

SPIRIT® II 150

FINELINE™ HIGH DEFINITION PLASMA CUTTING TECHNOLOGY



Spirit II 150 shown with Automatic Gas Console (AGC) configuration



KEY FEATURES

The Spirit® II series plasma cutting power sources with FineLine™ High Definition Plasma Cutting Technology delivers the best cut quality in the industry. Our combination of patented processes, torch and consumable design ensures a precise gas flow that creates a consistent shape in the plasma arc.

Exceptional pierce, cut and marking capabilities, virtually dross free, with high definition edge quality of 2 degrees or less of a cut edge bevel

Designed to use up to 78% less plasma gas than the competition for lower operating costs

Robust design components with rigorous manufacturing and testing standards for exceptional product reliability and productivity

Processes »

Plasma Cutting and Marking

Output »

150A DC @ 100% Duty Cycle

Product Number »

See literature E15.17

Cutting Capacity

| Type | Production Pierce | Max. Thickness Edge Start with Dross |
|------------|-------------------|--------------------------------------|
| Mild Steel | 1.25 (32 mm) | 1.50 in. (38 mm) |

OPERATING DATA

| Mild Steel | | | |
|------------|--------------------|--------------------|--|
| Amp | Thickness in. (mm) | Speed ipm (m/min.) | Gas |
| 30 | 0.036 (1.0) | 105 (2.615) | O ₂ Plasma O ₂ Shield |
| | 0.075 (2.0) | 65 (1.615) | |
| | 0.135 (3.0) | 40 (1.285) | |
| 50 | 0.075 (2.0) | 200 (4.885) | O ₂ Plasma Air Shield |
| | 0.125 (3.0) | 180 (4.660) | |
| | 1/4 (6.0) | 75 (2.075) | |
| 70 | 0.125 (3.0) | 190 (4.995) | |
| | 1/4 (5.0) | 120 (3.265) | |
| | 3/8 (6.0) | 75 (3.105) | |
| 100 | 1/4 (6.0) | 150 (3.950) | |
| | 1/2 (12.0) | 65 (1.850) | |
| | 3/4 (20.0) | 35 (0.800) | |
| 150 | 1/4 (6.0) | 165 (4.305) | |
| | 1/2 (12.0) | 90 (2.485) | |
| | 1 (25.0) | 40 (1.040) | |
| | 1-1/4 (32.0) | 25 (0.625) | |
| | 1-1/2 (38.0)* | 15 (0.385) | |
| Aluminum | | | |
| 30 | 0.040 (1.0) | 150 (3.885) | Air Plasma N ₂ Shield |
| 50 | 0.080 (2.0) | 90 (2.360) | |
| 70 | 0.080 (2.0) | 250 (6.400) | |
| | 3/16 (5.0) | 80 (1.920) | |
| | 1/2 (12.0) | 30 (0.820) | |
| 100 | 1/4 (6.0) | 105 (2.710) | |
| | 3/8 (10.0) | 90 (2.210) | |
| | 1/2 (12.0) | 70 (1.890) | |
| 150 | 1/4 (6.0) | 145 (3.770) | |
| | 1/2 (12.0) | 90 (2.430) | |
| | 3/4 (20.0) | 45 (0.990) | |

| Stainless Steel | | | |
|-----------------|--------------------|--------------------|-------------------------------------|
| Amp | Thickness in. (mm) | Speed ipm (m/min.) | Gas |
| 30 | 0.036 (1.0) | 200 (4.855) | Air Plasma Air Shield |
| | 0.075 (2.0) | 90 (3.260) | |
| 50 | 0.075 (2.0) | 105 (2.565) | Air Plasma N ₂ Shield |
| | 0.120 (3.0) | 65 (1.685) | |
| 70 | 1/4 (6.0) | 40 (1.075) | |
| | 0.135 (3.0) | 120 (3.210) | |
| 100 | 3/8 (6.0) | 50 (2.050) | |
| | 1/2 (12.0) | 80 (1.935) | |
| 150 | 1/2 (12.0) | 55 (1.540) | |
| | 1/4 (6.0) | 150 (3.910) | |
| | 3/4 (20.0) | 85 (2.330) | |
| 70 | 3/16 (5.0) | 45 (1.030) | H17 Plasma N ₂ Shield |
| 100 | 1/4 (6.0) | 80 (2.030) | |
| 150 | 1/4 (6.0) | 100 (2.625) | |
| 150 | 1/2 (12.0) | 60 (1.610) | H17 Plasma N ₂ Shield |
| | 3/4 (20.0) | 40 (0.940) | |

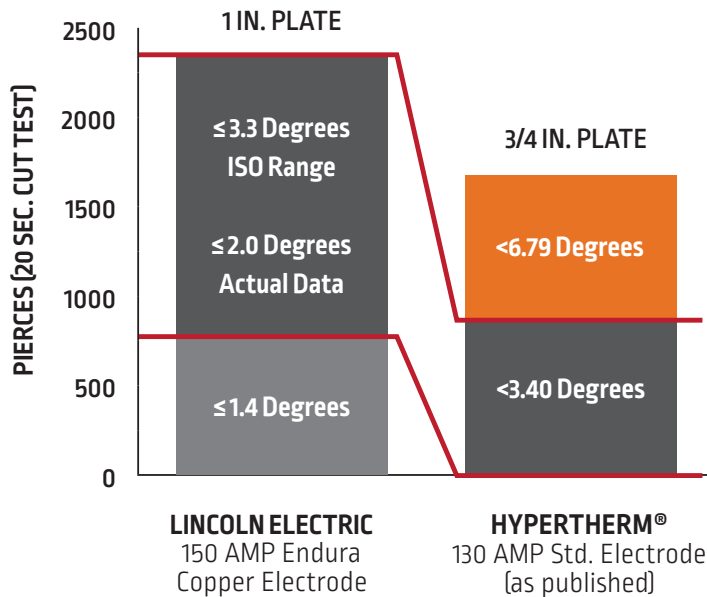
* Requires edge start or moving pierce

CUT QUALITY OVER CONSUMABLE LIFE



Spirit II 150 » 150A, 3/8 in. (10 mm) Mild Steel

Based on testing performed in lab conditions in 2014



CUSTOMER ASSISTANCE POLICY

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