

FINELINE[®] 300HD

HIGH DEFINITION PLASMA CUTTING SYSTEM



Shown:
 FineLine 300HD Power Source
 FineLine Arc Start Console
 FineLine Gas Controller
 Magnum[®] PRO LC300M Plasma Straight Torch w/ handle and torch leads

DESIGNED TO MAXIMIZE CUT QUALITY

When it comes to maintaining a competitive automated plasma cutting operation, maximizing output and productivity is essential. Whether the material is a flat plate, structural beam, or pipe, the FineLine High Definition Plasma Cutting System delivers excellent cut quality. If you're planning to stay ahead of the game, you need quality cuts, a fast production rate, and a low cost the first time, every time. You need a FineLine Plasma Cutting System from Lincoln Electric.

Processes »
 Plasma Cutting & Marking

Cutting Type »
 Mechanized Cutting

- Applications »**
- Steel Fabrication
 - Pipe Cutting
 - Structural Steel Fabrication
 - Automotive/Transportation
 - Maintenance and Repair
 - Shipbuilding
 - Steel Service Center

Output »



Input »



FineLine Gas
Controller



FineLine Arc
Start Console



FineLine 300HD

CUT CAPACITY inches [mm]	
Mild Steel-	Production Capacity ^[1] Maximum Cutting Capacity ^[2]
	1.75 [45] 3 [75]
Stainless Steel-	Production Capacity ^[1] Maximum Cutting Capacity ^[2]
	1.25 [32] 2 [50]
Aluminum-	Production Capacity ^[1] Maximum Cutting Capacity ^[2]
	1 [25] 2 [50]
INPUT POWER: VOLTAGE/PHASE/HERTZ	
	FineLine Power Supply FineLine CE Power Supply
	380-415/460/575v/3Ph/50/60Hz 380-415/3Ph/50/60Hz
RATED OUTPUT: CURRENT/VOLTAGE/DUTY CYCLE	300/210/100%
INPUT CURRENT @ RATED OUTPUT	
	FineLine Power Supply FineLine CE Power Supply
	3PH/100%/123/108/95 3PH/100%/123
OUTPUT RANGE	20-300A
INLET GAS PRESSURE	105-145 PSI [7.6-10 Bar]
CUTTING GAS	
Mild Steel-	Oxygen/Air, Oxygen/Oxygen
Stainless Steel-	Air/Air, Air/Nitrogen, H17/Nitrogen
Aluminum-	Air/Nitrogen
MARKING GAS	Argon/Air, Nitrogen/Nitrogen
WEIGHT lb [kg]	
FineLine Power Supply	750 [340.2]
FineLine Gas Controller	15.7 [7.12]
FineLine Arc Start Console	43 [19.5]
DIMENSIONS inches [mm]	
FineLine Power Supply	50.40x33x36.93 [1280x838x938]
FineLine Gas Controller	6.51x11.08x7.30 [165x281x185]
FineLine Arc Start Console	10.98x5.29x13.52

[1] Material type and composition can influence dross free performance, [2] Maximum capacity pierce requires the use of precision torch height control

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Subject to Change - This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

The Lincoln Electric Company
22801 St. Clair Avenue · Cleveland, OH · 44117-1199 · U.S.A.

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