6061** **\$90.00**

## Ultimate Drive Flange

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

1.98 Lbs.



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

Model **1400-033-7075** **\$115.00**

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

## Steel Drive Flange

- USE WHERE RULES WON'T ALLOW ALUMINUM
- HIGH STRENGTH STEEL

4.72 Lbs.



5 X 5 (24 SPLINE) Steel Drive Flange w/ Cap, Bolts & O-rings

Model **1400-006** **\$105.00**

## Bolt Circle Adapters

4 3/4" or 4 1/2" Bolt Circle

Ideal For Street Stock & IMCA Modified Cars

Allows The Use Of Our Proven Grand National Hub

This is just a thick drive flange with a dual bolt pattern allowing you to use our 5 x 5 hubs with your stock pattern wheels

Includes Hub Cap & all hardware required

**Widens The Track By 11/16" Per Side over std. Drive Flange**

**Bolt Circle Adapter Steel** Model **1400-017-S** **\$180.00 ea**

**Bolt Circle Adapter Aluminum** Model **1400-017-A** **\$180.00 ea**

(Specify 4-1/2" or 4-3/4" BC and Stud Type)



ORDER TOLL FREE 1 - 800 - 467 - 2464



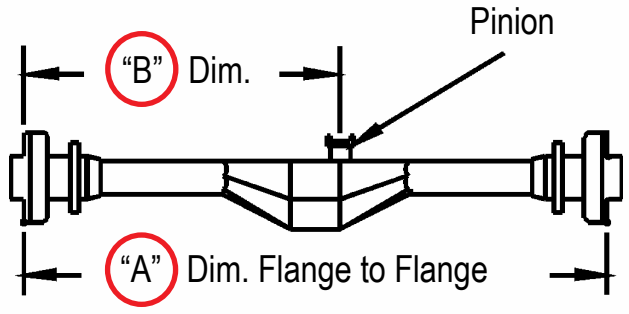
# 9" Racing Housings



Custom Built to any Width, any Offset!

**INCLUDES:**

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



Just Give Us Your "A" and "B" Dimensions & We'll Do The Rest

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

## New 9" Ford Housings

**ECONO**



**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**

**Track 9**



**Model 1000-503  
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**

Track 9 Housing Standard Weight ( 1/8" thick )	<b>Model 1000-503</b>	<b>\$360.00</b>
Track 9 Housing NASCAR Approved ( 3/16" thick )	<b>Model 1000-504</b>	<b>\$360.00</b>
"ECONO" 9" Ford Housing ( 3/16" thick )	<b>Model 1000-509</b>	<b>\$275.00</b>

## Basic Rear End Kit



Kits Use 3" Diameter Tubing

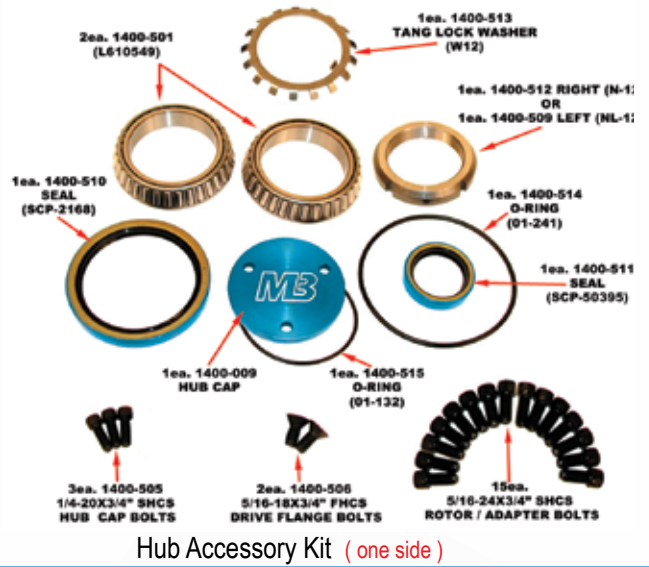
**Basic Track 9 Kit As Shown Above Starting At \$500.00**

ORDER ONLINE @ [MITTLERBROS.COM](http://MITTLERBROS.COM)



# Floater Housing Accessories

GN 5X5 HUB PARTS		
Description	Part #	Price
Right Hand 5x5 G N Spindle Nut	1400-512	\$7.75
Left Hand 5x5 G N Spindle Nut	1400-509	\$16.75
Tang Locking Washer	1400-513	\$2.50
Inner / Outer Bearing ( #L610549 )	1400-501	\$17.25
Inner / Outer Race ( #L610510 )	1400-502	\$8.75
Hub Seal ( SCP-2168 )	1400-510	\$5.25
Axle Seal ( SCP-50395 )	1400-511	\$3.75
O'Ring For Drive Flange ( 241 )	1400-514	\$1.50
O'Ring For Hub Cap ( 132 )	1400-515	\$1.00
Left Hub Accessory Kit	1400-400-L	\$108.00
Right Hub Accessory Kit	1400-400-R	\$108.00
GN Hub Cap w/ O-Ring & Bolts	1400-009	\$20.00



**Grand National Double Spline Axles \$135.00 ea**

Specify 28 or 31 Spline

**Light Weight Gun Drilled Axles \$205.00 ea**

31 Spline Only



**Grand National Rear Snout Left Model 800-004-L \$58.00 ea**

**Grand National Rear Snout Right Model 800-004-R \$58.00 ea**



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

**#12 Grand National Spindle Nut Model 1400-013 \$60.00 ea**

**#11 Speedway Spindle Nut Model 1400-014 \$60.00 ea**



## High Pressure Lube Extend Drive Flange Life!

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

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

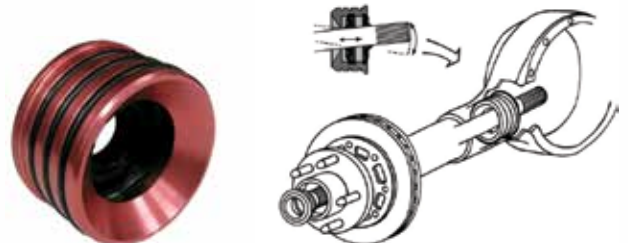


Model **1400-531** \$12.00

## Seals-it

### 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
- Gold** Model AS9520 2.500" OD
- Blue** Model AS9218 2.560" OD
- Silver** Model AS9125 2.750" OD

**\$59.00 ea.**

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Rear End Accessories

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



Early Big Ford Housing Ends. 3.150" Bore 1/2x20 Threaded Holes

Model 1000-260...\$90.00

Early Big Ford Housing Ends. 3.150" Bore, 2" Thick, Uses An Axle Seal, 3/8" Bolt Holes

Model 1000-253...\$90.00

Late Model Big Ford (Torino) Housing Ends.

3.150" Bore, 3/8" Holes

Model 1000-254...\$90.00



Symmetrical / Lamb Housing Ends 3.150" Bore, 3/8" Bolt Holes

Model 1000-255...\$90.00



Oldsmobile Housing Ends 3.150" Bore 3/8" Bolt Holes

Model 1000-251...\$90.00



2-1/2" Fill Cap Assemblies Have A Steel Weld Bung & Aluminum Cap

Model 1000-302...\$60.00



1-1/4" Fill Cap Assemblies Have A Steel Weld Bung & Aluminum Cap. They Also work Great For Weight Bars

Model 1000-301...\$48.00



1/2" Pipe Threaded Fittings Are 1/2" High & Have A 7/8" Register Diameter

Model 1000-320...\$5.00



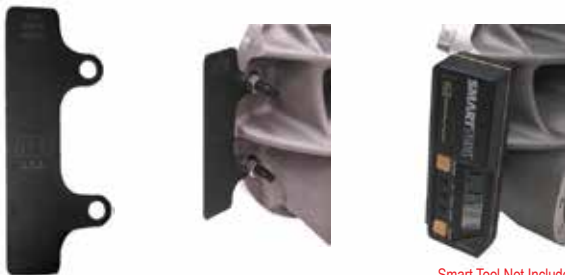
1/8" Pipe Weld Bung and Vent Fitting Work Great For Race Applications

Model 1000-340...\$5.00



Grade 8 Press In Face Plate Studs for 9" Fords Set of 10

Model 1000-505-S...\$29.00



Smart Tool Not Included

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

## Pinion Angle Plate

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

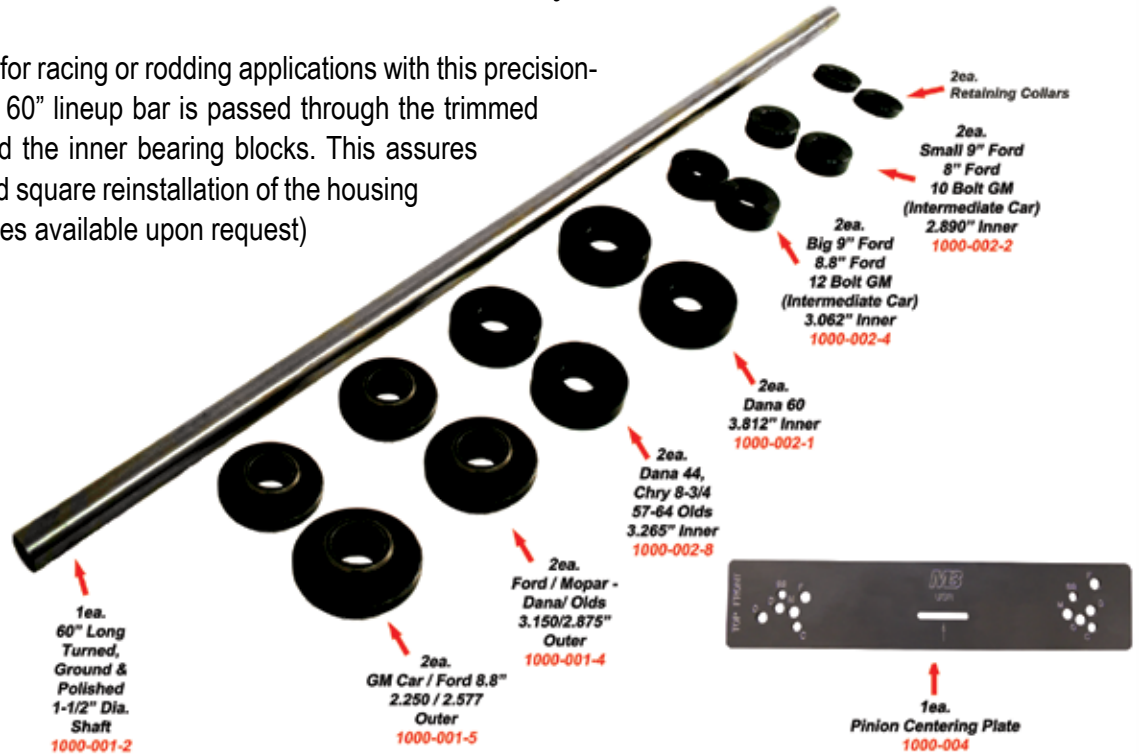
The MB Pinion Angle Plate is a quick and simple method to check and set pinion angle. Use this when first setting up chassis or making bar changes. Allows you to maintain this critical angle.



# Rear End Narrowing Kits

For 8", 8.8", 9" Ford, Dana 44/60, 12-Bolt Chevy

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



72" Long Shaft (#1000-001-3) Substitute for 60" Shaft Add \$25.00

**Rear End Narrowing Kit as Described Above Model 1000-RENK1 \$695.00**

Optional Outer Line Up Blocks		
Description	Part #	Price
Big Ford / Dana /Olds- 3.150/ 2.875	1000-001-4	\$130.00
GM Car / Ford 8.8" 2.250 / 2.577	1000-001-5	\$130.00
GN Floater Snout Alignment Rings (works with 1000-RENK2)	1000-005	\$60.00
Strange Floater Line-Up Pucks 1-1/2" ID	1000-002-9	\$180.00
Strange Floater Line-Up Pucks 1-3/8" ID	1000-002-12	\$180.00
Optional Inner Line Up Blocks		
Dana 60 - 3.812	1000-002-1	\$105.00
Ford 9", 8" / GM 10 Bolt - 2.890	1000-002-2	\$90.00
Dana 44 / Olds 57-64 /Chry 8-3/4" - 3.265	1000-002-8	\$105.00
Ford 9", 8.8" / GM 12 Bolt Car 3.062	1000-002-4	\$90.00
Tube Line Up Ring for Floater Kit (1000-RENK2)	1000-006	\$90.00

## 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 \$90.00**

**Custom Line Up Blocks Available Upon Request**

1ea. 60" Long Turned, Ground & Polished 1-1/2" Dia. Shaft Model 1000-001-2 \$170.00  
 1ea. 72" Long Turned, Ground & Polished 1-1/2" Dia. Shaft Model 1000-001-3 \$200.00

## Narrowing Kit For 9" Ford Floater Housings

(for Mittler GN Snouts)

This Kit Allows You To Fabricate A Precision Floater Housing, Includes Inner Blocks To 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 \$550.00**

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Off Road Housings & Hubs

- All Tig Welded
- Drain and Fill Plugs Installed

- CAD/CAM Designed
- Precision Ground Mounting Plate



Off Road Basic Housing

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

**We Can Fabricate A Housing For Any Application**

Call for a Quote!



Optional Bracing Shown

## Off Road Rear Hub Kits

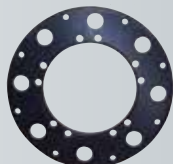


Off Road Rear Hub Kits		
Description	Part #	Price
5x5-1/2 Right Rear Hub Kit - 40 spl (LONG COARSE 5/8" STUDS ARE STANDARD)	1400-403-R	\$595.00
5x5-1/2 Left Rear Hub Kit - 40 spl (LONG COARSE 5/8" STUDS ARE STANDARD)	1400-403-L	\$595.00
5x5-1/2 Right Rear Hub Kit - 24 spl (LONG COARSE 5/8" STUDS ARE STANDARD)	1400-406-R	\$595.00
5x5-1/2 Left Rear Hub Kit - 24 spl (LONG COARSE 5/8" STUDS ARE STANDARD)	1400-406-L	\$595.00



Off Road Spindle Snout

Off Road 4130 Snout Left	Model 800-005-ML	\$150.00
Off Road 4130 Snout Right	Model 800-005-MR	\$150.00



Rotor Adapter Plates

8 Hole Steel on 7" B.C. 3 lbs	1400-003-S	\$36.00 ea
10 Hole Steel on 6.8" B.C.	1400-002-S	\$36.00 ea
Rotor Bolt Kit-18 pcs	1400-505-18	\$8.00

5x5-1/2 Steel Drive Flange		
Description	Part #	Price
24 Spline Steel Drive Flange	1400-043-24	\$200.00
40 Spline Steel Drive Flange	1400-043-40	\$210.00

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

# Fabricated Differential Housing

Unique Triangulated Design For Maximum Strength

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

Dragster



Tube End



Profab



Road Course



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

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Spools



## 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

Description	Part #	Weight
<b>9" FORD SPOOL</b>		
Ultra Lite Steel Spool 4130 Heat Treat - 28 Spline	1500-002-28-FUL	6.22 lbs.
Ultra Lite Steel Spool 4130 Heat Treat - 31 Spline	1500-002-31-FUL	5.94 lbs.
Standard Steel Spool 4130 Heat Treat - 28 Spline	1500-006-28-FSTD	
Standard Steel Spool 4130 Heat Treat - 31 Spline	1500-006-31-FSTD	
<b>DANA 44 SPOOLS</b>		
Dana 44 4130 Heat Treat - 30 Spline High Series	1500-010-30-DAHS	9.44 lbs.
Dana 44 4130 Heat Treat - 30 Spline Low Series	1500-010-30-DALS	9.44 lbs.
<b>TOYOTA SPOOLS</b>		
Toyota 8" 4130 Heat Treat - 30 Spline	1500-017-30-T8	6.46 lbs.
Toyota V6 4130 Heat Treat - 30 Spline	1500-024-30-TV6	6.92 lbs.
Dwarf & Legend - Steel, 10 Bolt - 23 Spline	1500-030-23-S-DL10	3.56 lbs.
Dwarf & Legend - Steel, 8 Bolt - 23 Spline	1500-031-23-S-DL8	2.92 lbs.
Dwarf & Legend - Aluminum, 10 Bolt - 23 Spline	1500-030-23-AL-DL10	1.74 lbs.
Dwarf & Legend - Aluminum, 8 Bolt - 23 Spline	1500-031-23-AL-DL8	1.24 lbs.
MINI Dwarf & Legend - Steel, 8 Bolt - 23 Spline	1500-032-23-MS-DL	1.18 lbs.

## Pinion Supports



Heavy Duty Pinion Support For All 9" Ford Cases, Precision CNC Machined From Billet

Available In All Popular Configurations

Daytona Bearing ..... [Model 1900-001](#)

Big Bearing ..... [Model 1900-002](#)

10 Bolt Heavy Duty ..... [Model 1900-003](#)

ORDER ONLINE @ [MITTLERBROS.COM](http://MITTLERBROS.COM)

# Custom Billet Crankshafts

Featuring the “Best-Fit” design that puts the right weight in the right place every time!



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



We Start With High Quality Timken  
4340 Material



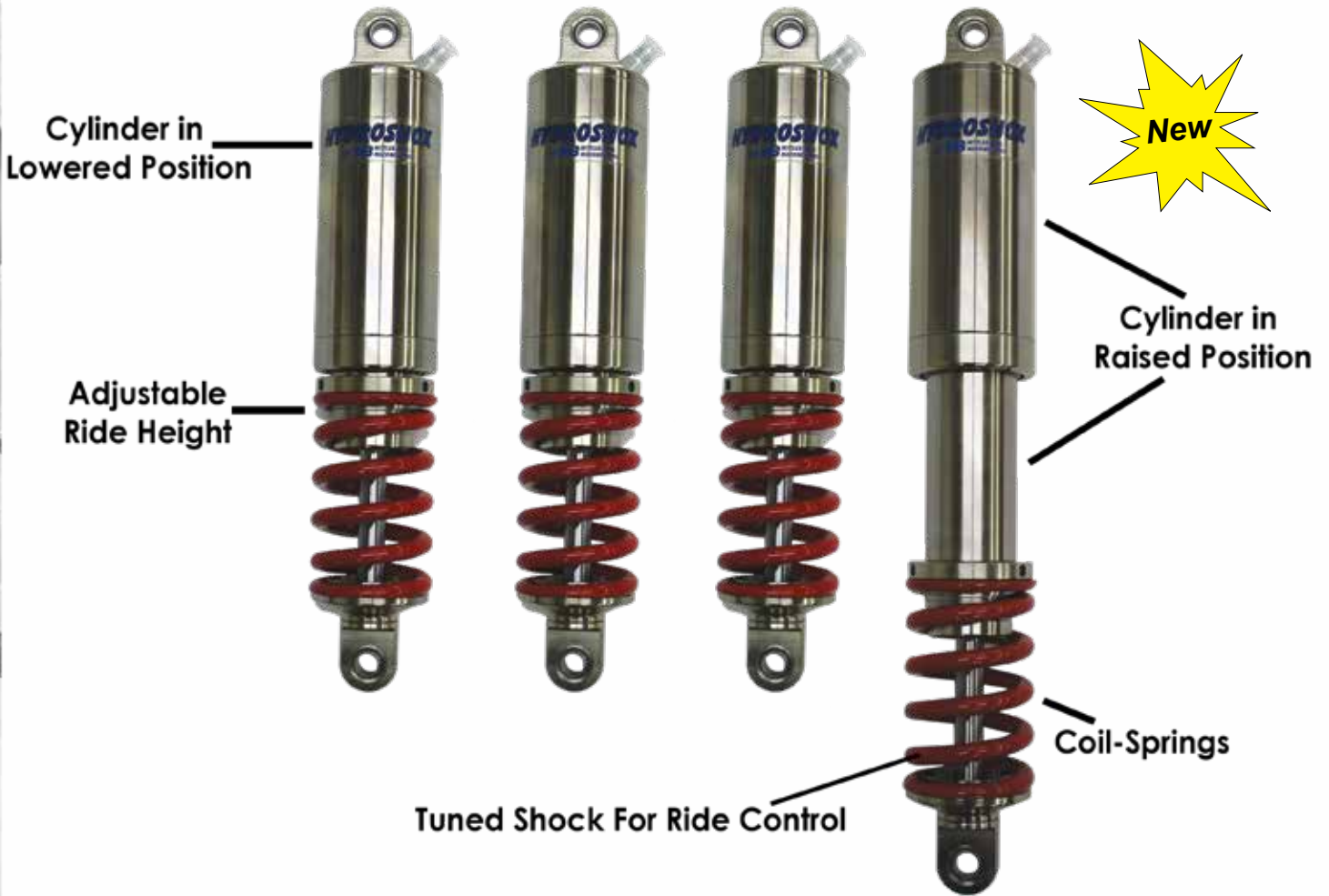
All Cranks Machined On Our 5 Axis Mazak Integrex  
CNC

This Technology Lets Us Build A Custom Crank For  
Your Exact Application



# HydroShox

Combines the Adjustability of Hydraulics with the Damping of Coil Over Shocks





# HydroShox



#hydroshox



## Kit Includes:

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

Hydroshox Kit w/ 4" Travel **Model 87400 \$4,995.00**

Hydroshox Kit w/ 5" Travel **Model 87500 \$5,250.00**

Hydroshox Kit w/ two 4" and two 5" Travel **Model 87450 \$5,125.00**

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Quarter Midget Shocks

## VISION Series

Tanner by 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
- Micro Tower shim support.
- PERIMETER FLOW pistons
- Sandvick shim stacks
- Lightest shock on the market

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

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



### VISION Series

Standard	Split Valve
85550-3	85550-3/5
85550-4	85550-5/3
85550-5	85550-4/6
85550-6	85550-6/4
<b>\$199.00</b>	
<i>Complete Shock w/ Coil Over Kit</i>	

### QUAD FLOW Series

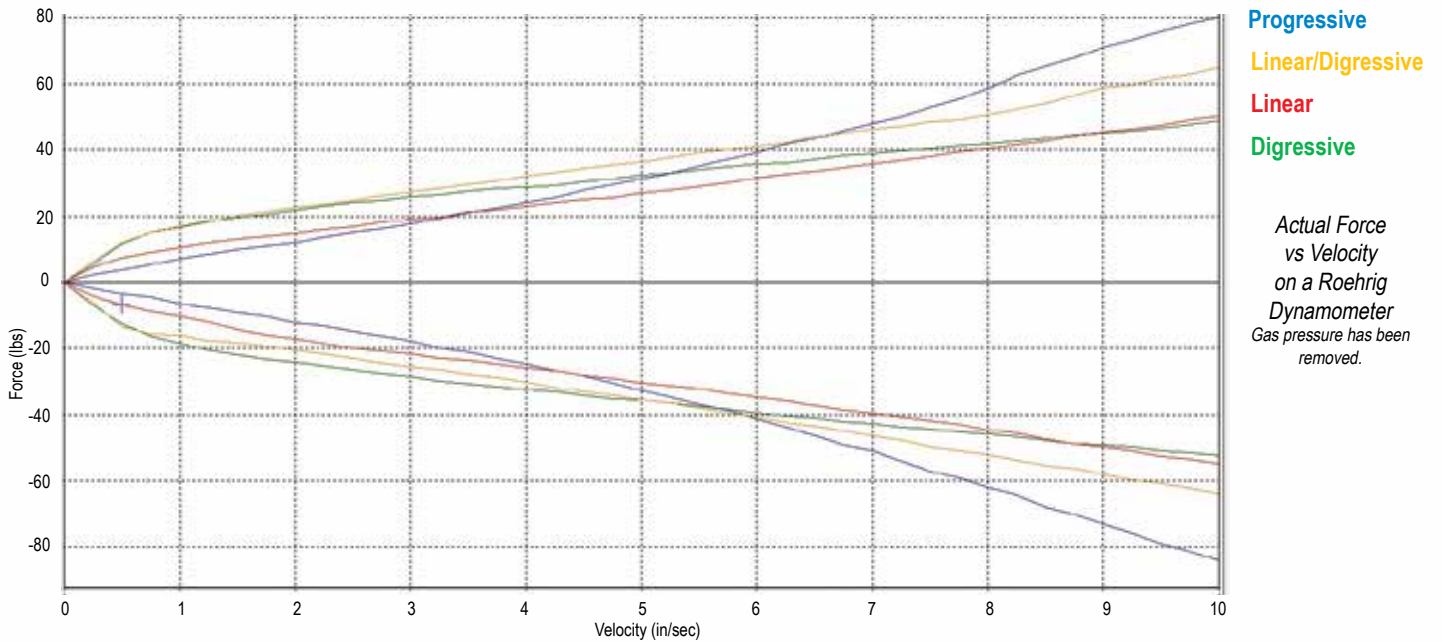
Standard	Split Valve
85550-3 Q	85550-3/5 Q
85550-4 Q	85550-5/3 Q
85550-5 Q	85550-4/6 Q
85550-6 Q	85550-6/4 Q
<b>\$199.00</b>	
<i>Complete Shock w/ Coil Over Kit</i>	



See Page 79  
For Complete Spring Selection



# Quarter Midget Shocks



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

G2-G3 Shocks - Linear; Platinum 4 Shocks - Digressive; VISION Shocks - Digressive  
VISION QUAD FLOW Series - Linear, Progressive, Digressive, or Linear/Digressive

## Generation 2



G2 Standard	G2 Split Valve
85510-2	85510-3/5
85510-3	85510-5/3
85510-4	85510-4/6
85510-5	85510-6/4
85510-6	

**\$169.00**  
Complete Shock w/ Coil Over Kit

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

Coil Spring Mounting Kit Included With Each G2 / G3 Shock

**NO Leaks!**

## Platinum 4

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.



P4 Standard	P4 Split Valve
85540-3	85540-3/5
85540-4	85540-5/3
85540-5	85540-4/6
85540-6	85540-6/4

**\$189.00**  
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

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Shock Rebuilding

Shock Inflation Tool



Shock Inflation Tool Model 75590 \$63.50

Shock Rebuild Drip Cup



Drip Cup Model 75566 \$27.00

**New**




## Shock Rebuild Tool Kit

Shock Rebuild Tool Kit
Model 75594
\$135.00

Shock Vise



Shock Vise Model SV-1 \$170.00

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

Universal Shock Wrench  
Fits All Tanner Shocks



Shock Wrench Model 75575 \$27.00

Shock Jaws

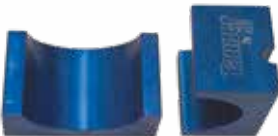
Fits All Tanner Shocks



Shock Jaws Model 75570 \$33.00

Shock Body Jaws

Fits All Tanner Shocks



Shock Body Jaws Model 75572 \$24.00

Shock Inflation Adapter



Inflation Adapter Model 75580 \$14.00

Valve Core Tools



Deluxe Valve Core Tool Model 22460 \$9.75



Deluxe Valve Core Tool w/10 Valve Cores Model 22470 \$13.50

## Rebuild Your Shocks With These Handy Tools

Shock Oil

Specially Formulated for Shock Applications



Pint Shock Oil Fills 6 Shocks	Model 75540	\$9.75
Quart Shock Oil Fills 12 Shocks	Model 75545	\$18.00

ORDER ONLINE @ MITTLERBROS.COM



# Shock Service Parts

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



Old Style G2 / G3 Rebuild Kit  
Model 85642 \$13.00

New Style  
G2/G3/P4 Rebuild Kit



G2/G3/P4 Rebuild Kit  
Model 85742 \$13.00

## Shock Rebuild Kit

**VISION** Rebuild Kit



**VISION** Rebuild Kit  
Model 85842 \$13.00

## Shock Master Rebuild Kit



Old Style G2 / G3 Master Rebuild Kit	Model 85605	\$91.50
G2/G3/P4 Master Rebuild Kit	Model 85705	\$91.50
<b>VISION</b> Master Rebuild Kit	Model 85805	\$91.50

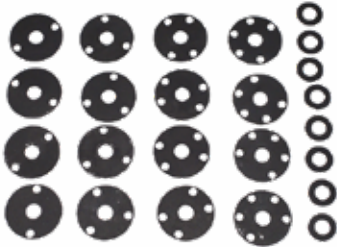
( Each Kit Rebuilds 8 Shocks )

## Shock Master Valving Kit



G2 / G3 Shock Master Valving Kit	Model 85600	\$285.00
P4 Shock Master Valving Kit	Model 85700	\$285.00
<b>VISION</b> Shock Master Valving Kit	Model 85800	\$305.00
<b>QUAD FLOW</b> Shock Master Valving Kit	Model 85900	\$305.00

## G2 / G3 Carbon Shim Kit



G2 / G3 Carbon Shim Kit  
Model 85602 \$65.00

## P4 Carbon Shim Kit



P4 Carbon Shim Kit  
Model 85702 \$65.00

## **VISION**

### Sandvick Steel Shim Kit



**VISION** Shim Kit  
Model 85802 \$83.00  
( Each Kit Contains Shims  
To Completely Valve 4 Vision Shocks )

## Shim Kits

## **QUAD FLOW**

### Sandvick Steel Shim Kit



**QUAD FLOW** Shim Kit  
Model 85902 \$83.00  
( Each Kit Contains Shims  
To Completely Valve 4 Vision Shocks )

ORDER TOLL FREE 1 - 800 - 467 - 2464

# Shock Parts



**G2/G3/P4**  
Flat Spring Cone  
#85525 \$16.50



**Shaft Guide**  
#85730 \$34.50

## Shock Shafts



G2 / G3 Shock Shaft (2 Pack)	Model 85610	\$55.00
P4 / <i>VISION</i> Shock Shaft (2 Pack)	Model 85710	\$55.00



**VISION**  
Scalloped Spring Cone  
#85822 \$21.00



**VISION**  
Adjustment Nut  
#85827 \$22.00

## Quad Flow Shim Stop

#8553-07 \$4.75



**Rod End**  
#85524 \$8.25

## Cone Spacer

#85523 \$4.75



## Bare Shock Parts

Description	Part #	Price	Description	Part #	Price
G2/G3 Control Piston	8551-080	\$22.00	New Style Shaft Seal	8551-141	\$4.75
G2/G3 Control Piston Shim [split valve only]	8551-082	\$3.50	Bronze Bushing	8551-150	\$2.75
G2/G3 Bleed Spacer	8551-084	\$1.50	#6 O-Ring [Bleed Screw]	8551-180	\$1.00
P4 Primary Shim	8551-086	\$3.50	Valve Core	8551-210	\$1.25
P4 Secondary Shim	8551-087	\$1.50	Control Piston Band	8551-220	\$3.25
G2/G3/P4 Separator Piston	8551-090	\$4.50	Shaft Guide O-ring	8551-230	\$1.25
Gas Fill Port	8551-100	\$8.25	G2/G3/P4 Separator Cap O-ring	8551-240	\$1.25
Spherical Bearing	8551-120	\$9.25	G2/G3 AN Washers for control piston	8551-250	\$1.00
3/4 Internal Snap Ring	8551-130	\$2.00	Internal Shaft O-ring	8551-270	\$1.25
G2/G3 Shaft Seal [Old Style U-Cup]	8551-140	\$2.75	G2/G3/P4 Separator Piston O-ring	8551-280	\$1.25

## Evolution Of The Tanner Shock Piston



**G1 Piston**  
1999 - 2003



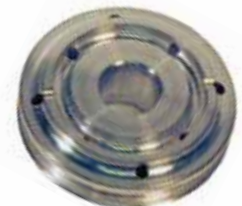
**G2 Piston**  
2004 - Present



**P4 Piston**  
2008 - Present



**VISION Piston**  
2011 - Present



**Quad Flow Piston**  
2014 - Present

ORDER ONLINE @ MITTLERBROS.COM



# Quarter Midget Springs

Fits ALL Quarter Midget Shocks

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

3 1/2" Red Hot Springs	
Lbs. Per Inch	Part #
75 #/in.	753-75
80 #/in.	753-80
85 #/in.	753-85
90 #/in.	753-90
95 #/in.	753-95
100 #/in.	753-100
105 #/in.	753-105
110 #/in.	753-110
115 #/in.	753-115
120 #/in.	753-120
125 #/in.	753-125
130 #/in.	753-130
135 #/in.	753-135
140 #/in.	753-140
145 #/in.	753-145
150 #/in.	753-150
155 #/in.	753-155

## HOT SPRINGS



5" Tall

**All Springs**  
**\$24.95!**

## RED HOT SPRINGS



3-1/2" Tall

5" Hot Springs	
Lbs. Per Inch	Part #
55 #/in.	752-55
60 #/in.	752-60
65 #/in.	752-65
70 #/in.	752-70
75 #/in.	752-75
80 #/in.	752-80
85 #/in.	752-85
90 #/in.	752-90
95 #/in.	752-95
100 #/in.	752-100
105 #/in.	752-105
110 #/in.	752-110
115 #/in.	752-115
120 #/in.	752-120
125 #/in.	752-125
130 #/in.	752-130
135 #/in.	752-135
140 #/in.	752-140
145 #/in.	752-145
150 #/in.	752-150
155 #/in.	752-155
160 #/in.	752-160
165 #/in.	752-165
170 #/in.	752-170
175 #/in.	752-175
180 #/in.	752-180
185 #/in.	752-185

## Springs

Each Rate Has A Calibrated Wire Diameter

CNC Wound With Optimum Pitch

Open Pitch Design Yields Instant Recovery

Precision Ground Closed Ends

ORDER TOLL FREE 1 - 800 - 467 - 2464



# Quarter Midget & Go Kart

## Tach Mounting Brackets

Sendec Style Bracket



Mychron Style Bracket



5/8" Mychron Bracket	Model 75023	\$31.50
3/4" Mychron Bracket	Model 75024	\$31.50
7/8" Mychron Bracket	Model 75025	\$31.50
3/4" Sendec Bracket	Model 95910	\$22.00
7/8" Sendec Bracket	Model 95915	\$22.00

## HONDA Linkage Kit

Honda Linkage	Model 75010	\$68.00
---------------	-------------	---------



Honda Cable	Model 75005	\$6.75
Deco Cable	Model 75006	\$10.00

## Exhaust Clamps

Fits 3/4" to 7/8" Tubing



Deco



Honda

Clamps On Nerf Bar  
CNC Billet Aluminum

Deco Exhaust Clamp	Model 75020	\$33.50
Honda Exhaust Clamp	Model 75021	\$46.00

## Engine Plates



Tapered Plate



Standard Flat Plate



Hardware  
Included

1/4" Std. Plate	Model 75050	\$54.00
1/2" Std. Plate	Model 75052	\$61.50

Tapered Plate Model 75055 \$105.00

## Steering Shaft Mount

Adjustable



Steering Shaft Mount Model 75060 \$23.00

## Steering Wheel Quick Disconnect



Complete Kit	Model 75070	\$59.50
Spline Only	Model 75069	\$25.00

## Engine Starter Pull Strap



8ft Pull Strap Model 75400 \$19.50

## Quarter Midget Axle Shafts

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



Standard Aluminum Axle	Model 75134	\$98.50
Snap Ringed Axle	Model 75135	\$105.00

Fits Bullrider, Stanley & Early Nervo

## Chassis Alignment Bars



Front Alignment Bar	Model 75105	\$91.50
Rear Alignment Bar	Model 75110	\$91.50





# Drivetrain

Engine Sprockets	
Size	Part #
18 Tooth	75218
19 Tooth	75219
20 Tooth	75220
21 Tooth	75221
22 Tooth	75222
23 Tooth	75223
24 Tooth	75224
25 Tooth	75225
26 Tooth	75226
27 Tooth	75227
28 Tooth	75228
29 Tooth	75229
30 Tooth	75230
31 Tooth	75231
32 Tooth	75232
33 Tooth	75233
34 Tooth	75234
35 Tooth	75235
36 Tooth	75236
37 Tooth	75237
38 Tooth	75238
39 Tooth	75239
40 Tooth	75240
41 Tooth	75241
42 Tooth	75242

## Sprockets



### Engine & Axle Sprockets **\$19.25**

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



- Designed to Fit All Triangle Quick Change Engine Hubs
- Engineered to Lightest Possible Weight

### Quick Change Engine Sprockets **\$19.75**

Axle Sprockets	
Size	Part #
23 Tooth	75323
24 Tooth	75324
25 Tooth	75325
26 Tooth	75326
27 Tooth	75327
28 Tooth	75328
29 Tooth	75329
30 Tooth	75330
31 Tooth	75331
32 Tooth	75332
33 Tooth	75333
34 Tooth	75334

Quick Change Engine Sprockets	
Size	Part #
30 Tooth	75430
31 Tooth	75431
32 Tooth	75432
33 Tooth	75433
34 Tooth	75434
35 Tooth	75435
36 Tooth	75436
37 Tooth	75437
38 Tooth	75438
39 Tooth	75439
40 Tooth	75440
41 Tooth	75441
42 Tooth	75442



Ships Truckline  
@ 254 lbs.  
84L x 29W x 22H

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.

## Chassis Dyno

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



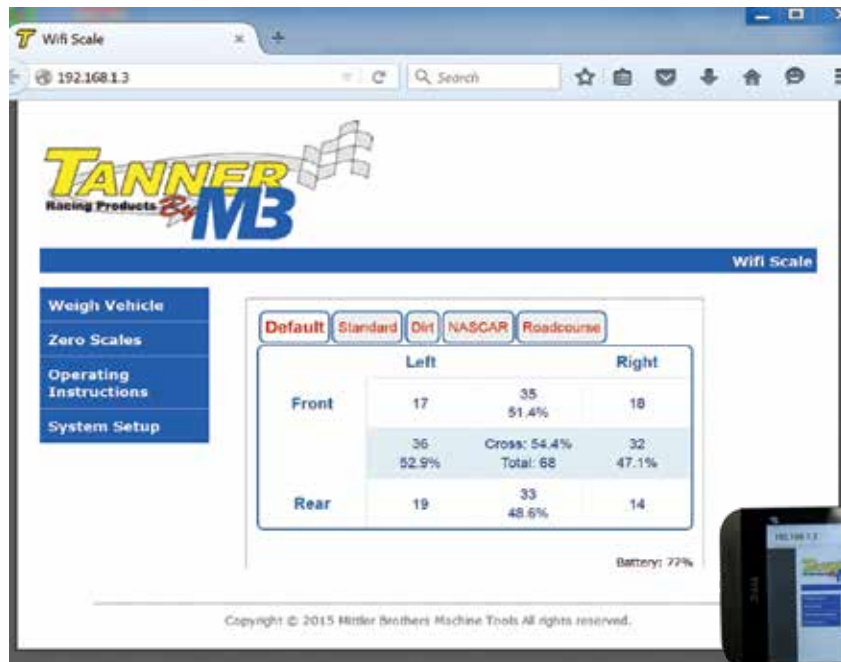
Quarter Midget / Mini Cup / Go-Kart / Bandolero **D3 Chassis Dyno 60" ...Model 99500...\$3,650.00**

ORDER TOLL FREE 1 - 800 - 467 - 2464



# WiFi Scales

Scales Create Their Own Network Allowing Any WiFi Capable Device To Connect



- No External Network or Internet Connection Required
- No App Required
- Works With Virtually Any Mobile Phone, Tablet, or Computer
- Read & Control Scales via Web Browser
- Encrypted Secure Connection
- Available in any of the 10" or 15" Wireless Scale Platforms



1-1/2" x 10" x 10" WiFi Wireless Scales

Model 50560 \$1,825.00

3" x 15" x 15" WiFi Wireless Scales

Model 50570 \$1,899.00

1" x 15" x 15" WiFi Wireless Scales

Model 50580 \$2,485.00

ORDER ONLINE @ MITTLERBROS.COM



# Ultimate Wireless Radio Frequency Scales

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

- 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

## 1" Tall Wireless Scales

**Model 50550 \$2,715.00**

- 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



**3" Tall Pads**

**New 1" Tall Pads**

6000 lb Capacity (1500 lbs per Pad)

**These Scales Are 1/2 The Weight Of A Standard Scale & They Have 2x The Strength**

## Billet Roll Back Trays For 1" Scales



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

**1" Tall Wireless Scales With Roll Back Trays Model 50555 \$3,550.00**

**1" Tall Wired Scales With Roll Back Trays Model 50345 \$2,785.00**

**Billet Roll Back Trays For 1" Scales Only Model 52430 \$945.00**  
Scales Not Included

ORDER TOLL FREE 1 - 800 - 467 - 2464

# NEW 1" Tall RaceScales



USB Style Connectors

## 1" Tall Wired Scales

**Model 50340 \$1,945.00**

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

## Wireless Ultimate RF Scales 15" Pads

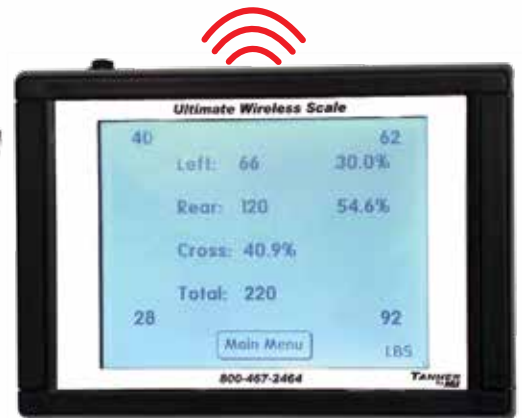
**Model 50520 \$2,100.00**



15" Pads

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



## Wireless Ultimate RaceScales Jr. 10" Pads

### Applications

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



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

**Wireless Ultimate RaceScales Jr. 10" Pads Model 50220 \$1,995.00**

ORDER ONLINE @ [MITTLERBROS.COM](http://MITTLERBROS.COM)



# 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



### Applications

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

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

**RaceScale Jr. 10" CNC Pads (with case) Model 50210 \$1,125.00**

## 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



Displays all Information at once

The only thing economical about these scales are the price! They use many of the same high quality components that our Deluxe systems are manufactured with.

**Standard RaceScales w/ 15" Pads Model 50250 \$1,095.00**  
**Poly Storage Case Model 53660 \$49.50**

ORDER TOLL FREE 1 - 800 - 467 - 2464



# 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      **\$1,465.00**

**Deluxe RaceScales w/ 15" Pads & Scale Cart**      Model 50310      **\$1,945.00**

## 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      **\$1,350.00**

**Certification Available**      **\$275.00**

ORDER ONLINE @ MITTLERBROS.COM

# Scale Accessories

## Roll Back Tray



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

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

## Leveling Foot



Steel Leveling Foot **Model 52426** **\$13.00**

## Replacement Cables



Economy Cable	<b>Model 53620</b>	<b>\$31.00</b>
Deluxe Cable	<b>Model 53640</b>	<b>\$59.50</b>
USB Cable	<b>Model 53680</b>	<b>\$16.25</b>

## Control Box & Cable Storage Case



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

Poly Storage Case **Model 53660** **\$49.50**

## Portable Aluminum Scale Cart



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

Scale Cart **Model 52300** **\$585.00**

## 10" Elephant Stands



- 10" Tall
- Aluminum Construction
- Wheel Stops Included

10" Stands / Qty 4 **Model 52400** **\$525.00**

## Control Box Charger / Battery



Replacement Control Box Charger	<b>Model 53530</b>	<b>\$31.00</b>
Replacement Control Box Battery	<b>Model 53580</b>	<b>\$45.50</b>

ORDER TOLL FREE 1 - 800 - 467 - 2464



# 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**      **\$265.00**

## 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**      **\$135.00**

## Bandolero/ Legend Car Chassis Set-Up Fixture



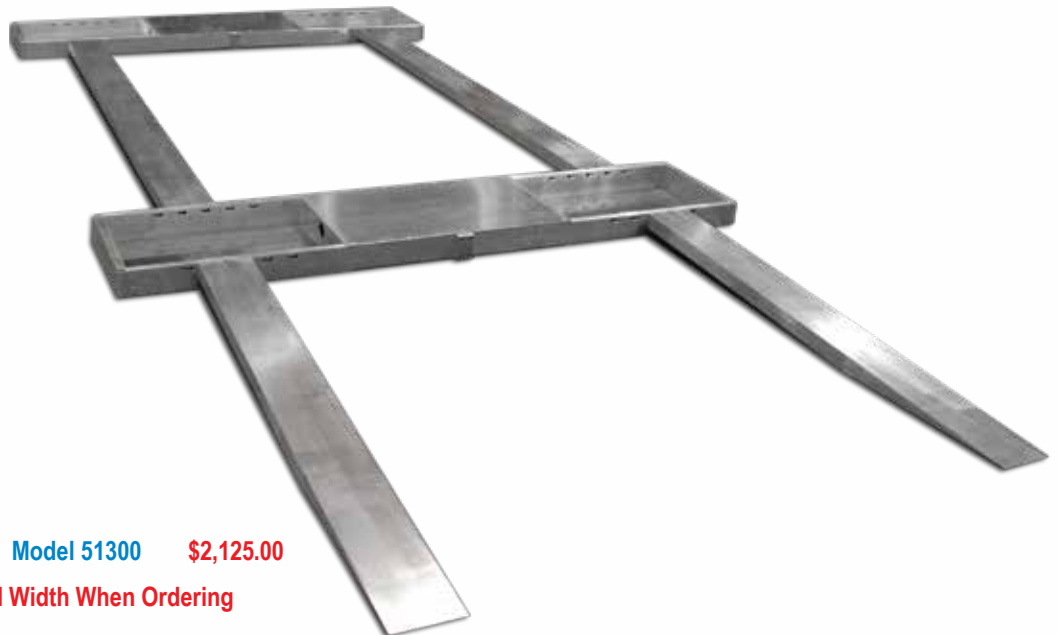
**Bandolero/Legend Car Set-Up Fixture**  
**Model 51350**      **\$1,995.00**

## 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



Leveling Foot Detail



**Chassis Set-Up Fixture**      **Model 51300**      **\$2,125.00**

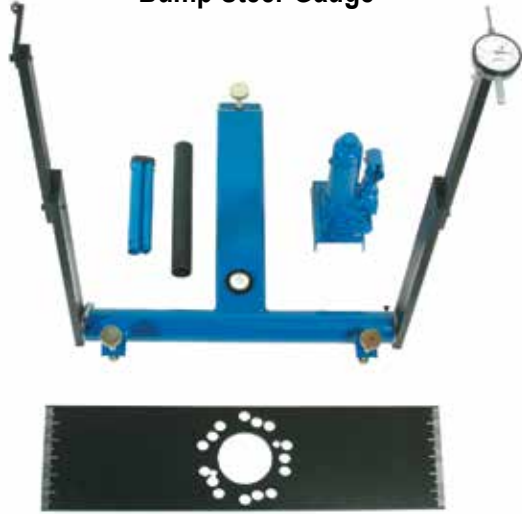
**Specify Wheel Base & Tread Width When Ordering**





# Bump Steer Tools

## One Step Bump Steer Gauge



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

One Step Bump Steer Gauge	Model 1200-BSG	\$395.00
Super "TRICK" Digital Dial Indicator	Model 1200-504	\$210.00

## Bump Steer Gauge



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

Bump Steer Gauge	Model 56100	\$315.00
Replacement Dial Indicator	Model 56110	\$37.50
Wide Five Snap Cap Adapter	Model 1200-020	\$83.00

### 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
- Specify Bolt Pattern(s) When Ordering

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

Complete Accu-Lign System ( Starting at ) \$825.00

ORDER TOLL FREE 1 - 800 - 467 - 2464



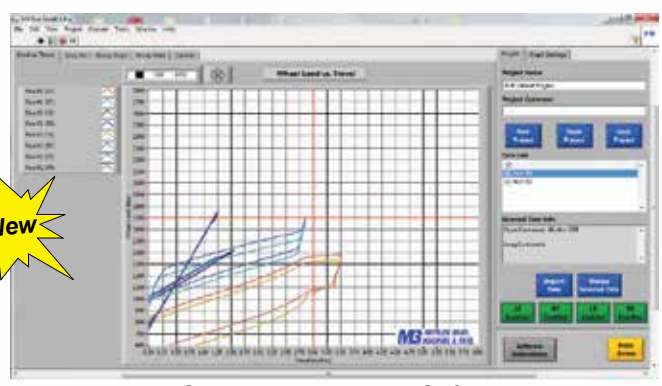
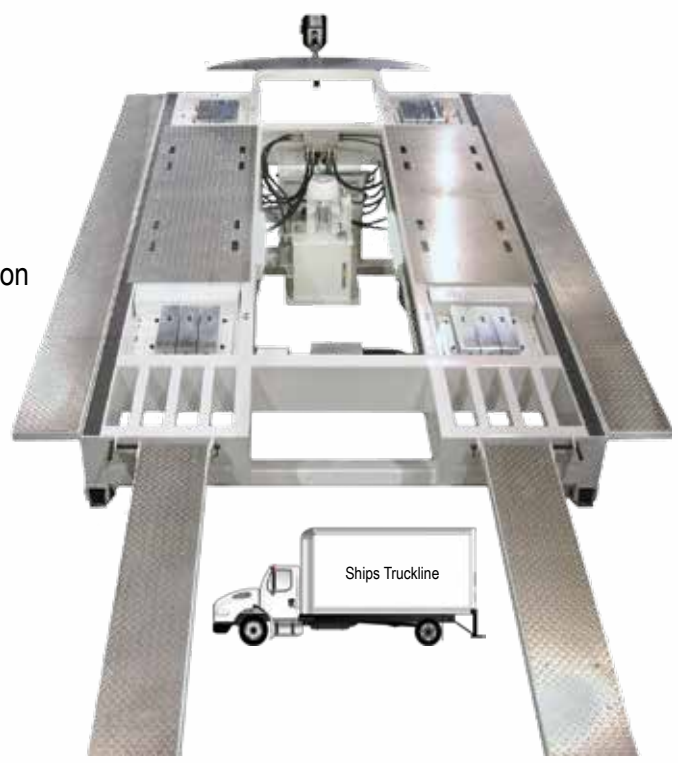
# Ultimate Pull Down Rig

## Benefits

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

## Features

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



**New**

Optional Run Recall Software

## Options

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



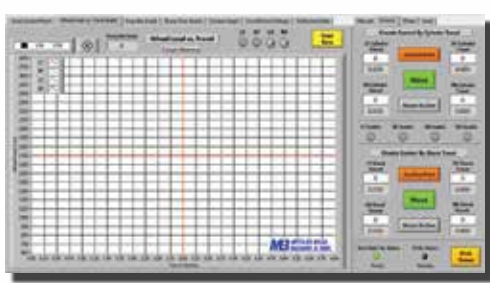
Rigid Frame Mounts



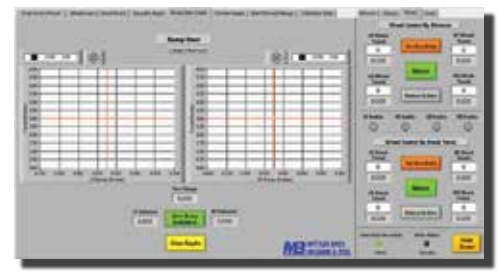
No Bind Chassis Hook Up



Shock Sensor



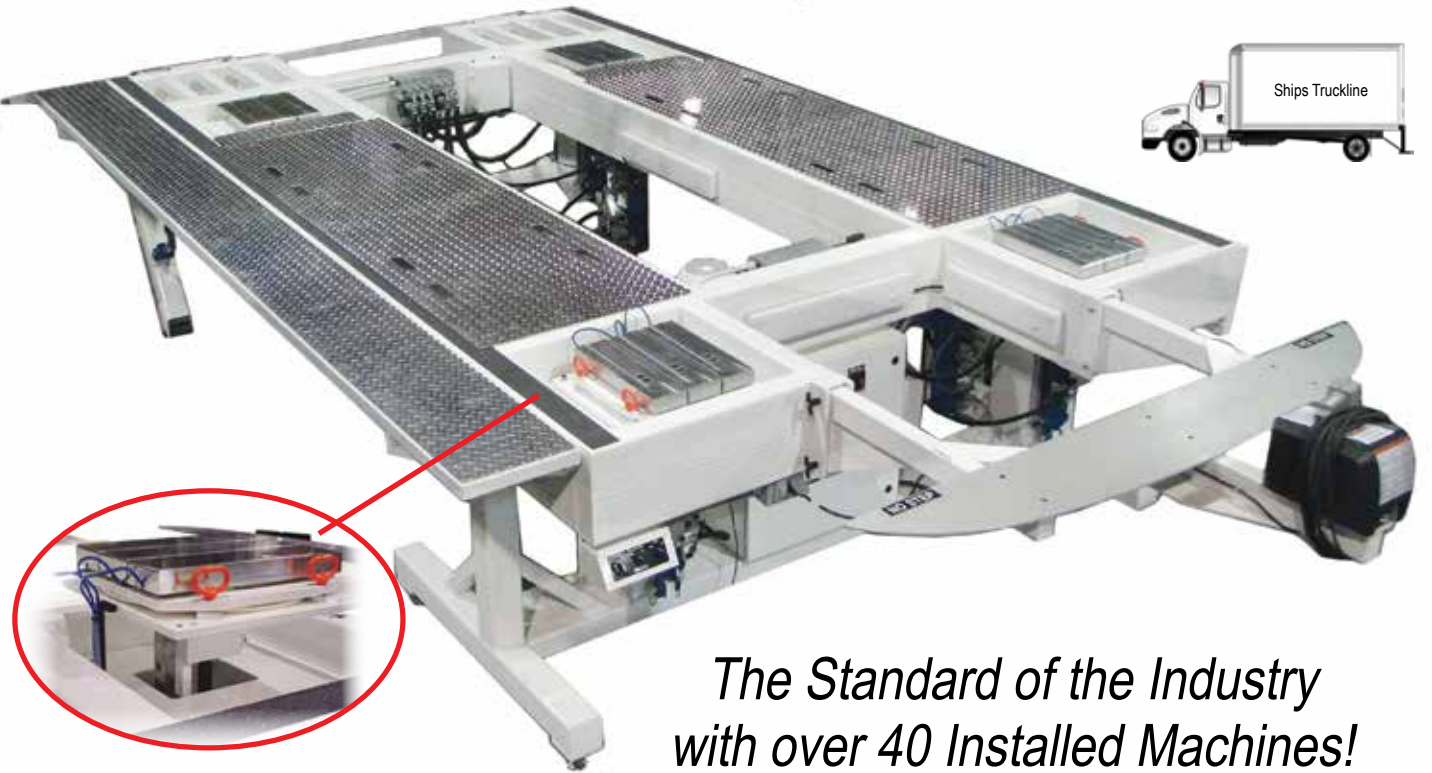
Wheel Load vs. Travel



Bump Steer / Camber

# Ultimate Pull Down Rig

Used by Winning Race Teams From Coast to Coast



*The Standard of the Industry  
with over 40 Installed Machines!*

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

*See Demo at* [www.mittlerbros.com](http://www.mittlerbros.com)



All Rig Functions Controlled From The Proprietary User Interface

ORDER TOLL FREE 1 - 800 - 467 - 2464

Ultimate Pull Down Rig

# Tire Gauges Replacement Parts

2-1/2" Acrylic Lens	Model 20006	\$4.00
4" Acrylic Lens	Model 20007	\$5.25
2-1/2" Rubber Bumper	Model 20012	\$9.25
4" Rubber Bumper	Model 20014	\$10.50



## Extreme Tire Management



Manifold Allows Up to Six Tires at a Time



Removable Lid for Protection and Transport



Digital Accuracy



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 - 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 \$1,995.00**

ORDER ONLINE @ MITTLERBROS.COM



# Tire Gauges

## Deluxe Tire Gauges

15 psi	Model 20115	\$28.95
30 psi	Model 20130	\$28.95
60 psi	Model 20160	\$28.95

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



## Night Bright Tire Gauges

**Electroluminescent  
Internal Lighting!**

**The Best Gauge For  
Day And NIGHT!**

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

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



Deluxe  
Pressure  
Release  
  
Momentary  
On Switch

Actual Photo Taken  
At Night

## Monster Tire Gauges

### 2-1/2" Glow In The Dark

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

15 psi	Model 20315	\$33.95
30 psi	Model 20330	\$33.95
60 psi	Model 20360	\$33.95



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

15 psi	Model 20415	\$72.75
30 psi	Model 20430	\$72.75
60 psi	Model 20460	\$72.75



ORDER TOLL FREE 1 - 800 - 467 - 2464



# Set-up Equipment

## Digital Tread Depth Gauge

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



**Model 21600**  
**\$365.00**

## Nitro Dryer



Reduces Moisture Going Into The Tires Which Helps Avoid Pressure Build-Up

- Lightweight Design
- Rechargeable Cartridge
- Easy In-Line Hook-Up
- All Aluminum Construction

Nitro Dryer	Model 20900	\$395.00
Recharge	Model 20906	\$82.00
Replacement Cartridge	Model 20905	\$255.00

## Stagger Tapes

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



1/4" Stagger Tape	Model 22000	\$10.25
1/2" Stagger Tape	Model 22010	\$9.75

## Staggerite Tire Caliper

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



Staggerite Tire Caliper      Model 22120      \$175.00

## Stagger Roller

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



Stagger Roller      Model 22130      \$68.50

# Set-up Equipment

## EZ Sweep Caster Slip Plates

A unique design in Caster Slip Plates

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



15° Model 57115

20° Model 57120

**\$295.00**  
Per Set

## Turn Plates

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

Model 57200

**\$650.00**  
Per Set



ORDER 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

Caster / Camber Gauge		
Description	Part #	Price
Gauge Only	57400	\$150.00
Gauge & Magnetic Adapter	57420	\$195.00
Gauge & Ford Adapter	57430	\$175.00
Gauge & Wide 5 Adapter	57440	\$180.00
Gauge & SCP Adapter	57450	\$175.00
Gauge & GM Adapter	57460	\$175.00
Gauge & Bandolero Adapter	57470	\$175.00
Gauge & 5/8" Adapter	57480	\$175.00
Gauge & 14mm Adapter	57490	\$175.00

## Toe Plate Kit



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

Toe Plate Kit **Model 56200 \$75.50**

## 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	\$205.00
Digital Camber Gauge Mount w/ 57320 Adapter	Model 57305	\$97.50

(Mount & adapter only, no Smart Tool or Case)

## Caster / Camber Adapters



Caster / Camber Adapters		
Description	Part #	Price
Magnetic Adapter	57320	\$68.00
Ford Adapter (3/4-16)	57330	\$44.00
Wide 5 Adapter (1 13/16-16)	57340	\$56.50
SCP Adapter (27/32-20)	57350	\$44.00
GM Adapter (3/4-20)	57360	\$44.00
Bandolero Adapter (18mm x 1.5)	57370	\$44.00
5/8" Adapter (5/8-18)	57380	\$44.00
14mm Adapter (14mm x 1.5)	57390	\$44.00

## Valve Core Tools



4-Way Valve Core Tool	Model 22450	\$8.00
Deluxe Valve Core Tool	Model 22460	\$9.75
Deluxe Valve Core Tool w/ 10 Cores	Model 22470	\$13.50



# Adjustment Tools

## A-Arm Shims

### Standard Shims



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

<b>Standard Camber Shim Kit</b>	<b>Model 40600</b>	<b>\$36.50</b>
1/2" Camber Shim	Model 40610	\$13.50
3/4" Camber Shim	Model 40615	\$15.00
1" Camber Shim	Model 40620	\$16.00

### Universal Shims



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

**Universal Camber Shim Kit** Model 40650 **\$36.50**

### Pinion Shims



1° Pinion Shim	Model 40510	\$23.00
1-1/2° Pinion Shim	Model 40515	\$23.00
2° Pinion Shim	Model 40520	\$23.00



1/2° Pinion Shim	Model 40430-050	\$28.25
1° Pinion Shim	Model 40430-100	\$28.25
1-1/2° Pinion Shim	Model 40430-150	\$28.25
2° Pinion Shim	Model 40430-200	\$28.25
2-1/2° Pinion Shim	Model 40430-250	\$28.25
3° Pinion Shim	Model 40430-300	\$28.75
3-1/2° Pinion Shim	Model 40430-350	\$28.75
4° Pinion Shim	Model 40430-400	\$28.75
4-1/2° Pinion Shim	Model 40430-450	\$28.75
5° Pinion Shim	Model 40430-500	\$28.75

## Lowering Blocks



1/2" Lowering Block	Model 40405	\$32.00
1" Lowering Block	Model 40410	\$33.50
1-1/2" Lowering Block	Model 40415	\$34.00
1°, 1/2" Lowering Block	Model 40550-1	\$27.00
1-1/2°, 1/2" Lowering Block	Model 40550-15	\$27.00
2°, 1/2" Lowering Block	Model 40550-20	\$27.00



1" Lowering Block	Model 40430-1	\$41.25
2" Lowering Block	Model 40430-2	\$43.75

## Jack Bolt Clamps



<b>Standard Right Clamp</b>	<b>Model 90600</b>	<b>\$33.00</b>
Tapered Right Clamp	Model 90601	\$33.00
Standard Left Clamp	Model 90610	\$33.00
Tapered Left Clamp	Model 90611	\$33.00

## Spring Rubbers

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



<b>Soft Spring Rubber</b>	<b>Model 41510</b>	<b>\$52.50</b>
Medium Spring Rubber	Model 41515	\$52.50
Firm Spring Rubber	Model 41520	\$52.50

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# Bump Stop Adjuster



**Bump Stop Adjuster**  
**Model 56160 \$415.00**

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

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



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



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

## Pyrometers

### Digital Tire Pyrometers

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



Digital Pyrometer w/ Case	Model 21100	\$185.00
Digital Pyrometer w/o Case	Model 21000	\$175.00

### Replacement Storage Case



Replacement Storage Case **Model 53666 \$29.00**

## Digital Infrared Pyrometers

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



Mini Infrared w/Laser **Model 21511 \$125.00**

### Replacement Tire Probe

- Racing Tire Probe
- Fast Updates
- Strong Tip



Replacement Probe **Model 21050 \$69.00**

# 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



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

**SC-606W 50 Memory**  
Model 25120 \$40.75



- EL Backlight illuminates entire display.
- 300 Dual Split Memory recall.
- 1/100 second precision to 100 hours.
- User selectable Running Lap or Split Time.
- Automatic Lap Counter to 999.
- Speed Timer in mph/kph.
- 300 memory recall of lap speed, time and number.
- Advanced Countdown Timers show time remaining.
- Water Resistant to 30 meters.

**SC 848W 300 Dual Memory**  
Model 25180 \$62.50

## Switch Panels



30500



30510



30520



30631

### Standard Switch Panels

Starter Button & Ign.	Model 30500	\$32.50
Starter Button, Ign. & Light	Model 30501	\$41.50
Starter Button, Ign. & 1 Acc.	Model 30510	\$41.50
Starter Button, Ign. & 1 Acc. w/ Light	Model 30511	\$43.50
Starter Button, Ign. & 2 Acc.	Model 30520	\$57.00
Starter Button, Ign. & 2 Acc. w/ Light	Model 30521	\$60.50
Starter Button, Ign. & 3 Acc.	Model 30530	\$71.00
Starter Button, Ign. & 3 Acc. w/ Light	Model 30531	\$73.00

Specify Color  
When Ordering:  
**RED, BLUE or  
BLACK**

### Deluxe Switch Panels

With Aircraft Flip Cover

Starter Button & Ign.	Model 30600	\$44.50
Starter Button, Ign. & 1 Acc.	Model 30610	\$57.00
Starter Button, Ign. & 1 Acc. w/ Light	Model 30611	\$59.50
Starter Button, Ign. & 2 Acc.	Model 30620	\$68.00
Starter Button, Ign. & 2 Acc. w/ Light	Model 30621	\$71.00
Starter Button, Ign. & 3 Acc.	Model 30630	\$80.00
Starter Button, Ign. & 3 Acc. w/ Light	Model 30631	\$82.50

## Switches / Electrical

### Aircraft Safety Cover



Safety Cover Model 33020 \$16.50

### Ignition Switch



Ignition Switch w/ Weather Proof Cover	Model 33100	\$12.00
Start / Ignition Switch	Model 33130	\$17.00

### Aluminum Switch Handle Extensions



2" Extension (pair)	Model 33060	\$11.50
3" Extension (pair)	Model 33070	\$12.50

### Weather Proof Switch Cover



Model 33040 \$4.50

### Push Button Starter Switch



Model 33150 \$12.50

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# Misc. Accessories

## Shifter Boot Kit



Shift Boot Kit	Model 40810	\$88.50
Shift Boot Only	Model 40812	\$65.50
Frame Only	Model 40814	\$27.50

Drawstring for Easy Changes  
Includes: Boot, Frame & Rivets

## Frame / Cage Gussets

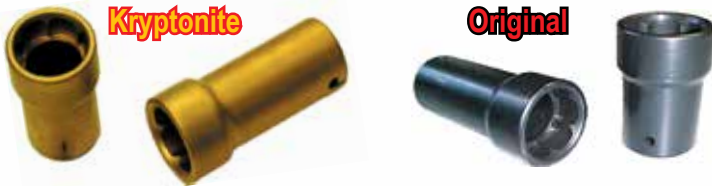
Stronger Than Flat Gussets  
Fit 1-1/2" to 1-3/4" Tube  
No Trimming Required



10 Pack	Model 40310	\$22.50
25 Pack	Model 40312	\$52.50
100 Pack	Model 40314	\$210.00

## Super Sockets

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



Kryptonite 2-1/4" Short Super Socket	Model 600-002-KS	\$83.00
Kryptonite 3-1/4" Long Super Socket	Model 600-001-KL	\$93.50
Original 2-1/4" Short Super Socket	Model 600-002-S	\$56.00
Original 3-1/4" Long Super Socket	Model 600-001-L	\$61.00

## Safety Wire & Pliers



9" Safety Wire Pliers	MB-TP68SR	\$28.00
9" Milbar Safety Wire Pliers	MB-TP68R	\$84.00
Safety Wire .020"	MB-TP67	\$15.50
Safety Wire .032"	MB-TP65	\$14.50
Safety Wire .041"	MB-TP66	\$14.50



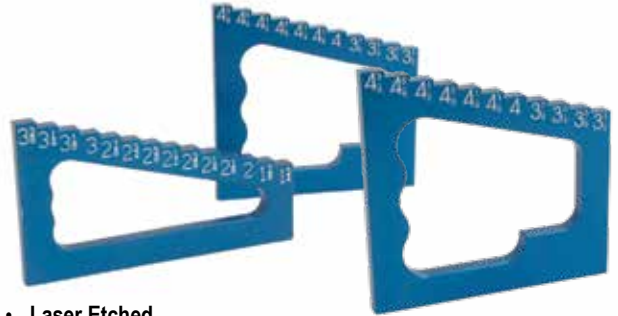
## Header Wrap

Available in: BLACK & NATURAL

Specify Color When Ordering: BLACK or NATURAL

1" x 12' Roll (Natural Only)	Model 66012	\$12.50
2" x 25' Roll	Model 66025	\$28.50
2" x 50' Roll	Model 66050	\$40.50
2" x 100' Roll	Model 66100	\$74.00

## Frame Height Gauges



- Laser Etched
- Easy To Grip
- Solid Aluminum Construction

1-3/4" to 3-3/8"	Model 56010	\$36.50
3-1/2" to 4-3/4"	Model 56020	\$36.50
4" to 7-3/8"	Model 56030	\$41.00

## Plumb Bob Kit

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



Plumb Bob Kit  
Model 56300 \$22.00

## Air Rivet Gun



Air Rivet Gun Model 62780 \$125.00

# FAST-AN® Wrench Tool System



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

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

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

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

**FAST-AN® Wrench Tool System (with case) Model 63200 \$250.00**

## AN Wrenches



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

AN Wrenches		
Description	Part #	Price
-3 thru -10 Wrench Set	62100	\$94.50
-6 thru -16 Wrench Set	62200	\$110.00
-3 thru -20 Wrench Set	62300	\$175.00
-3 Single Wrench (7/16")	62003	\$24.50
-4 Single Wrench (9/16")	62004	\$24.50
-6 Single Wrench (11/16")	62006	\$24.50
-8 Single Wrench (7/8")	62008	\$24.50
-10 Single Wrench (1")	62010	\$26.50
-12 Single Wrench (1-1/4")	62012	\$29.50
-16 Single Wrench (1-1/2")	62016	\$29.50
-20 Single Wrench (1-13/16")	62020	\$33.00

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# Customer Projects



Farmtruck and AZN



Diesel Bros.



Wolfpack UTV



Zenith Aircraft



MRC Fabrication



Detroit Speed



Gateway Classic Mustang



Midwest Eurosport

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# Mittler Brothers TEAM RECOGNITION

Our Greatest Strength over the 37 Years of Innovation is our long term Team Members. Without their Loyalty, Dedication, & Skill none of these products would be possible. Thank You for All You Have Done.

Greg Klemme	37 Years	Jeremy Wortmann	22 Years
Mike Heinrich	33 Years	Matt Hillmann	19 Years
Pam Beckham	32 Years	Kenny Hiatte	18 Years
Jim Heinrich	30 Years	Leroy Haney	18 Years
Cindy Snyder	30 Years	Dan Walsh	17 Years
Bobby Smith	29 Years	Joe Belaska	14 Years
Todd Mandernach	27 Years	Gay Hurt	13 Years
Ray Sauer, Jr.	26 Years	Mitch Fahland	13 Years
Shannon Heinrich	26 Years	Lonnie Davis	12 Years
Tom Melton	24 Years	Nathan Gardner	12 Years
Mark Gust	23 Years	Tom Smith	10 Years
Brian Springmeier	23 Years		
Dave Dodge	22 Years		



## MB Motorsports 2017 Chevy

MB Motorsports competed in the NASCAR Camping World Truck Series in 2017 running both the #63 Chevy Silverado Truck and the #36 Chevy Silverado Truck.

Five drivers piloted the 2 trucks: Kevin Donahue, Kyle Donahue, Landon Huffman, Bobby Pierce, & Chris Windom.

MB Motorsports drivers Bobby Pierce, in the #63 Chevy Silverado, & Chris Windom, in the #36 Chevy Silverado, both had an exciting race at the Eldora Speedway NASCAR Camping World Truck Series dirt track race. Both drivers ran very well the entire 150 laps. Bobby Pierce was involved in 2 early race minor accidents, but rebounded to a 5th place finish. Chris Windom ran in the top-10 all night until a flat tire 10 laps from the end gave him a 19th place finish.

Landon Huffman, a rookie in the NASCAR Camping World Truck Series, drove the #36 Chevy Silverado to a 20th place finish at Bristol Motor Speedway in his first NASCAR race.

### Our dedicated volunteer crew provided the support for the 2017 NASCAR race season:

Mike Boswell, Robert Bridges, Perry Cawein, Kendall Downs, Tony Enderle, Jim Ferrell, Mark, Robbie, & Ed Freeman, Jerry Kruep, Beverley Mittler, Joanna Mumma, John & Sharon Nabours, Bill Politsch, Dave Porter, Mike Shetler, Troy Vandiver, Troy Walker, & Ray Bollinger.

### A special thanks to our 2017 marketing partners:

Burromax, Champion Oil, Creepex, Curtis Toledo, Cyclops Gear, Excel Bottling / Ski Soda, Gaither Tool, Gateway Kartplex, MARADYNE High Performance Fans, Mayhew Tools, Mechanix Wear, Powerstop, Redback Boots, Reikken, Spanesi-Americas,

### Thanks to additional marketing partners:

Autometer, Best Way Laundry, CeeKay Supply, Childs Tire, Dayco, Dyer Rods, Fel-Pro Gaskets, Hooker Harness, Kuhlman Racing Components, Moog, MSD Ignition, & Schoenfeld Headers.

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 the respected reputation for launching the careers of talented, new drivers & crew members into NASCAR racing. This includes: Drivers, the late Tony Roper (1995), the late Kenny Irwin Jr. (1996), Jamie McMurray (1999), Carl Edwards (2002), Regan Smith (2002), & Justin Allgaier (2005); Crew Member: Scott Thompson, (1997) now with Stewart-Hass Racing; Dennis Killian, (1998) now with Roush Fenway Racing; and Justin Jennings, (2011) now with Penske Racing.

## 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 everyone 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 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.



12/23/64 - 10/14/00

12/26/38 - 08/19/01

In an almost unbelievable twist of fate, Dean Roper died doing what he loved - Racing. Sadly, however, it was a heart attack; prompting many to say, "Dean died of a broken heart, literally and missing his real idol, Tony. We will always remember Tony and Dean Roper."

### Terms & Conditions of Sale

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

### Prices

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

### Returns

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

### Special Orders

All special orders must be 100% prepaid!

All special orders are Nonreturnable and Nonrefundable!

### Outside the Continental United States

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

### Truck Freight

All merchandise shipped by truck must be paid in full before order can be shipped. Payment by credit card or money order is preferred. Due to more costly residential delivery charges imposed by most motor freight companies, it is preferable to ship all truck freight items to a business address.

### Freight Claim

Any damage must be reported to us immediately upon receipt of goods.

### Warranty

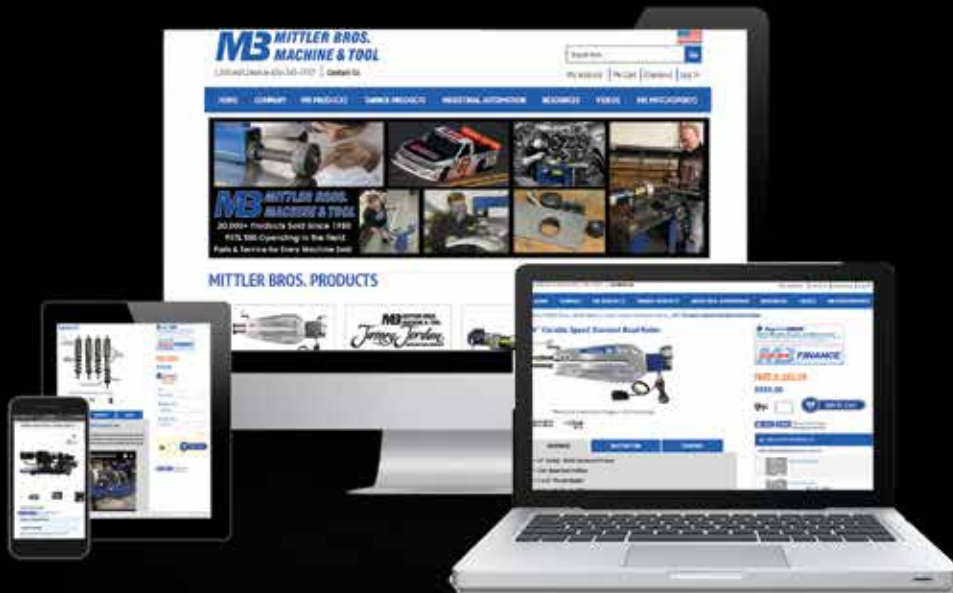
All Mittler Bros. & Tanner by MB manufactured products carry a one year warranty on material and workmanship. Misuse or improper tool selection does not constitute a warranty issue. Other manufactures products sold carry the manufactures warranty.



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