

# THERMAL DYNAMICS Ultra-Cut™ 200 High Precision Plasma Cutting System

**AUTOMATION**

1" (25mm) Production Capacity

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

2-1/2" (62mm) Edge Start Capacity

	<b>Thermal Dynamics®</b>	<b>Hypertherm®</b>	<b>InnerLogic®</b>	<b>Kjellberg®</b>	
<b>Competitive Comparison</b>	<b>Ultra-Cut 200</b>	<b>HPR130</b>	<b>FineLine® 200</b>	<b>*HiFocus® 160i</b>	<b>Ultra-Cut 200 Advantages</b>
<b>Output Range - (Amps)</b>	10-200	15-130	15-200	10-160	True Widespread Cutting Range
<b>Production Capacity - Inches (mm)</b>	1.000 (25)	.590 (15)	1.000 (25)	1.000 (25)	
<b>Max Piercing Capacity - Inches (mm)</b>	1.500 (40)	1.000 (25)	1.000 (25)	1.000 (25)	
<b>Edge Start Capacity - Inches (mm)</b>	2.500 (62)	1.500 (38)	2.000 (50)	2.000 (50)	
<b>Cut Speed @ 3/8" &amp; Max Current - ipm</b>	140	110	140	105	Highest Cut Speed in its Class
<b>Cut Speed @ 1/2" &amp; Max Current - ipm</b>	115	80	110	94	Highest Cut Speed in its Class
<b>Cut Speed @ 3/4" &amp; Max Current - ipm</b>	65	45	65	55	
<b>Oxygen Plasma Capability</b>	Yes	Yes	Yes	Yes	
<b>Water Mist Secondary</b>	Yes	No	No	No	Excellent on S.S. and Aluminum
<b>Marking Capacity</b>	Yes	Yes	Yes	Yes	
<b>Input Voltage - (Volts, Phase, Hz)</b>	130A @ 208V, 125A @ 230V 77A @ 400V, 75A @ 460V, 78A @ 600V	200/208/220/240/380/415 480/600V, 3ph, 50/60Hz	208V, 3ph, 60Hz 230V, 3ph, 60Hz 380V, 3ph, 50Hz 415V, 3ph, 50Hz 600V, 3ph, 60Hz	400V, 3ph, 50 Hz	
<b>Power Source</b>	Inverter	Chopper	Chopper	Inverter	
<b>Duty Cycle</b>	100% @ 200A @ 180 VDC	100% @ 130A @ 150VDC	100% @ 200A @ 175 VDC	100% @ 160A @ 160 VDC	Highest kW Output
<b>Torch Cooling</b>	Liquid	Liquid	Liquid	Liquid	
<b>Arc Starting</b>	CD, Pulsed DC	HF/ DC Pilot	HF / DC Pilot	HF/ DC Pilot	
<b>Auto Pilot Restart (expanded metal)</b>	Yes	Yes	Yes	Yes	
<b>Tip Saver Circuit</b>	Yes	No	No	No	Better Parts Life
<b>Over Voltage Protection</b>	Yes	Yes	Yes	Yes	
<b>Amperage Adjustment</b>	Variable	Variable	Variable	Variable	
<b>Torch Model</b>	XT™-300	PAC 186	FineLine Torch	PerCut 160	XT™ Technology
<b>Dimensions (H x W x L) - Inches (mm)</b>	41.5 x 27.5 x 38.5 (1054 x 700 x 978)	42.5 x 22.3 x 38.1 (1079 x 566 x 967)	48 x 30 x 43 (1219 x 762 x 1092)	37.4 x 21.2 x 41.3 (950 x 540 x 1050)	
<b>Weight - lbs (kg)</b>	433 (197)	700 (317)	700 (317)	431 (196)	Light Weight
<b>Warranty (Power Supply)</b>	2 Years	2 Years	3 Years	2 Years	

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Form No. 63-2802 (3/6/08)