

SHOP OUTFITTERS



#UF-25H Universal Fabricator

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Tel (719) 676-5555 Fax (719) 676-5554



More and more industrial arts teachers are making Shop Outfitters' equipment part of their school's metal shop-class curriculum.



#1-ORB Ornamental Roller-Bender



The rocker bench and coffee table shown above were both made on the **#1-ORB** by Shop Outfitters. Watch our online demonstration video and see why the ornamental forming capabilities of the **#1-ORB Ornamental Roller-Bender** is unmatched by any hand-operated ornamental component bending machine available today.

www.shopoutfitters.com

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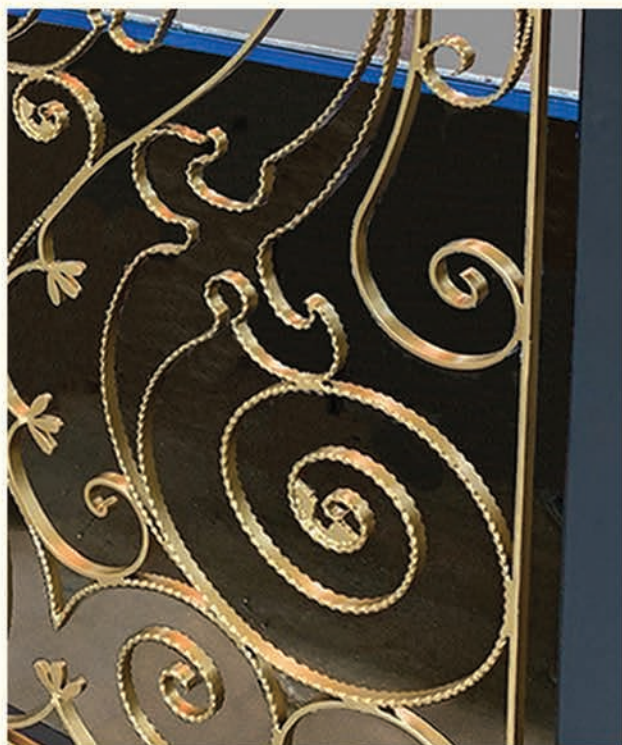
(Made in the USA)



Both of these nifty trellises were built by industrial arts teacher John McGee and his shop class on our equipment. Twisted flats, formed & rolled scrollwork, & rolled flat stock arches were all formed on Shop Outfitters' **#1-ORB**.

Shaun Music (seen to the right) built the classy gate shown below on his welding table with his new **#1-ORB Ornamental Roller-Bender**. This is what he had to say about the **#1-ORB**.

“Upon arrival while unboxing the ORB, I was immediately impressed by its weight and feel. The craftsmanship of this machine is evident in its integrated ingenuity. Like all things, appearance is only that of vanity, the proof is in the fruits. My 7 year old daughter effectively twisted 1/2” pickets and rolled scrolls. The repeatability, durability, and ease of use is unmatched. The #1-ORB gives users, beginners or professionals the precision of a master blacksmith, only with no wait time for cooling metal.”

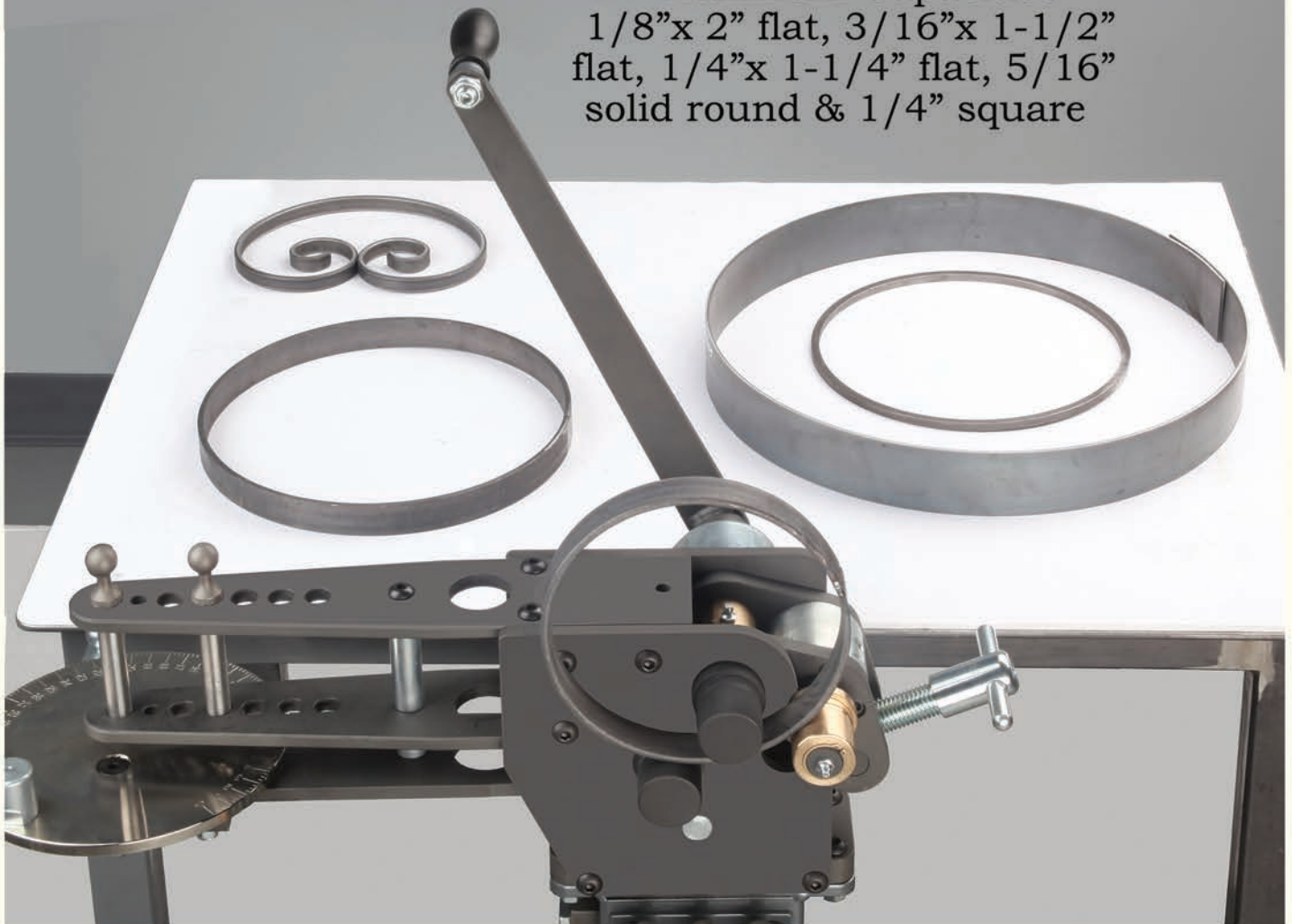




Built by Andrew Moon on the #1-ORB
(New Zealand)

The built-in heat treated gear driven ring roller is handy for making all kinds of rings for projects like the ones shown as well as non-ornamental projects.

Maximum Capacities
1/8"x 2" flat, 3/16"x 1-1/2"
flat, 1/4"x 1-1/4" flat, 5/16"
solid round & 1/4" square





#SA Scroll Attachment (one of the five attachments that comes with the **#1-ORB Ornamental Package**) Forms various scrolls out of 3/16"x 1/2" up to 3/16"x 1" hot-rolled and 1/4" solid round & square. The **#SA Scroll Attachment** is shown below forming and rolling the scrolls for the porch railing seen on the opposite page.



#SA Scroll Attachment



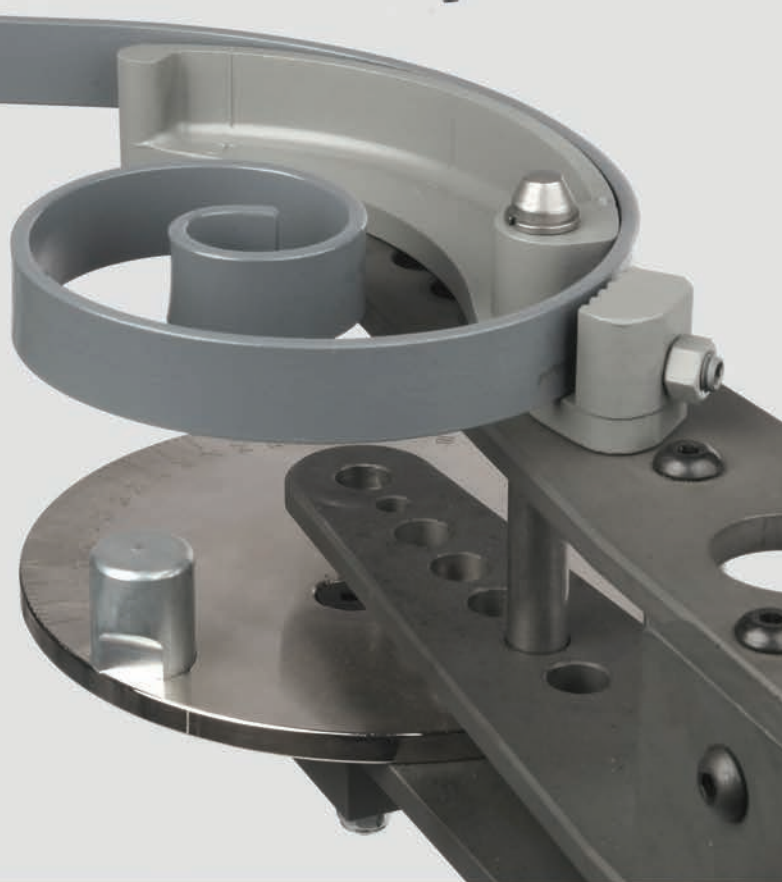


The tables, plant stands, and benches seen on these two pages required the use of the **#SCEN Scroll Enlarger** for some of the larger scrolls that made up part of their design patterns.



#SCEN Scroll Enlarger Attachment (one of the five attachments that comes with the **#1-ORB Ornamental Package**)

Forms the two larger **I & J** scrolls. The **J** scroll is shown in the scroll enlarger with its enlargement completed.



#SCEN Scroll Enlarger





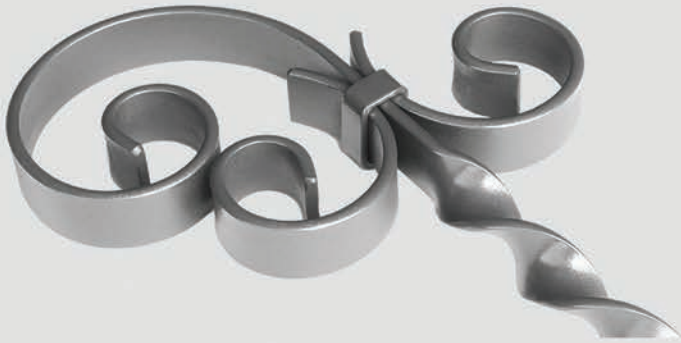


#WA Wrap Attachment (one of the five attachments that comes with the **#1-ORB Ornamental Package**). Forms various size wraps out of $1/8" \times 1/2"$ hot rolled flat strip

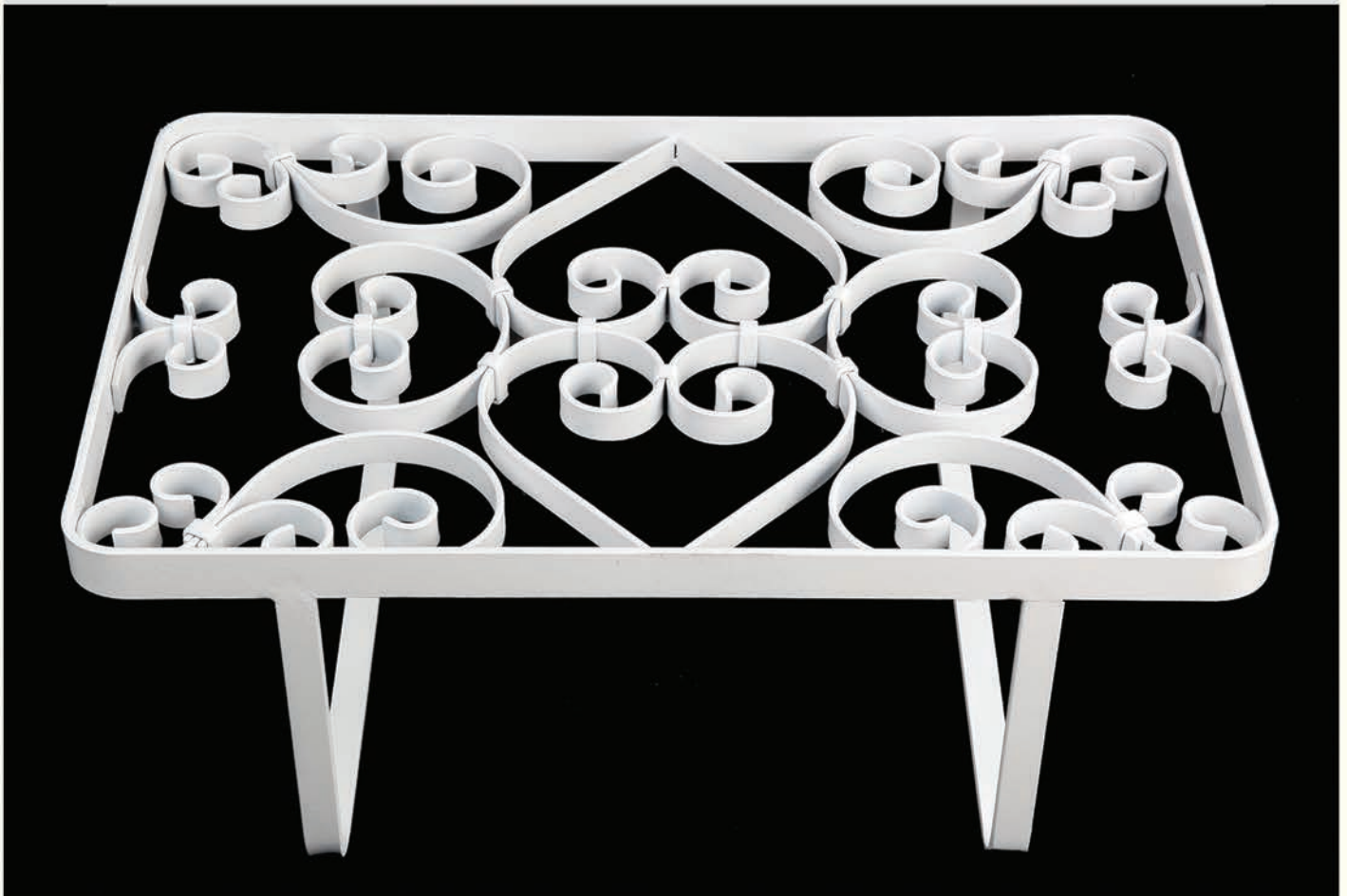


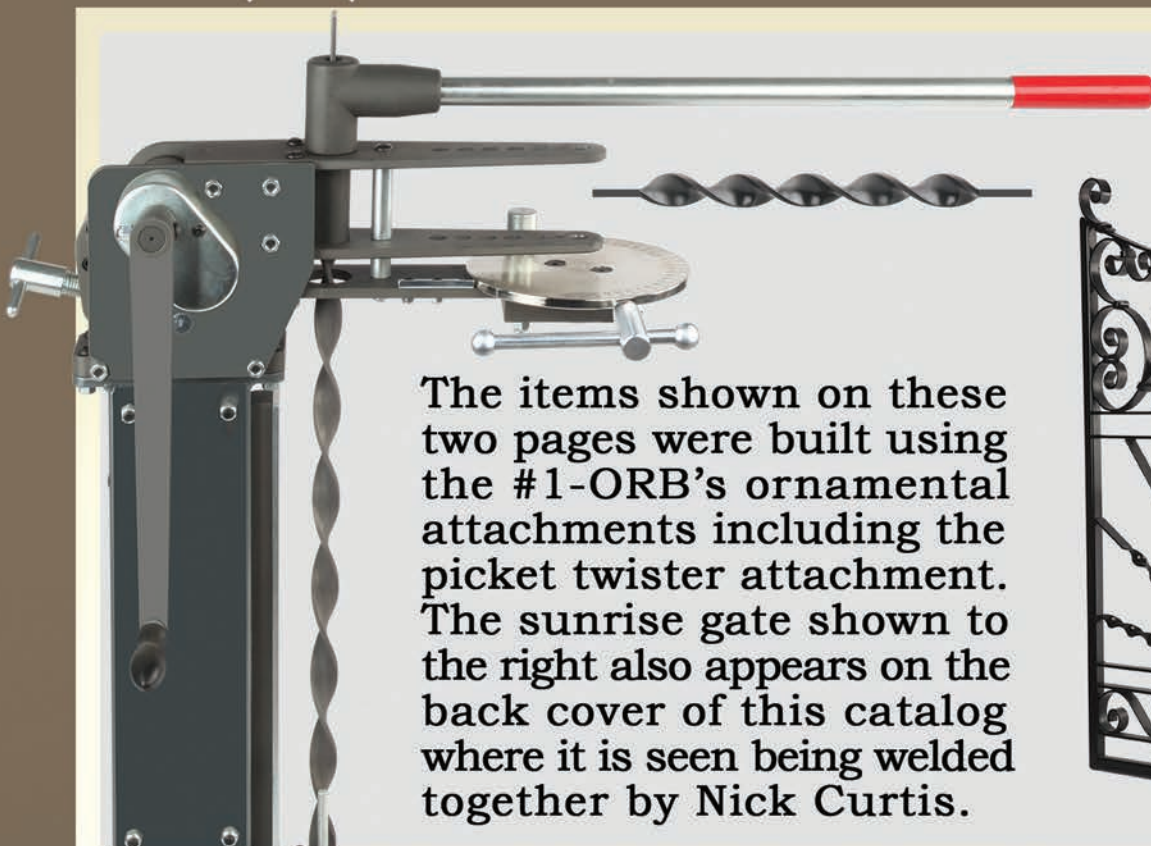
#WA Wrap Attachment





↑
Wrap





The items shown on these two pages were built using the #1-ORB's ornamental attachments including the picket twister attachment. The sunrise gate shown to the right also appears on the back cover of this catalog where it is seen being welded together by Nick Curtis.



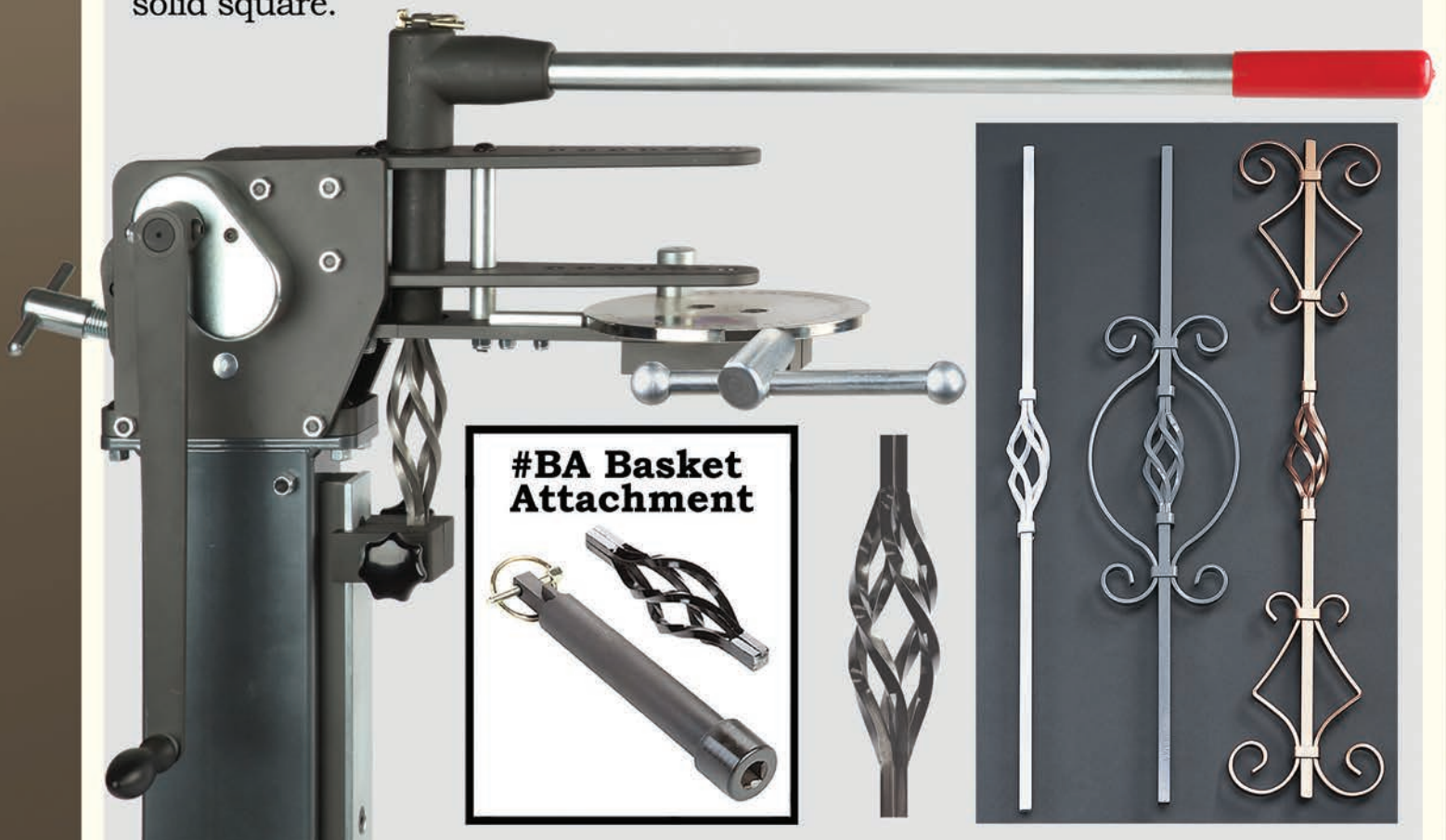
#PTAR Picket Twister Attachment







#BA Basket Attachment (one of the five attachments that comes with the **#1-ORB Ornamental Package**). Forms baskets out of 1/4" hot-rolled solid square.







Industrial arts teacher, Jose Bran, is seen on the opposite page demonstrating the capabilities of the **#1-ORB** to two of his students at Artesia High School. Jose is rolling a ring for one of several style piggybanks, two of which can be seen in the upper left corner.

The sunflower mailbox stand (shown below on the right on top of Rudder High School's shop welding table) was made by the school's instructor, John McGee and his class with the **#1-ORB Ornamental Roller-Bender**.



Carlos Bassett



Wyoming shop teacher Carlos Bassett and his class built the mailbox stand below and wood & scroll table shown above with our equipment.



There is virtually no end to the attractive ornamental projects that can be made on the **#1-ORB Ornamental Roller-Bender**.

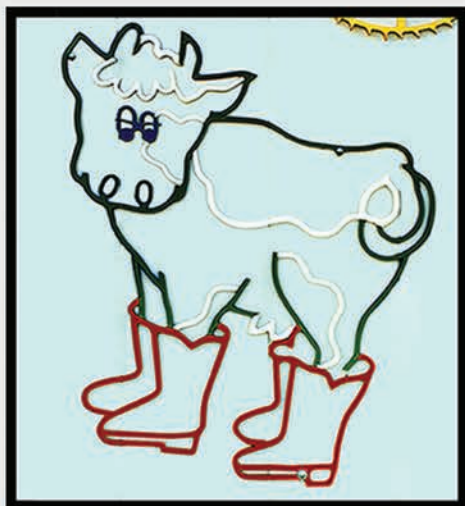


We are continually amazed by the ideas that our customers dream up once they use our ornamental bending equipment.

Check out the shock absorber butterfly at the bottom of this page designed and built by Bill Geiger.



Bill Geiger



This cow was made by Francis A. Wieseler with our ornamental bending equipment.



Note: the old chair shown above was retrofitted with scrolls formed on the **#1-ORB**.

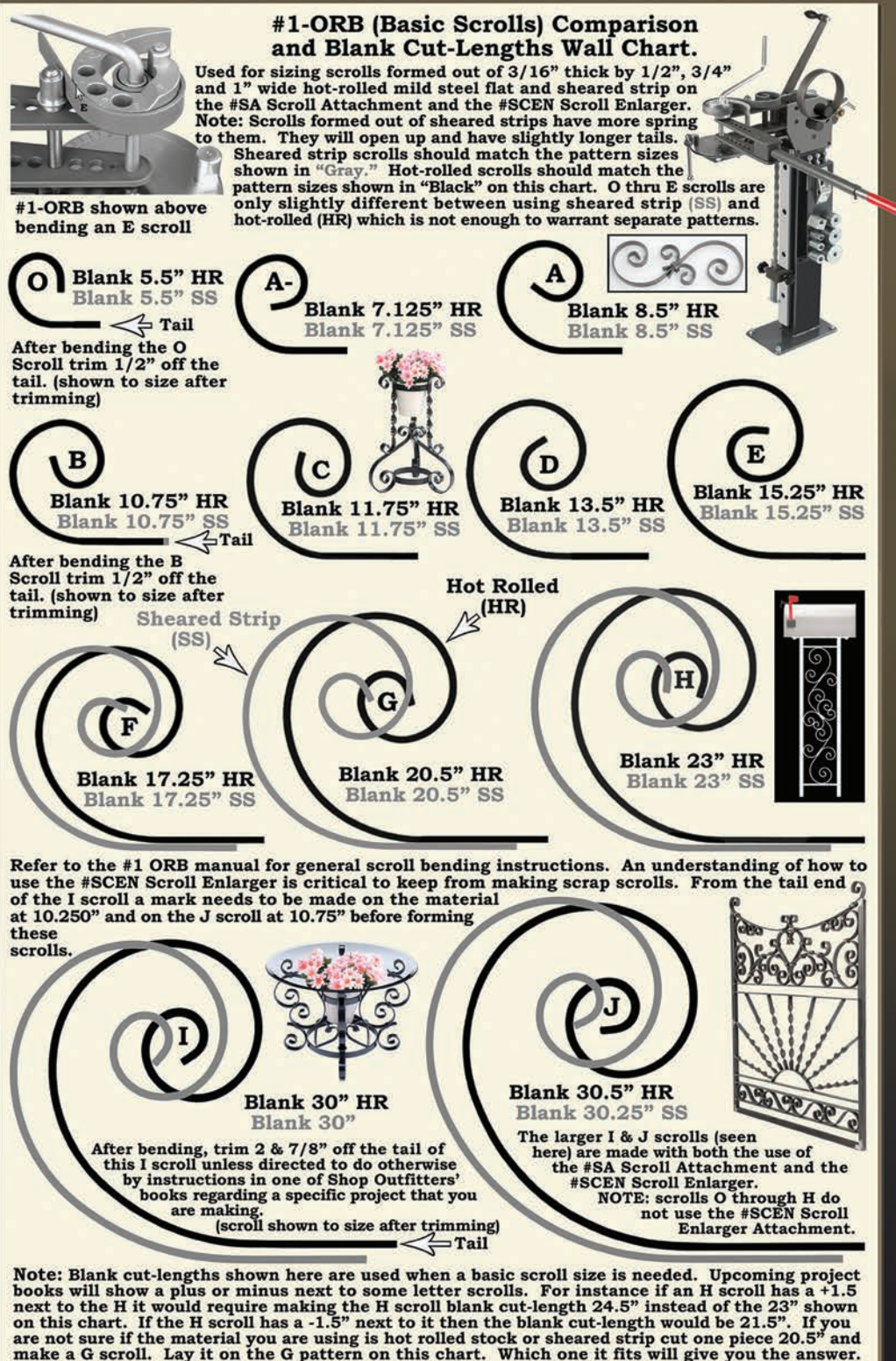


Stairway leaf plant stand by Shawn Bulle



The 36"x 24" **Plastic Laminated Scroll Wall Chart** (seen on opposite page) is shown cropped to the left and laying flat at the bottom of this page for illustrational purposes. Normally it should be mounted on the wall next to the **#1-ORB** where newly formed scrolls can be checked for size. This handy chart comes with every **#1-ORB** ornamental attachments package. As the owner (even having built ornamental ironwork for better than half a century) I often use this chart for scroll sizing purposes. The cropped chart to the left shows an E scroll being placed on the chart to verify that it has been correctly formed. This does not need to be done for every scroll formed. However, this chart is especially handy when digging through various size scrolls left over from previous jobs whose sizes may need to be determined for a new project they may fit into.





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36"x 24" Plastic Laminated Scroll Wall Chart
(Comes with every #1-ORB Ornamental Package)

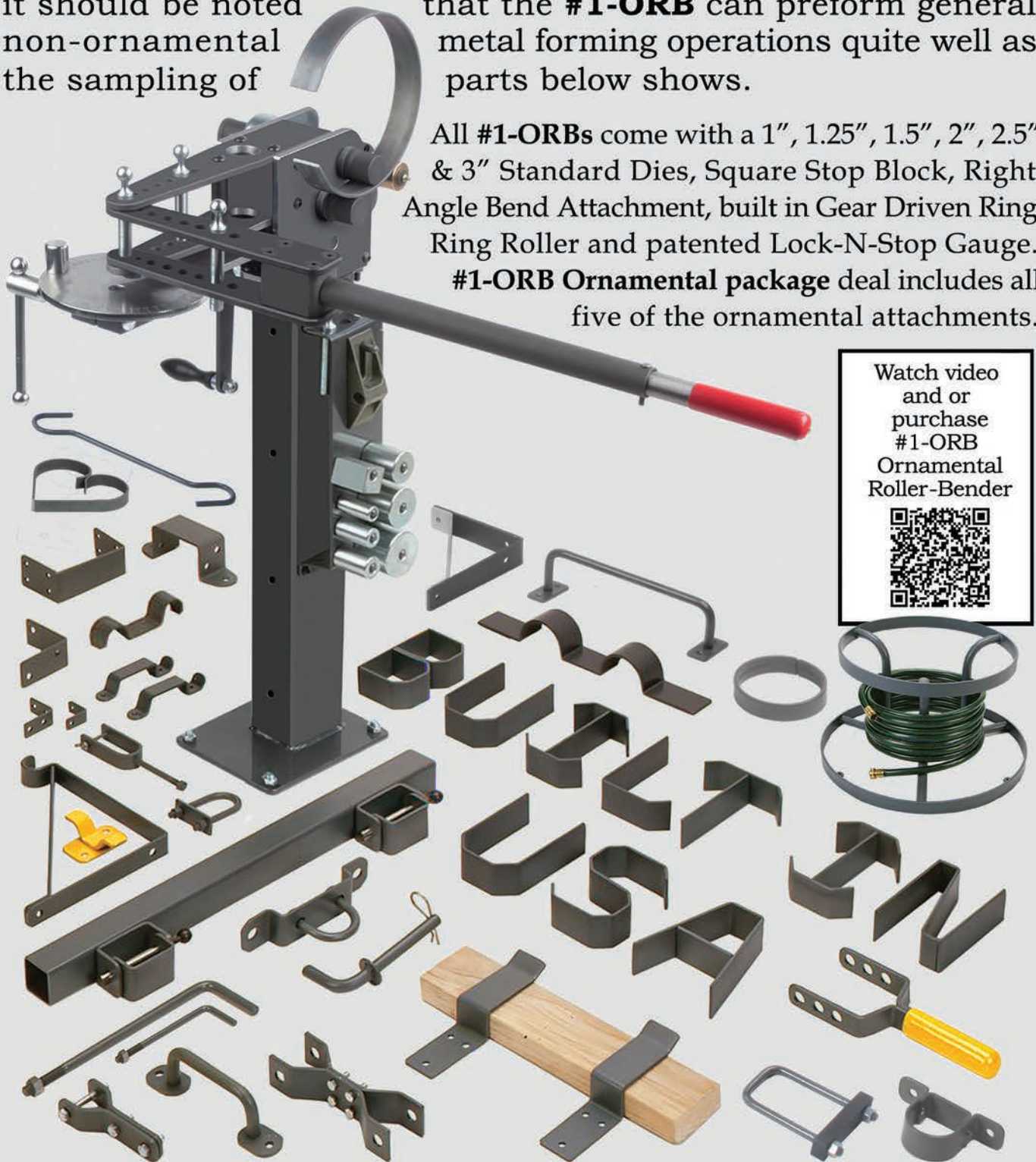
#1-ORB Ornamental Roller-Bender

The real value of the **#1-ORB** lies in its ability to form parts for building ornamental ironwork. The five ornamental attachments shown on the proceeding pages transforms a good bender and ring-roller into a very useful ornamental fabricating machine. However, it should be noted that the **#1-ORB** can preform general metal forming operations quite well as the sampling of

All **#1-ORBs** come with a 1", 1.25", 1.5", 2", 2.5" & 3" Standard Dies, Square Stop Block, Right Angle Bend Attachment, built in Gear Driven Ring Ring Roller and patented Lock-N-Stop Gauge.

#1-ORB Ornamental package deal includes all five of the ornamental attachments.

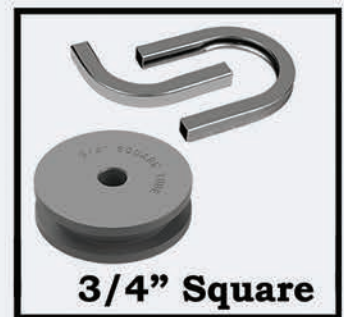
Watch video
and or
purchase
#1-ORB
Ornamental
Roller-Bender





(4) Optional Tubing Dies available for the #1-ORB

Note: These dies are not required for most ornamental work that the #1-ORB is designed to do. They can be added at any time should the need arise.



Volume 1- Reference Book- The World of Beautiful Ornamental Ironwork



This 206 page book can serve as an effective project idea source & sales tool to be shown or loaned to your potential new customers. Comes standard with every new #1-ORB machine sold.

Includes projects made by #1-ORB owners and several other master craftsmen as well many items made by the author Marshall Bulle with the #1-ORB.



#338RD *Optional Auxiliary Dies (for the #338)*



*Rolls 1" square tubing
& 1/4" to 5/8" solid
round.*



#338 Pedestal Ring & Arch Roller

(for rolling the heavier
rings & 1" square
tubing)

**Weight
123 lbs.
Ht. 48"**

The 34" hand wheel on the **#338 Pedestal Ring & Arch Roller** drives the material over the top of the hydraulically adjustable outside bottom dies to roll an almost infinite number of arch and ring sizes for your various projects.

Watch video
and or
purchase
#338 Pedestal
Ring & Arch
Roller



The **#338** (wide track) **Pedestal Ring Roller** rolls circles and arches from 8" diameters and up out of hot rolled mild steel. The maximum capacities are 1/4" x 3", 3/8" x 2", and 1/2" solid square mild steel. It comes with standard dies as shown in the machine on this page.

This roller is an improved design of our earlier and very successful #238 version that has been seen in use by millions of people on the **Discovery Channel**.







*Support USA
jobs. Buy better
built tools made
in our country.*



#UF-25H Universal Fabricator

Kid's Pedal Helicopter (seen on the opposite page (with rotating foam blades) and Pedal Ferris wheel were formed on Shop Outfitters' **#UF-25H Universal Fabricator.**

All projects in this catalog were formed on Shop Outfitters' equipment.

More schools and fabricators are outfitting their shops with the **#UF-25H Universal Fabricator** due to its unique capabilities. Page 29 lists a few of the many schools, shops, & government agencies, *(including the military)* who are using this machine. Our **Lock-N-Stop Gauge** is an essential part of an easy to use system for making and recording repeat bends.



(shown
forming
1 & 1/4"
pipe for
the pickup
ladder rack
seen above)

Watch
video and or
purchase
#UF-25H
Universal
Fabricator





Tube & Pipe Dies



Square Dies

Tube Die sizes available for the #UF-25H



Round Dies

1/2" round
3/4" round
1" round
1 & 1/4" round
1 & 1/2" round

Pipe Dies

1" pipe
1 & 1/4" pipe

Square Dies

1/2" square
3/4" square
1" square
1 & 1/4" square
1 & 1/2" square

#2011 Handy Bend with accurate repeatability is one of the handiest pieces of heavy duty bending equipment that any shop can have. It comes standard on the #UF-25H.

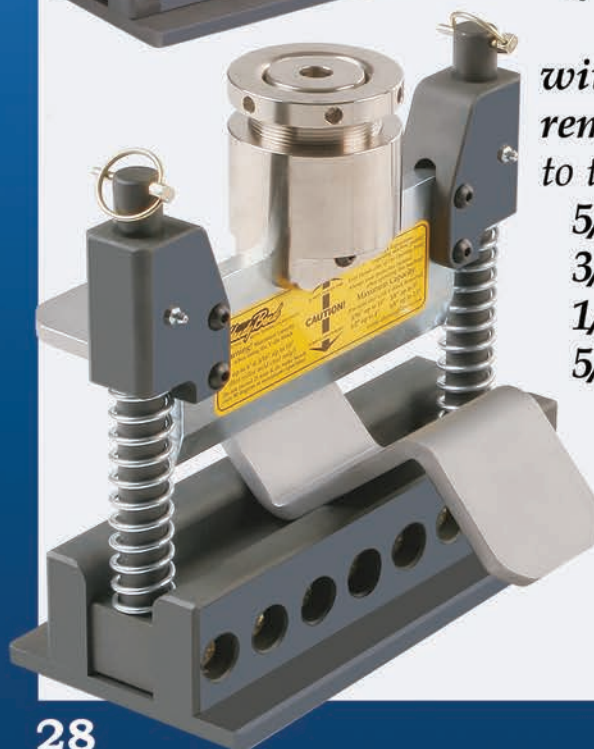


Maximum Capacities
with 10" V-Block in place
(as shown to the left)

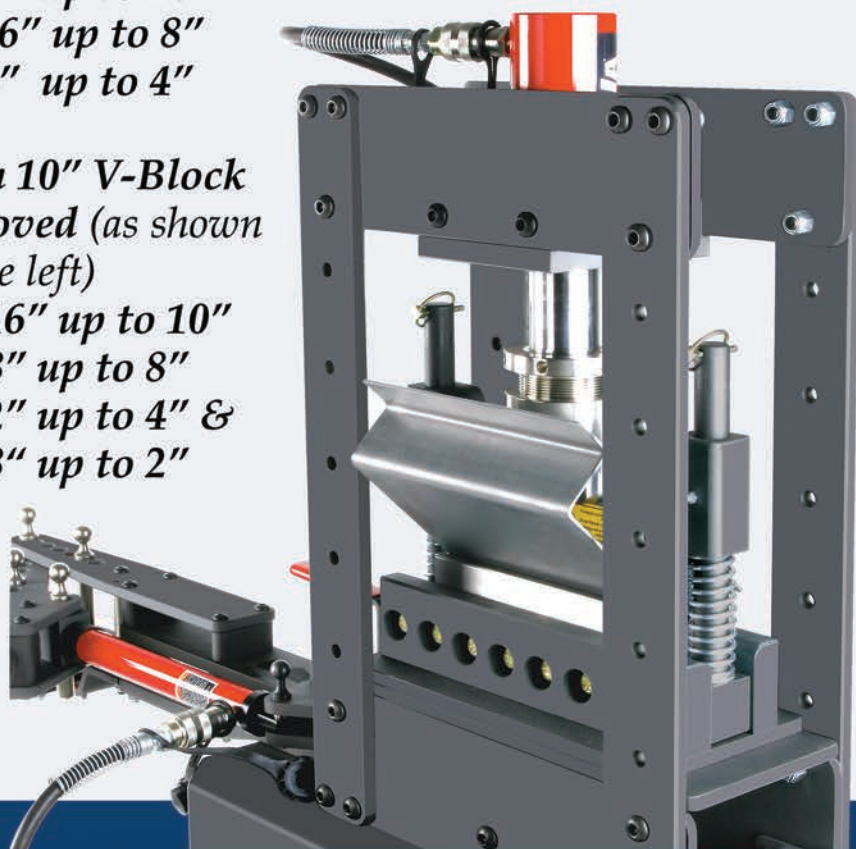
1/8" up to 10"
3/16" up to 8"
1/4" up to 4"

with 10" V-Block
removed (as shown
to the left)

5/16" up to 10"
3/8" up to 8"
1/2" up to 4" &
5/8" up to 2"



#UF-25H Universal Fabricator





This combination of a portable tool rack and tool shelves (metal board rack on back side) were formed on Shop Outfitters' metal bending equipment. It was built and designed by welding instructor John McGee's welding class at James Earl Rudder High School in Bryan, Texas. **It took first place** in the Technology Student Association (State Level). It also took first place in Skills USA (State Level).

Schools have become a significant part of our business. Our equipment is being used in more industrial arts classes as the realization of the need for the rebuilding of U.S. manufacturing here at home becomes more apparent. A few of the many schools, government agencies, and businesses that have purchased and are using our **#UF-25H Universal Fabricators** are listed below, including U.S Army Fort Drum.



U.S. Army Fort Drum

Airgas USA
 Andrews Air Force Base
 ATK Industries
 Bear Valley Partners
 Board of Water Commissioners-
 Denver Water Metal Shop
 City of Rockland, ME
 College of Southern Idaho
 College of Technology at Delhi
 Columbia County Sheriffs Office
 Cut "n" Edge Custom Fab, LLC
 Department of Veteran Affairs
 Federal Aviation Administration
 Garrett Academy of Technology
 Gloucester County Vo-Tech
 Jackson High School, WY
 JB Frame Shop
 Keen's Welding & Aluminum Works
 Ken Phillips Construction
 Michigan State University
 Minnesota DOT Central Shop
 Montana Tech
 New Mexico State University
 Segovia Metal Works

Norco
 Northwest Louisiana Technical College
 Pennsylvania Turnpike Corporation
 Pro Tool
 Red Sea Engineers and Corporation
 Neil Carey (retired teacher)
 Rusty Owl Iron and Wood- Perth, Au
 Scott Welding
 Shaffer Welding
 Simons Upholstery
 South Georgia Tech College
 Southeast Louisiana University
 State University of New York
 Texas State Tech College
 T J's Auto Body
 Triple C Welding
 True Value Hardware
 Unitec Career Center- Canada
 U.S. Army Fort Drum, New York
 US Department of Transportation
 Western Iowa Tech College
 Western New Mexico University
 Winnipeg School Division
 FCI Sandstone (correctional inst.)



**Fast Sign Building Software
for your CNC Plasma, Water-
jet or Laser cutting machine**

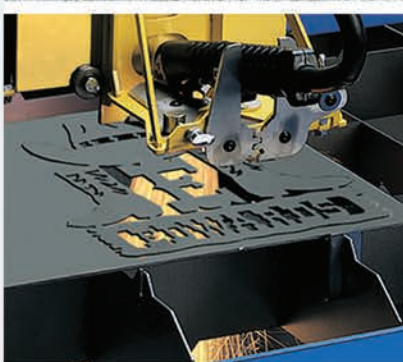


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RedPup Productions

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You can create impressive signs with little effort or artistic talent using SignSlapper™. Simply choose a sign template, select art patterns from the art library, type in words, and save the file ready to cut. This software program will add a lot of capability to any of the machines listed above in the heading. There is no end to the amount of signs used in industry and the private sector.

Want to get started? Even if you do not have a cutting machine, you can create your own signs in this program. It will instantly convert them to a DXF cut path file that can be given to a business that owns a machine that can cut out the sign for you and your customer.

Besides having the capability to create beautiful signs to no end,



SignSlapper™ will create happy customers which can get you a better price for the signs you create with it.





As seen in the items on this page **Shop Outfitters' #1-ORB** and a **PlasmaCam cutting machine** can help you make some incredibly fun and attractive projects.

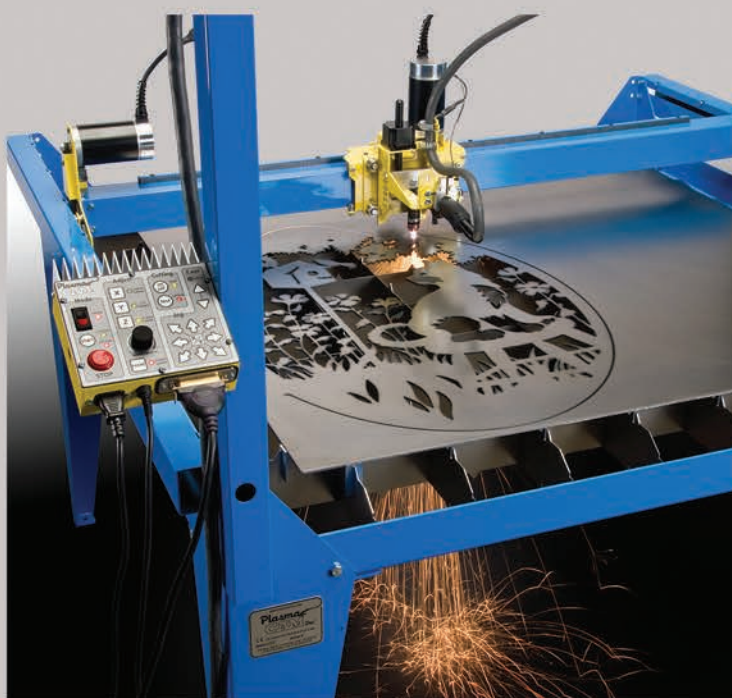


(719) 676-2700

Call **PlasmaCam** for a free video! Tell them that you heard about PlasmaCam from Shop Outfitters. **Note:** The table is so easy to operate it does not need a field trainer that several competitive models require.



PlasmaCAM Inc.



SHOP OUTFITTERS

(Mailing) P.O. Box 340 Rye, CO 81069
(Shipping Only)- 4932 Graneros Road,
Colorado City, CO 81019



Get started today making some extra income with Shop Outfitters' **#1-ORB Ornamental Roller-Bender.**



A. J. Gavaletz



This catalog shows some of the endless number of ornamental projects that can be made on the **#1-ORB Ornamental Roller-Bender.**



See back inside cover