

METALWORKER



Purpose-Built - High Performance Cutting

METALWORKER

Purpose Built Solution

Optimized for Large Sheet Metal Fabrication



METALWORKER comes loaded with standard high-performance features optimized to cut Aluminum, Copper, Zinc, Metal Composites, Mild Steels and Stainless Composite. A rigid frame and large stress relieved gantry reduced tool motor vibrations and provides fantastic edge quality.



AAG MOVE™ - The Industry's Most Intuitive Operator Control Interface

MOVE™ drives all machine tasks and is designed to optimize the operation of your CNC machine. Perform tool changes, set up your work offsets, call up a new file, or optimize your cut speed. MOVE™ makes machine operation easy.



METALWORKER

PURPOSE-BUILT - HIGH PERFORMANCE CUTTING

METALWORKER is built on the need for a high-performance cutting system that delivers results while pushing the boundaries of creativity and manufacturing excellence. Thanks to an elegant user interface and robust construction, productivity breaks through tradition with high-end finishes achievable at top cutting speeds.



METALWORKER is for metal fabricators who need to cut material at high speeds while producing high quality finishes. It is a purpose-built CNC solution that delivers high-speed cutting performance thanks to robust all-welded steel frame and gantry, a high spec drive system and an exclusive CNC control interface.

While our competitors build machines that are not exclusively designed for the metal industry. Their products incorporate a blend of other applications that do not prioritize the needs of metal fabricators.



Options



Spindle Options

Spindle options include 5, 10 & 15 horsepower with ISO and HSK type tool holders. Choose High Torque low RPM spindles or high speed devices running at 40,000 RPM



Mink Rotary Claw Pump

An ideal high-performance solution for powerful vacuum hold down. Delivers a constant vacuum and is therefore suitable for use in a variety of applications.



High-Capacity Pressure Foot

The high-capacity pressure foot integrates with any dust-extraction system for efficient debris removal, resulting in faster, safer processing



Tool Changer

Automatic tool changes saves time and money. Choose from either 7,10, 14 or 21 position tool changer



Pop-Up Location Pins

An innovative feature pneumatically activated to allow fast and repeatable placement of cutting materials onto the machine



Unist Mister

For cutting non-ferrous metals, this mister provides a continuous output of a micro-fine lubricant mist, providing improved cut finish and longer tool life

Product Specifications

Model	4000 Series	5000 Series	6000 Series
Cutting Envelope	60" x 48"	72" x 120"	85" x 120"
Cutting Envelope	60" x 96"	72" 144"	85" x 144"
Cutting Envelope	60" x 120"	72" x 168"	
Cutting Evelope	60" x 144"	Custom sizes available	
Gantry Clearance	6" and 8"		
Drive System Type (X & Y Axis)	Direct-Drive Servo Motors with Built-in Encoders		
Drive System Type (Z - Axis)	Ballscrew Driven by Servo Motors with Built-in Encoders		
X, Y Axis Traverse Speed (Per Minute)	3000" (76.2m)		
Z Axis Traverse Speed (Per Minute)	500" (12.7m)		
Vacuum Table Type	Aluminum T-Slot		
Control System	AXYZ MOVE HMI		
CNC Controller	Omron CK3E - EtherCat		
Operator Machine Interface	22" All-In-One Industrial Touch Screen with Operator Pendant		
Air Requirements	100 PSI		
Power Requirements	208-230V 3 Phase / 440-460V (3 Phase)		