

FINELINE[®] 170HD

HIGH DEFINITION PLASMA CUTTING SYSTEM



Shown:
 FineLine 170HD 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

CUT CAPACITY inches (mm)	
Mild Steel- Production Capacity ^[1]	1.25 [30]
Maximum Cutting Capacity ^[2]	2 [50]
Stainless Steel- Production Capacity ^[1]	1 [25]
Maximum Cutting Capacity ^[2]	1.5 [40]
Aluminum- Production Capacity ^[1]	.75 [20]
Maximum Cutting Capacity ^[2]	1.5 [40]
INPUT POWER: VOLTAGE/PHASE/HERTZ	
FineLine Power Supply	380-415/460/575v/3Ph/50/60Hz
FineLine CE Power Supply	380-415/3Ph/50/60Hz
RATED OUTPUT: CURRENT/VOLTAGE/DUTY CYCLE	170/210/100%
INPUT CURRENT @ RATED OUTPUT	
FineLine Power Supply	3PH/100%/69/58/53
FineLine CE Power Supply	3PH/100%/69
OUTPUT RANGE	20-170A
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]
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.

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