

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



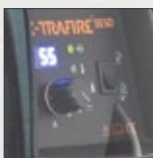
- + Cutting, gouging, grid mode
- + Precise cuts
- + High duty cycle

HIGHEST APPLICATION FLEXIBILITY



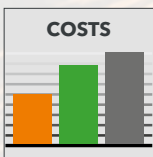
- + Plate thicknesses up to 30 mm +
- + Lightweight, exceptionally portable
- + TCS quick change flexible torch packages
- + Suitable for generator use

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 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.



30H_05-2021_EN | Note: Specifications are subject to change without notice. Products may vary from those pictured. Copyright by THERMACUT®

WWW.THERMACUT.COM
SALES@THERMACUT.CZ

follow
#EXTRAFIRE



THERMACUT®, THE CUTTING COMPANY®, FHT-EX®, EX-TRAFIRE®, EX-TRACK®, EX-TRABEAM® AND EX-TRAFIRE® ARE REGISTERED TRADEMARKS OF THERMACUT, K.S. AND MAY BE REGISTERED IN CZECH REPUBLIC AND/OR OTHER COUNTRIES. ALL OTHER TRADEMARKS ARE PROPERTIES OF THEIR RESPECTIVE OWNERS.