

PLASMA CUTTING SYSTEM

EX-TRAFIRE® 55SD

BEST IN CLASS



CUTTING
CURRENT
55 A

CUTTING MAX.
30 mm +

LIGHTWEIGHT
11.8 kg

CUTS METAL. AND COSTS.

The particularly powerful **EX-TRAFIRE® 55SD** plasma cutting system offers businesses and operators a number of many advantages!

EXTRA PERFORMANCE



- + Cutting, grid mode
- + Precise cuts
- + High duty cycle

HIGHEST APPLICATION FLEXIBILITY



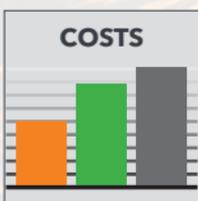
- + Plate thicknesses up to 30 mm +
- + Lightweight, exceptionally portable
- + TCS quick change flexible torch packages
- + Suitable for generator use

SIMPLE OPERATION



- + Intuitive control
- + Protected filter regulator
- + Engineered for professional applications

BEST COST-EFFECTIVENESS



- + Low investment for high performance
- + Enhanced consumable lifetime
- + Reduced costs of ownership

EX-TRAFIRE® 55SD

PLASMA CUTTING SYSTEM.



SPECIFICATION

| | |
|---------------------|--------------------|
| Severance [mm]* | 30+ ⁽¹⁾ |
| Recommended [mm]* | 20 ⁽¹⁾ |
| Piercing [mm]* | 20 ⁽¹⁾ |
| Cutting current [A] | 30-55 |

DUTY CYCLE (40 °C / 170 V)

| | |
|-------|------------------------------|
| 100 % | @ 41 A |
| 60 % | @ 50 A |
| 50 % | @ 55 A |
| 60 % | @ 5 A - 140 V ⁽²⁾ |

OUTPUT (VDC)

| | |
|---------------------|-----|
| Nominal voltage [V] | 170 |
|---------------------|-----|

INPUT

| | |
|-------------------------------|---------------------------------|
| Voltage (VAC) [V/Hz] | 3x400±15 % ⁽³⁾ 50/60 |
| Voltage (VAC) [V/Hz] | 3x220±15 % ⁽³⁾ 50/60 |
| Compressed air flow [lpm/bar] | 100/5.2 |
| Pressure (max.) [bar/psi] | 7/101 |

MACHINE DATA

| | |
|-----------------------|-------------|
| Dimensions W×L×H [mm] | 177x467x229 |
| Weight [kg] | 11.8 |

TORCH (HAND/MACHINE)

| |
|-----------------|
| FHT-EX® 105 RTX |
|-----------------|

Designed to interface with a variety of CNC machines

(1) related to low-alloy steel (mild steel)

(2) @ U1 3x220 VAC

(3) suitable for generator use

THINK FRESH. CUT ORANGE.

THERMACUT® comes up with fresh ideas for cutting technology. Benefit from innovative, reliable, powerful and highly efficient cutting solutions.



Discover the other plasma cutting systems within the **EX-TRAFIRE® SD** family and our wide range of cutting solutions at www.ex-trafire.com.



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follow
#EXTRAFIRE



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