

AUTOMATION

Auto-Cut™ 200 Automated Plasma Cutting System

1" (25mm) Production Capacity

1.25" (32mm) Max Pierce Capacity

2" (50mm) Edge Start Capacity

Competitive Comparison	Thermal Dynamics® Auto-Cut 200	Hypertherm® <i>MAX® 200</i>	ESAB® <i>ESP®-200</i>	ESAB® <i>ESP®-150</i>	Kjellberg® <i>*FineFocus® 450</i>	Auto-Cut 200 Advantages
Output Range	10-200 Amps	40-200 Amps	50-200 Amps	25-150 Amps	10-130 Amps	True Widespread Cutting Range
Production Capacity	1" (25mm)	1" (25mm)	1" (25mm)		1/2" (12mm)	
Max Piercing Capacity	1.25" (32mm)	1" (25mm)	1" (25mm)			
Edge Start Capacity	2" (50mm)	2" (50mm)	2" (50mm)	2" (50mm)	1-1/2" (44mm)	
Cut Speed @ 3/8" & Max Current	130 IPM	105 IPM	100 IPM	90 IPM	63 IPM	Fastest Cut Speed Available
Cut Speed @ 1/2" & Max Current	100 IPM	85 IPM	95 IPM	60 IPM	70 IPM	
Cut Speed @ 3/4" & Max Current	60 IPM	55 IPM	65 IPM	40 IPM	47 IPM	
Cut Speed @ 1" & Max Current	35 IPM	35 IPM	35 IPM	20 IPM		
Oxygen Plasma Capability	Yes	Yes	Yes	Yes	Yes	Oxygen Capability
Water Mist Secondary	Yes	No	No	No	No	Best Quality @ Non-Ferrous
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	200, 230, 380, 415, 460, 575 VAC 3 ph, 50/60 Hz	230/460/575, VAC, 60 Hz 220/380/415, VAC, 50 Hz 3 ph	400V, 3ph, 50 Hz	
Power Source	Inverter	Chopper	Inverter	Chopper	Chopper	
Duty Cycle	100% @ 200A @ 160 VDC	100% @ 200A @ 150 VDC	100% @ 200A @ 160 VDC	90% @ 150A @ 140 VDC	75% @ 130A	
Torch Cooling	Liquid	Liquid	Liquid	Liquid	Liquid	
Arc Starting	Capacitive Discharge Pulsed DC	HF / DC Pilot	HF / DC Pilot	HF / DC Pilot	HF / DC Pilot	
Auto Pilot Restart (expanded metal)	Yes	Yes	Yes	Yes	Yes	
Tip Saver Circuit	Yes	No	No	No	No	Better Parts Life
Over Voltage Protection	Yes	Yes	No	No	Yes	
Amperage Adjustment	Variable	Variable	Variable	Variable	Variable	
Torch Model	XT™-301	Max® 200 / HT2000®	PT-19XLS	PT-19XL	PerCut 100	
Dimensions	H 48.75" (1238mm) W 27.5" (700mm) L 38.5" (978mm)	H 41.0" (1040mm) W 28.0" (710mm) L 43.0" (1090mm)	H 44" (671mm) W 22" (427mm) L 42" (655mm)	H 22" (902mm) W 32" (559mm) L 40" (610mm)	H 40" (1025mm) W 28" (711mm) L 38" (970mm)	
Weight	487 lbs. (221 kg)	780 lbs. (350 kg)	725 lbs. (330 kg)	756 lbs. (308 kg)	(251 kg)	
Warranty (Power Supply)	2 Years	2 Years	3 Years	3 Years	2 Years	

* Not available in the U.S.

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