

Automated Plasma Cutting

CUTMASTER® A80

**1/2" (12mm)
PRODUCTION
CUT**

**80%
DUTY CYCLE**

**Air
PLASMA**

**100A
MAXIMUM
OUTPUT**

Specifications

(subject to change without notice)

Rated Output	80A
Output Range (A)	20 - 100 Amps, Adjustable
Production Piercing and Cutting Capacity	1/2" (12mm)
Maximum Piercing and Cutting Capacity	3/4" (20mm)
Maximum Edge Start	1 1/4" (30mm)
Input Volts	208-230/460V, 1/3ph, 50/60 Hz, 400V, 3 ph, 50/60 Hz, 600V, 3 ph, 60 Hz
Input Amps @ Max Output	1 ph, 208V-90 Amps 3 ph, 208V-52 Amps 1 ph, 230V-85 Amps 3 ph, 230V-45 Amps 3 ph, 460V-57 Amps 3 ph, 460V-27 Amps
Kilowatt Output	12 kW
Duty Cycle	80% @ 80 Amps
MAX OCV	260 VDC
Gas Type	Air @75 psi (5.2 bar) @6.7cfm (189 lpm) Start Cartridge
Pilot	Start Cartridge
Weight	63 lbs. (28.6kg) - Unit, Power Cable, Torch and Leads
Dimensions	H 13.5" (343mm) x W 9.75" (248mm) x L 26" (660mm)
Work Cable	20' (6.1m)
Control	CNC rear panel connector, Start/Stop and OK to move
Input Power Cable	10' (3m) with plug (208/230V) 6' (2m) without plug (400V)
Warranty	Four Years Power Supply & One Year Torch
Certifications	IP-23C, CSA, NTRL/C, CE, CCC
Torch Configuration	
Torch	SL100®SV w/ATC®, 180° Automation



Ordering Information

Product Description	208-230V, 1ph	460V, 1/3 ph	Other
Cutmaster A80 with SL100®SV 180° Machine Torch, 25ft. (7.6m) Lead*	1-1334-1	1-1334-2	1-1334-V
Cutmaster A80 with SL100SV 180° Machine Torch, 35ft. (10.7m) Lead*	1-1336-1	1-1336-2	1-1336-V
Cutmaster A80 with SL100SV 180° Machine Torch, 50ft. (15.2m) Lead*	1-1335-1	1-1335-2	1-1335-V

*Systems include Power Supply, Automation Torch with 1 3/8" (35mm) Diameter Non-Metallic Mounting Tube / 32 Pitch Rack (Detachable), Pinch Block Assembly, V (Voltage): 3 = 400V 3ph, 4 = 400V 3ph CE, 5 = 600V CNC Interface Cable, Spare Parts Kit, Input Power Cable (selected systems), Work Cable and Clamp