

AUTOMATION

Ultra-Cut™ 300 High Precision Plasma Cutting System

1-1/4" (35mm) Production Capacity

1-1/2" (40mm) Max. Pierce Capacity

3" (75mm) Edge Start Capacity

	Thermal Dynamics®	Hypertherm®	
Competitive Comparison	Ultra-Cut 300	HPR260	Ultra-Cut 300 Advantages
Output Range	10-300 Amps	10-260 Amps	True Widespread Cutting Range
Production Capacity	1-1/4" (35mm)	1-1/4" (35mm)	
Max Piercing Capacity	1-1/2" (40mm)	1-1/4" (35mm)	
Edge Start Capacity	3" (75mm)	2-1/2" (65mm)	Highest Edge Start in it's Class
Cut Speed @ 1/2" - Max Current	145 IPM	145 IPM	
Cut Speed @ 3/4" - Max Current	95 IPM	90 IPM	Highest Cut Speed in it's Class
Cut Speed @ 1" - Max Current	75 IPM	65 IPM	Highest Cut Speed in it's Class
Cut Speed @ 1-1/4" - Max Current	50 IPM	45 IPM	
Oxygen Plasma Capability	Yes	Yes	
Water Mist Secondary	Yes	No	Excellent results cutting Stainless Steel and Aluminum
Marking Capability	Yes	Yes	
Input Voltage	208-230/460V ±10%, 3ph, 50/60 Hz 400V ±10%, 3ph, 50/60 Hz 600V ±10%, 3ph, 50/60 Hz	200/208/220/240/380/415/ 480/600V, 3ph, 50/60 Hz	
Power Source	Inverter	Chopper	
Duty Cycle	100% @ 300A @ 180 VDC	100% @ 260A @ 175 VDC	Highest kW Output
Torch Cooling	Liquid	Liquid	
Arc Starting	HF/DC Pilot	HF / DC Pilot	Uninterrupted Arc Starting, Excellent for Expanded Metal Cutting
Auto Pilot Restart (expanded metal)	Yes	Yes	
Tip Saver Circuit	Yes	No	Better Parts Life
Over Voltage Protection	Yes	Yes	
Amperage Adjustment	Variable	Variable	
Torch Model	XT™-300		XT™ Technology
Dimensions	H 53.1" (1293mm) W 27.5" (700mm) L 38.5" (978mm)	H 45.1" (1079mm) W 32.1" (566mm) L 46.7" (967mm)	Smaller Footprint
Weight	535 lbs. (243 kg)	1250 lbs. (567 kg)	Less Weight
Warranty (Power Supply)	2 Years	2 Years	

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*Not Available in the U.S.