



Basic Specs – Angle-Channel Processing Center

Material Shape -	Angle, C-Channel, Flat Stock, limited handling of square/rectangle
Maximum Work Length -	<u>Loading</u> : 24' *with additional roller tables, at least 60' material lengths with total material weight not exceeding 1,000 lbs <u>Unloading</u> : unlimited offload length *with additional roller tables
Material Diameter -	C-Channel: 3" to 12" Flat Bar: 3" up to 12" x ¾" Angle: 2" x 2" up to 8" x 8" x ¾" Square and rectangle: 2" x 2" up to 6" x 12" x ½"
Axis Travel -	X lengthwise: 296" Y crosswise: 16" Z up/down: 8" A: ± 92° W: 5.5"
Height of Chuck Center -	Roller conveyor height 36¼" to 39", depending on installation
Maximum Material Thickness –	Up to ¾" recommended, 1" is possible for limited applications
Rapid Travel Speed -	X axis: 800"/min Y, Z axis: 300"/min W axis: 50"/min A Axis: 2600°/min
Electrical Requirement -	Control: 220 VAC, 20 amp 1ph Torch: as per Hypertherm selection
Air Requirement -	Control: 640 SCFH *with chiller Torch: 460 SCFH *for Hypertherm 105
Installation Dimensions -	WxHxL: 12' x 8" x 48' for 24' stock and a 20' finish workpiece. *Larger material handling will require additional space.
Machine Unit Dimensions -	27.5' x 8' x 7'
Machine Unit Weight -	4,400lbs
CNC Type -	Centroid
CPU -	64 bit
Display Screen -	Dual 20" LED
Number of Control Axes -	5
Servo System -	Closed Loop Servo
Program Input System -	Conversational, G-Code, or CAD-CAM

*Specifications may change with selected options