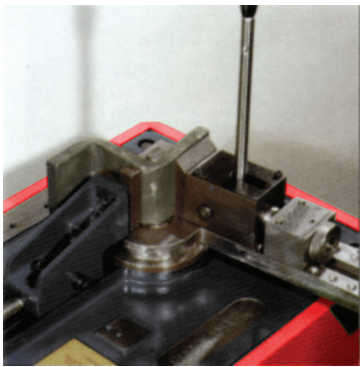


Universal Benders

**Digital Controls + Rotary Technology for Cold Bending,
Forming, Twisting, Curving, Folding & Scrolling**



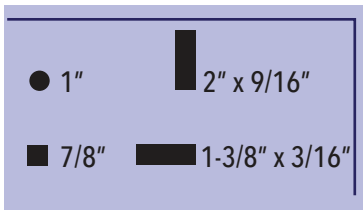
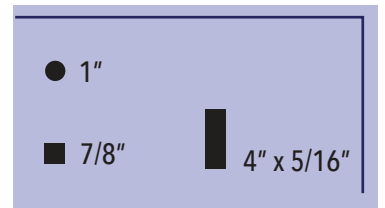
E-Matic Series: CE/CN SUPER



E-Matic CE/CN SUPER

- **Bar Brake Tooling - Type PF**
(use with All Bender Clamp AB)

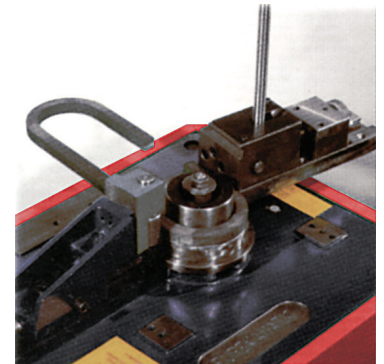
Use to make tight angle bends on many section types - Brake, Bend Fold



E-Matic CE/CN SUPER

- **Circle & Curve Tooling - Type CF**
(use with All Bender Clamp AB)

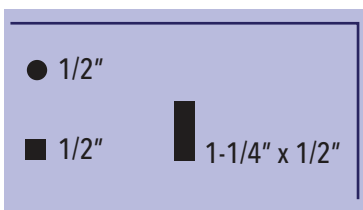
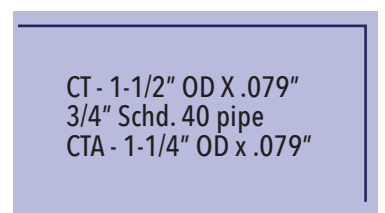
Make radius bends, hooks & hairpins. Unlimited Uses and Shapes. Kit supplied with tall center arbor, 4" diameter former & counter bend roller. (Complete rings 360° require custom tooling)



E-Matic CE/CN SUPER

- **Tube Bending Tooling - Type CT & CTA**
(use with All Bender Clamp AB)

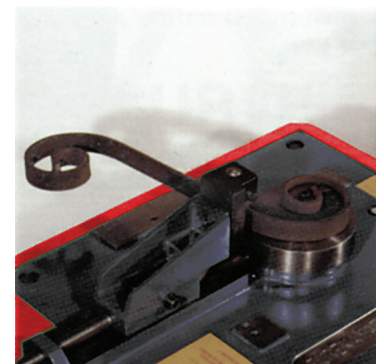
Bend tube and pipe with or without mandrels
CT - mandreless CTA - with mandrel.
Kit supplied with tall center arbor and special dual roller counter bend device, formers excluded, to be ordered separately.
Maximum bending radius 5"



E-Matic CE/CN SUPER

- **Scroll Forming Tooling**
Type CS & CS/3

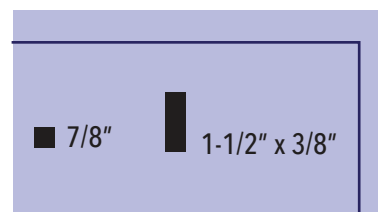
CS/3 includes 3 scroll sizes 3", 4" & 5-1/2".
Custom tools for scrolls up 20" diameter using 3/4" bar. All units use segregated formers.
Interlocked Progressive Formers Optional.
CS/3 5-1/2 former handles max. bar sizes



E-Matic CE/CN SUPER

- **Bar Twisting Tooling - Type D**

Twist square, flat bars, bundled rods or tubes
Programmable twist degree preset stops
Through collets allow intermittent twists to 40" long!



E-Matic Series: CE/CN SUPER

THIS ALL NEW E-MATIC CE/CN SUPER Universal Bender incorporates a rotary bending head, a wide stable base and digital programmable controls into a uniquely versatile package. Heavy Duty, Rugged yet easily portable and compact. Tooling change over is rapid and easy. Application of the different attachments shown on the facing page permit the use of thousands of tooling configurations.

CONTROLS

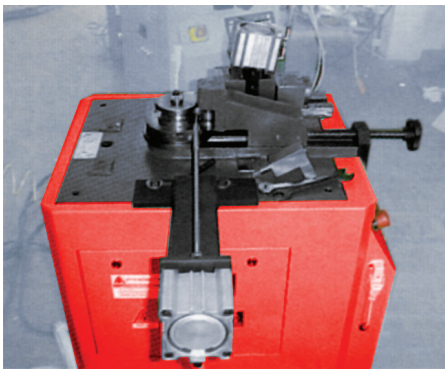
Our microprocessor control is easily programmed for tooling type, degree of bend, stop-return and Auto/Manual operation modes. Input of a desired bend delivers parts with repeat accuracy to 1° via a large LED display. Memory allows 9 programs with 5 bends for 45 bends. Optional foot pedal allows remote bend activation



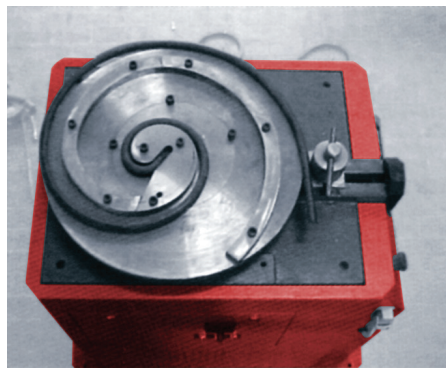
ALL BENDER CLAMP DEVICE

Four tooling attachments use the "All Bender" clamping device: Bar Brake, Circle/Radius, Tube Bender with and without mandrels. The adjustable over the center cam locking clamp allows rapid cycle times. AB can be mounted on the CN-SUPER as well as the CE-Basic models. Optional: pneumatic or hydraulic operation.

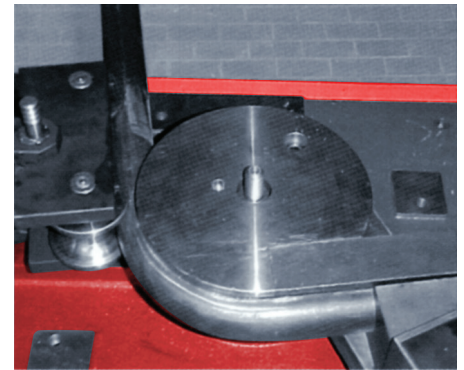




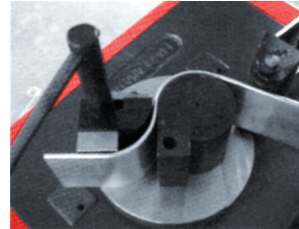
Custom Pneumatic Powered
Vice & Mandrel



Optional "SUPER SCROLL"
20" Diameter x 5/8" Bar



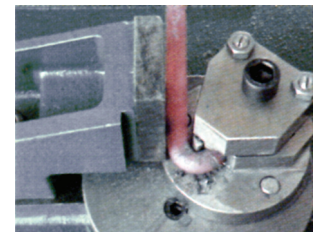
Special Tube Bending Dies



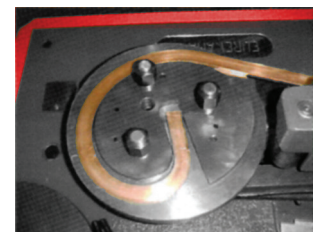
Custom CF Tooling



Custom CF Tooling



Custom Hot Bending



Custom CF Tooling

Specifications

- Drive Motor 3 Kw/Brake
- Rotation Speed 7 Rpm
- Approx. Weight 500 Lbs.
- Memory 45 Steps
- Control Voltage 24 VAC
- Power Required 220V-3-60 Hz Only*
- Dimensions 34" x 25" x 39" h

*(RTG254 Rotary Converter required for operation on 220V single phase power)

Measurements in inches, all data are approximate, capacities based on low carbon steel of max. yield 30,000 psi.
The manufacturer and Carell Corp. reserve the right to revise design, construction and specifications without prior notice.



FABRICATING MACHINERY

P.O. BOX 850 • Stapleton, AL 36578-0850

TEL: (251) 937-0947 • FAX: (251) 937-4742

www.carellcorp.com • email: sales@carellcorp.com

BEND • FOLD • CURVE SCROLL • TWIST • FORM!

The E-Matic CE/CN Super machine is designed for ornamental/decorative work as well as for production applications. Digital programming of 45 Bends, optional dual speed, unlimited applications!

E-Matic series CE/CN SUPER machines can be used to produce an unlimited number of shapes and may require either modification of the optional/standard tools or custom tooling. Consult Carell Corporation and/or your authorized dealer.