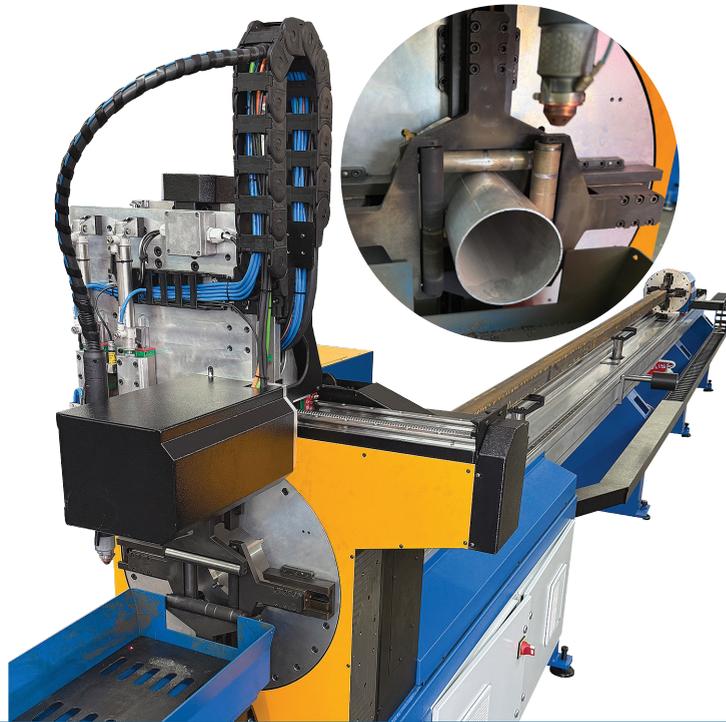


# Erco Cut EC245P CNC Plasma Cutter



## Capacities & Specifications

Minimum profile length	59 in
Maximum standard length	9.8' - 24.6' - 39.3'
Maximum weight of materials (Steel, Stainless Steel, Aluminum, Brass, Copper)	30 lb/ft
Round section dimensions (min. – max.)	Ø .75" – 8.625"
Square section dimensions (min. – max.)	.75" x .75" – 9.4" x 9.4"
Dimensions of closed profiles (min/max side length)	.75" x .75" – 9.4" x 9.4"
Dimensions of corner profiles (L) with equal and unequal sides (min. – max.)	.75" x .75" – 9.4" x 9.4"
U profile dimensions, UPN, UPE (min. – max.)	.75" – 9.4"
Flat bar dimensions	.387" – 9.4"
Flat bar thickness	.187" – .437"
Maximum linear speed of X, Y, Z axes	196 ft/min
Maximum spindle speed	100 rpm
Maximum length of piece unloading	8' Standard
Controlled axes	8
Machine weight	2646 lbs
Numerical control	Sync 3D

\* Depending on the power of the plasma

## OVERVIEW

Ercolina's Plasma CNC Tube, Pipe and Profile Cutting System Model EC245P-CNC 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 with no modifications required to 6-5/8 inch.
- 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.
- Laser-like quality axis movements at plasma cost.
- X1 (back/forth movement of carriage) precision thanks to low backlash helical rack and pinion.
- B1 B2 Low backlash planetary gearboxes for accurate rotation of rear carriage and front gate.
- B1 and B2 rotation drive via high precision brushless motors with integrated absolute encoders.
- B1 and B2 rotation with high precision/low maintenance belts and cogs.
- B1 and B2 rotation bearings conducted to ground with carbon brushes, increasing bearing life by eliminating current arcs on bearings.