

FINELINE[®] 170HD & 300HD

HIGH DEFINITION PLASMA CUTTING SYSTEMS



Shown:
 FineLine 170HD and 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 170HD



FineLine 300HD

CUT CAPACITY inches [mm]		
Mild Steel-	Production Capacity ^[1] Maximum Cutting Capacity ^[2]	1.25 [30] 2 [50]
Stainless Steel-	Production Capacity ^[1] Maximum Cutting Capacity ^[2]	1 [25] 1.5 [40]
Aluminum-	Production Capacity ^[1] Maximum Cutting Capacity ^[2]	.75 [20] 1.5 [40]
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		170/210/100% 300/210/100%
INPUT CURRENT @ RATED OUTPUT	FineLine Power Supply FineLine CE Power Supply	3PH/100%/69/58/53 3PH/100%/69
OUTPUT RANGE		20-170A 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		700 [318] 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

CUSTOMER ASSISTANCE POLICY

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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.

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