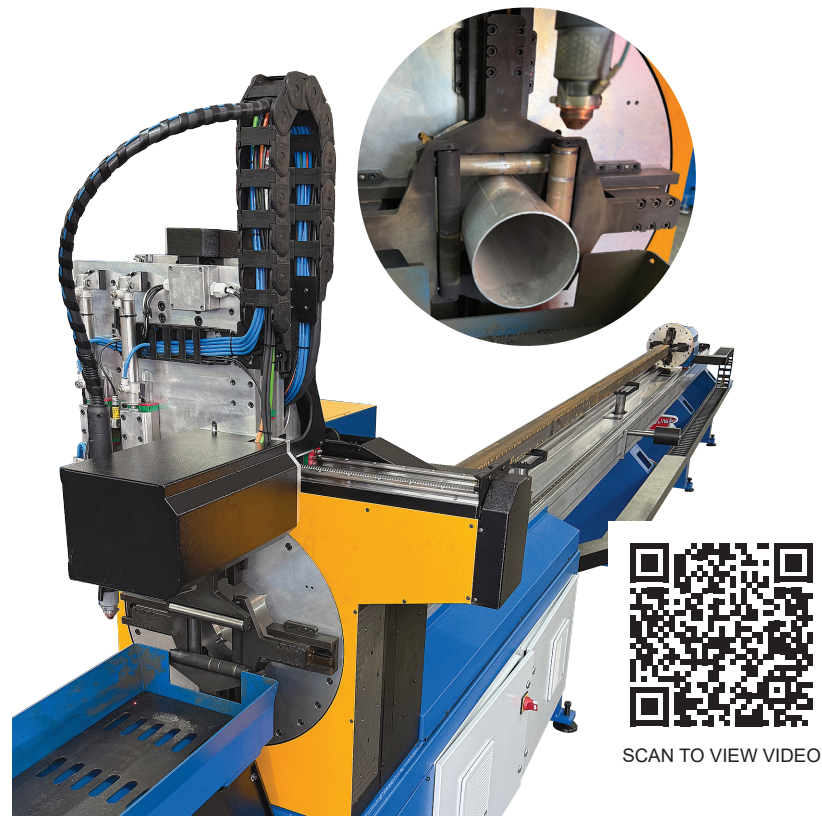


Erco Cut EC220PHT 75M Plasma Cutter



OVERVIEW

Ercolina's Plasma CNC Tube, Pipe and Profile Cutting System Model EC220PHT-75M performs two-dimensional cuts of any shape quickly and productively on conductive metal tubes, such as aluminum, steel, copper, brass or others.

KEY FEATURES

- Intuitive software provided is the market leader quickly and accurately produces cuts, holes, designs.
- Self-centering chucks keep material on center, capturing rounds, square, rectangular, angle and C Channel.
- Feed system seamlessly processes pipe with full eight-inch pipe pass through with included gate roll.
- Automatic material supports on each table support interpolated with front gate moving automatically to correct height of programmed part for easy material leveling.
- Auto bevel 45° left and right.
- Hypertherm Powermax85 Standard included with machine.
- Manual chucks front and back.
- X1 (back/forth movement of carriage) precision thanks to low backlash helical rack and pinion.
- B1 and B2
 - Low backlash planetary gearboxes for accurate rotation of rear carriage and front gate.
 - Rotation drive via high precision brushless motors with integrated absolute encoders, high precision/low maintenance belts and cogs.
 - Rotation bearings conducted to ground with carbon brushes, increasing bearing life by eliminating current arcs.

Capacities & Specifications

Minimum profile length	12"
Maximum standard length	24.5'
Maximum weight of materials (Steel, Stainless Steel, Aluminum, Brass, Copper)	30 lb/ft
Round (min. – max.)	Ø 3/4" – 8-5/8"
Square (max.)	6"
Rectangular (max.)	8" x 2"
Angle (max.)	6"
C-Channel (max.)	8" – 2"
Flat bar dimensions (max.)	8"
Flat bar thickness (max.)	1"*
Auto Bevel 45° Right and Left	
Maximum linear speed of X, Y, Z axes	196 ft/min
Maximum spindle speed	100 rpm
Controlled axes	8
Machine weight	2646 lbs
Numerical control	Sync 3D

* Depending on the power of the plasma