

PLASMA CUTTING SYSTEM

EX-TRAFIRE® 55SD

BEST IN CLASS



CUTTING
CURRENT
55 A
CUTTING MAX.
30 mm +
LIGHTWEIGHT
11.8 kg

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.



SD55_04-2020_EN | Note: Specifications are subject to change without notice. Products may vary from those pictured. Copyright by Thermacut

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WWW.EX-TRAFIRE.COM

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

HIGHEST APPLICATION FLEXIBILITY



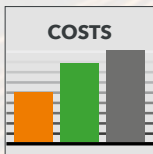
- + Plate thicknesses up to 30 mm +
- + Lightweight, exceptionally portable
- + TCS quick change flexible torch packages
- + Suitable for generator use

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]	10/145

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 3x220VAC

(3) suitable for generator use