

THERMAL DYNAMICS

AUTOMATION

Auto-Cut™ 200₂ Automated Plasma Cutting System

1" (25mm) Production Capacity

1.25" (32mm) Max Pierce Capacity

2" (50mm) Edge Start Capacity

Competitive Comparison	Thermal Dynamics®	Hypertherm®	Kjellberg®	Auto-Cut 200 ₂ Advantages
	Auto-Cut 200 ₂	HySpeed® HT2000®	*FineFocus® 800	
Output Range	10-200 Amps	40-200 Amps	80-300 Amps	True Widespread Cutting Range
Production Capacity	1" (25mm)	1" (25mm)	1" (25mm)	
Max Piercing Capacity	1.5" (38mm)	1.5" (38mm)	1" (25mm)	
Edge Start Capacity	2" (50mm)	2" (50mm)	2-1/4" (60mm)	
Cut Speed @ 3/8" & Max Current	160 IPM	140 IPM	161 IPM	Fastest Cut Speed Available In Its Class (200A)
Cut Speed @ 1/2" & Max Current	125 IPM	120 IPM	15mm @ 125 IPM	Fastest Cut Speed Available In Its Class (200A)
Cut Speed @ 3/4" & Max Current	80 IPM	75 IPM	78 IPM	Fastest Cut Speed Available In Its Class (200A)
Cut Speed @ 1" & Max Current	55 IPM	50 IPM	59 IPM	Fastest Cut Speed Available In Its Class (200A)
Cut Speed @ 1-1/4" & Max Current	30 IPM	22 IPM	30mm @ 47 IPM	Fastest Cut Speed Available In Its Class (200A)
Oxygen Plasma Capability	Yes	Yes	Yes	Excellent Parts Life With Oxygen Plasma
Water Mist Secondary	Yes	No	No	Best Quality Cutting on Non-Ferrous Materials
Input Voltage	208-230/460 VAC 400 VAC, 600 VAC ±10%, 3ph, 50/60 Hz	200, 208, 220, 240, 380, 415, 480 or 600 VAC 3ph, 50/60 Hz	400 VAC, 3ph, 50 Hz	
Power Source	Inverter	Chopper	Chopper	
Duty Cycle	100% @ 200A @ 180 VDC	100% @ 200A @ 150 VDC	100% @ 300A	Highest kW output @ 200A
Torch Cooling	Liquid	Liquid	Liquid	
Arc Starting	HF / DC Pilot	HF / DC Pilot	HF / DC Pilot	
Auto Pilot Restart (expanded metal)	Yes	Yes	Yes	
Tip Saver Circuit	Yes	No	No	Best Parts Life In Its Class
Over Voltage Protection	Yes	Yes	Yes	
Amperage Adjustment	Variable	Variable	Variable	
Torch Model	XT™-301	HySpeed HT2000	PB-S77W	
Dimensions	H 48.75" (1238mm) W 27.50" (700mm) L 38.50" (978mm)	H 35" (1040mm) W 28" (710mm) L 41" (1090mm)	H 59" (1025mm) W 34" (711mm) L 54" (970mm)	Smaller Footprint
Weight	433 lbs. (197 kg)	780 lbs. (350 kg)	1235 lbs. (556 kg)	Less Weight
Warranty (Power Supply)	2 Years	2 Years	2 Years	

* Not available in the U.S.

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