

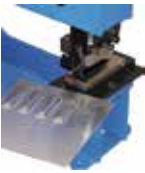
MITTLER BROTHERS SHEET METAL TOOLS

MANUAL BENCH PRESS



Economical & versatile. Bench press accepts tooling for punching round, square & oblong holes; punching louvers; creating radius corners; & shrinking or stretching metal. Punch/flare tooling & instrument hole punches. Easily mounted with included adapters. Can also be used as arbor press.
Model 2200-M P/N 12-02770

LOUVER PUNCHES LOUVER PUNCH START UP KITS WITH MOUNTING HARDWARE



Size	Part No.	Price
1"	12-02771	---
2"	12-02772	---
3"	12-02773	---
4"	12-02774	---
5"	12-02775	---
3" Dome	12-02776	---
4" Dome	12-02777	---



ULTIMATE BOX & PAN BRAKE

The ultimate Box and Pan Brake has a unique 3-finger design. Incorporating moveable segmented bed fingers and apron fingers as well as upper radius fingers. Radius fingers allow forming aircraft and racecar panels using 3003 to 2024 T3 aluminum, .062 inch mild steel and .0375 inch stainless steel. Bend combinations easily that were extremely difficult if not impossible before. Features include wrenchless upper set back adjustments, 3-1/2" depth of box, 2" down leg, 1" front to rear adjustment and 1/4" reverse bend capabilities. A complete set of upper radius fingers. • Wrenchless upper set back adjustments • 3-1/2 inch depth of box • 2 inch down leg • 1 inch front to rear adjustment • 1/4 inch reverse bend capabilities. Along with the box and pan brake, you will receive a complete set of upper radius fingers (your choice), bed fingers, apron angle fingers, and counterweight(s). The total width of the upper radius finger kit will be 48". You will receive the following fingers: qty 7 of 6" and one each of 3", 2", and 1" fingers totalling to 48".
Model 2800-48-16 P/N 12-02799

Upper Radius Finger Kits (radius is measured inside of bend)

AIRCRAFT SCALE SET



• 15 x 15" Cast Aluminum Pads • 1500 Lbs Per Pad Capacity Lbs. or Kg • Reads to 1 Lb. / 1/10% Accurate • Displays All Information at Once • Zero All Pads at Once or Individually • 40 Hr. Battery Life (rechargeable)

Certification Available At Optional Cost.

Deluxe Aircraft Scales include custom length cables with Deluxe Stainless Steel connectors and software to calculate center of gravity height. 4500 lbs.
Model 50297 P/N 12-02816

WHEELING MACHINE (U-WELD MODEL)



This English Wheel U-Weld Kit supplies the components to make your own English wheel, minus the steel tubing. A detailed assembly booklet is provided and the complete kit includes all the key components of the turn-key MetalAce 44F English Wheel. Other kits

on the market come with smaller 2" wide x 2 1/2" diameter anvil wheels, smaller diameter upper wheels, and require more assembly. The screwlift quick release cam unit is fully assembled. Components proudly made in the USA. **Features:** • Set of 6 lower anvil wheels, 3" wide x 3" diameter • Upper wheel, 3" wide x 8" diameter • Upper wheel yoke assembly with axle and spanner • Anvil yoke assembly • Screwlift quick release cam assembly • Set of 4 caster wheels • Assembly instruction manual • Made in the USA. **Specifications:** • 8 x 3" upper wheel • 2.50 R, 3.75 R, 6.00 R, 12.00 R, 24.00 R and Flat lower anvil wheels.

MA44F-KIT - Components and bill of materials to build a 44F English Wheel P/N 12-00570
MA44F - Fully assembled English Wheeling Machine
P/N 12-02294

BENCH TOP ENGLISH WHEEL



A Rugged, Robust Machine for the occasional metalworking project to the professional craftsmen. All wheels (anvil & top) are heat treated, hard turned & ground for accurate precision metal forming. • 26-1/2" Deep Throat • 2-1/2" OD - 2" Wide Anvils • 7" OD - 2" Wide Top Wheel • Cam Action Release on Top wheel For Easy Anvil Change • Adjustable Anvil Wheel Angle • 3" x 4" x 1/4" Tube Construction For Minimum Deflection • Kick Wheel Manual Pressure Adjustment • Anvil Wheels In Radius Of 2-3/8", 3-1/4", 5", 8-1/2", 12" & Flat
Model 2900 P/N 12-02812

24" MANUAL BEAD ROLLER



Bead Rolls Sets Sold Separately. Max Capacity: 19 Ga(.040") Mild Steel. 16 Ga(.050") Aluminum. 21 Ga(.035") Stainless Model 210-24M
P/N 12-02746

SEE WWW.AIRCRAFTSPRUCE.CA
FOR ROUND ROLL AND STEP ROLL PART NUMBERS.

UPPER RADIUS FINGER KITS



Mittler Bros. upper radius finger kits (radius measured inside of bend). **Note:** 48" kits come with qty 7 of 6" and one each of 3", 2", and 1" fingers.
1/8 Inch P/N 12-02804
3/16 Inch P/N 12-02806
1/4 Inch P/N 12-02808
5/16 Inch P/N 12-02811

AIRCRAFT PUNCH & FLARES 1" - 6" OD



Just drill a pilot hole for the 1/2" draw bolt, apply the tool and tighten the bolt for a smooth, flared hole in one easy step. Punch hole only by removing female flare ring and use punch and die. Easily mounts in our Bench Presses.

OD	Part No.	Price
1"	12-02778	---
1-1/4"	12-02779	---
1-1/2"	12-02780	---
1-3/4"	12-02781	---
2"	12-02782	---
2-1/4"	12-02783	---
2-1/2"	12-02784	---
2-3/4"	12-02785	---
3"	12-02786	---
3-1/8"	12-02787	---

OD	Part No.	Price
3-1/4"	12-02788	---
3-1/2"	12-02789	---
3-3/4"	12-02790	---
4"	12-02791	---
5"	12-02792	---
6"	12-02793	---
7 piece set 1"-3" (w/o 2-1/4" & 2-3/4")	12-02794	---
9pc Set 1"- 3"	12-02796	---
13pc Set 1"- 4"	12-02795	---

INSTRUMENT HOLE PUNCH



OD	Part Number	Price
2-1/4"	12-02797	---
3-1/8"	12-02798	---

WHEELING MACHINE (BENCH MODEL)



Clearly, this is the most popular of in-home English Wheels. Metal Ace offers extensive anvil configurations to meet your needs. Plus, with the new gusseted frame, it's the strongest benchtop wheel on the market. Trick out your custom-built bike or complete hobby projects without breaking the bank. These English wheeling machines provide outstanding performance

on small jobs like motorcycle tanks, tank covers, seat cowls and aircraft fillets. Versatile use - mount on bench, clamp in vise or use with optional welded stand. Proudly made in the USA. **Features:** • Thickness capacity for steel is 18 gage; 16 gauge with optional stiffener brace. • Features can be rolled into the center of a 44" panel. • Can be mounted to a bench, clamped in a vice or used with the optional welded floor stand. • Optional wheels and stand sold separately. • Anvil yoke is adjustable on both sides of the axle support with thumb screws so the anvil wheel can be trued with the upper wheel. **Specifications:** • 3.25" radius lower anvil • 8" upper wheel • 22" throat depth • Reinforced frame • 18 gauge mild steel capacity .080 AL capacity • Made in the USA.
Wheeling Machine MA 22B P/N 12-00571

ACCESSORIES

Radius Wheel 5" 22B-5.00	P/N 12-02026
Radius Wheel 5" 22B-5.00 Narrow	P/N 12-02027
Radius Narrow Offset Wheel 5" 22B-5.00NO	P/N 12-02028
Optional Stand for the 22B Wheeling Machine MA22B-STAND	P/N 12-00575

PLANISHING HAMMER



Speed up fabrication time on complex multi form aluminum and steel panels for making those impossible to find replacement parts. • 4600 Hits Per Minute @ 90 PSI • Rear Adjuster Sets Load Force & simplifies Anvil Changes • Foot Pedal Control for Hands Free Operation
• 9 Radius Anvil Heads Included: 3/4", 1-1/2", 2", 3", 4", 6", 8", 12" & Flat • 12" Model 2700 P/N 12-02813
24" Model 2700-24 P/N 12-02814

SEE WWW.AIRCRAFTSPRUCE.CA FOR A COMPLETE SELECTION OF MITTLER BROTHERS TOOLS.