

PRODUCT COMPARISON GUIDE

STANDARD FEATURES AND CAPABILITIES



CUTTING

Product Description	Maximum capability with the widest accessory compatibility.	Configured for your business with broad accessory compatibility.	Value abrasive waterjet with essential accessory compatibility.	The first high performance, personal abrasive waterjet.
3-Axis	Motorized Z	Motorized Z	Motorized Z	Manual Z
5-Axis	A-Jet, Tilt-A-Jet	A-Jet		
6-Axis	Rotary Axis with A-Jet, Tilt-A-Jet			
Cutting Nozzle	MAXJET 5i	MAXJET 5i	GlobalMAX Nozzle	ProtoMAX Nozzle
Cutting Bed Sizes	0.73 m x 0.66 m to 14.2 m x 4.0 m	0.79 m x 0.77 m to 6.2 m x 3.1 m	0.80 m x 1.5 m to 4.0 m x 2.0 m	0.3 m x 0.3 m
Cutting Bed Weight Capacity	1,950 kg/sq meter	1,465 kg/sq meter	488 kg/sq meter	244 kg/sq meter
Ballbar Circularity	±0.064 mm to ±0.127 mm	±0.127 mm	±0.178 mm	±0.406 mm

DRIVE SYSTEM

	Intelli-TRAX Drive, Patented Linear Drive	Intelli-TRAX Drive, Patented Linear Drive	Proprietary Omega Drive	Lead Screw Drives
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TAPER COMPENSATION

	Tilt-A-Jet & A-Jet	A-Jet		
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SOFTWARE

	Intelli-MAX Premium	Intelli-MAX Standard	Intelli-MAX Global	Intelli-MAX Proto
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PUMP

Standard Options	30HP EnduroMAX	20HP MAXIEM Direct Drive	10HP GlobalMAX Direct Drive	5 HP ProtoMAX Direct Drive
	40HP EnduroMAX	30HP MAXIEM Direct Drive	20HP GlobalMAX Direct Drive	
	50HP EnduroMAX	40HP MAXIEM Direct Drive	30HP GlobalMAX Direct Drive	
	100HP EnduroMAX	(EnduroMAX Optional)		

ACCESSORY COMPATIBILITY

CUTTING HEADS & RELATED ACCESSORIES

Motorized Z	Included	Included	Included	
Tilt-A-Jet	Optional			
A-Jet	Optional	Optional		
Vacuum Assist	Optional	Optional		
Pneumatic Drill	Optional	Optional	Optional	
Terrain Follower	Optional	Optional	Optional	
Precision Optical Locator	Optional			
Laser Feature Finder	Optional	Optional	Optional	
Rotary Axis	Optional			

ABRASIVE HANDLING

Solids Removal System	Optional	Optional		
Bulk Abrasive Hopper	Optional	Optional	Optional	

WATER HANDLING

Laminar Filter	Optional	Optional		
Rapid Water Level Control	Included	Optional		
Water Recycling System	Optional	Optional		
RO System	Optional	Optional	Optional	
Swivel Plumbing	Included	Optional		

SOFTWARE COMPARISON GUIDE

STANDARD FEATURES AND CAPABILITIES



SOFTWARE				
Standard Software For	OMAX	MAXIEM	GlobalMAX	ProtoMAX
Optional Software For	MAXIEM			

GENERAL FEATURES				
Included Seats	Unlimited	2	2	Unlimited
Updates	Free for duration of machine ownership	Free for one year	Free for one year	Free for duration of machine ownership
Number of Axis Supported	8	5	3	2
Z Axis Programming	Yes	Yes		

FILE SUPPORT				
Number of CAD Files Supported	60+	6	6	6
Number of Raster Files Supported	50+	50+	50+	50+

PRODUCTIVITY TOOLS				
Shape Generation Tools	Parametric, gear, bolt circle tool	Gear	Gear	Gear
Corner Passing Optimization	Yes			
Intelli-Pierce Optimization	Yes	Some	Some	
Custom "Homes"	100	1	1	1
Reports	Multiple templates, custom option	One template	One template	
Job Cost Estimating Tools	Yes	Yes	Yes	
Stack height calculator	Yes			

IN SOFTWARE APPLICATIONS				
Intelli-ETCH	Yes	Yes*		
Intelli-TRACE	Yes	Yes	Yes	Yes
Intelli-VISOR	Yes	Yes		
Intelli-CAM	Yes	Sold Separately		

*Must be a MAXIEM Gen 2 w/Intelli-MAX Premium



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ISO 9001:2015 Certified

OMAX CORPORATION

WWW.OMAX.COM

21409 72nd Avenue South

Kent, WA 98032

TEL 1-253-872-2300 / 1-800-838-0343

Specifications subject to change without notice.

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