OMAX®
A Hypertherm Associates Brand

OMAX Product Comparison Guide

Standard features & capabilities

	OptiMAX	OMAX	MAXIEM	GlobalMAX
Cutting				
Product description	Exact. Tough. Optimized.	Power. Performance. Precision.	Versatility. Speed. Reliability.	Essential. Reliable. Value.
5-Axis	TiltaJET, VersaJET	TiltaJET, VersaJET	VersaJET	
6-Axis	Rotary	Rotary		
Cutting nozzle	MAXJET 5i	MAXJET 5i	MAXJET 5i	GlobalMAX
Cutting bed sizes	22' 8" x 11' 11" to 32' 8" x 12' 11	2'2" x 2'2" to 46'8" x 13'4"	5'2" x 5'2" to 20'6" x 10'2"	2'7" x 5'0" to 13'3" x 6'8"
Cutting bed weight capacity	400 lbs/sq ft	400 lbs/sq ft	300 lbs/sq ft	100 lb/sq ft
Ballbar circularity	±0.003"	±0.0025" to ±0.005"	±0.005"	±0.007"
Drive system				
	IntelliTRAX	IntelliTRAX	IntelliTRAX	Omega Drive
Taper compensation				
	TiltaJET, VersaJET	TiltaJET, VersaJET	VersaJET	
Software				
	IntelliMAX Premium	IntelliMAX Premium	IntelliMAX Premium	IntelliMAX Global
Pump options				
EnduroMAX 5-Series	30, 40, 50 HP			
EnduroMAX		30, 40, 50, 100 HP	30, 40, 50 HP	
MAXIEM			20, 30, 40 HP	
GlobalMAX				10, 20, 30 HP
DynaMAX	15, 30, 50, 75, 100 HP	15, 30, 50, 75, 100 HP	15, 30, 50 HP	

Accessory compatibility

Cutting heads & related accessories				
Motorized Z	Included	Included	Included	Included
TiltaJET	Optional	Optional		
VersaJET	Optional	Optional	Optional	
Vacuum Assist		Optional	Optional	
Pneumatic drill	Optional	Optional	Optional	Optional
Terrain Follower	Optional	Optional	Optional	Optional
Precision Optical Locator	Optional	Optional		
Laser Feature Finder	Optional	Optional	Optional	Optional
Rotary Axis	Optional	Optional		
Abrasive handling				
Solids Removal System	Optional	Optional	Optional	
Bulk Abrasive Hopper	Included	Included/Optional	Optional	Optional
Water handling				
Laminar Filter	Optional	Optional	Optional	
Rapid Water Level Control	Included	Included	Optional	
Water Recycling System	Optional	Optional	Optional	
RO System	Optional	Optional	Optional	Optional
Swivel Plumbing	Optional	Included	Included/Optional	

Software features & capabilities

	OptiMAX	OMAX	MAXIEM	GlobalMAX
Software				
	IntelliMAX Premium	IntelliMAX Premium	IntelliMAX Premium	IntelliMAX Global
General Features				
Included Seats	Unlimited	Unlimited	2	2
Updates	Free for duration of machine ownership	Free for duration of machine ownership	Free for one year	Free for one year
Number of axis supported	8	8	5	3
Z axis programming	Yes	Yes	Yes	
File support				
Number of CAD files supported	60+	60+	60+	6
Number of raster files supported	50+	50+	50+	50+
Productivity tools				
Shape generation tools	Parametric, gear, bolt circle tool	Parametric, gear, bolt circle tool	Parametric, gear, bolt circle tool	
Corner passing optimization	Yes	Yes	Yes	
IntelliPIERCE optimization	Yes	Yes	Yes	Some
Custom "Homes"	100	100	100	1
Reports	Multiple templates, custom options	Multiple templates, custom options	Multiple templates, custom options	1
Job cost estimating tools	Yes	Yes	Yes	Yes
Stack height calculator	Yes	Yes	Yes	
In-software applications				
IntelliETCH	Yes	Yes	Yes	
IntelliTRACE	Yes	Yes	Yes	Yes
IntelliVISOR	Expanded with additional sensors	Expanded with additional sensors	Standard	
IntelliCAM	Yes	Yes	Optional	

For more information, visit: www.omax.com

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