

PLASMA CUTTING SYSTEM

EX-TRAFIRE® 75SD

ENGINEERED
FOR ENDURANCE



CUTTING MAX.
35 mm +
DUTY CYCLE
100% @ 75 A
CUTTING OUTPUT
16.5 kW

WWW.EX-TRAFIRE.COM

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.



SD75_04-2020_EN | Note: Specifications are subject to change without notice. Products may vary from those pictured. Copyright by Thermacut

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#EXTRAFIRE



CUTS METAL. AND COSTS.

The particularly powerful EX-TRAFIRE® 75SD plasma cutting system offers businesses and operators a number of many advantages!

EXTRA PERFORMANCE



- + Cutting, gouging, grid mode
- + Engineered especially for mechanised applications
- + 100% duty cycle, never lets you down

HIGHEST APPLICATION FLEXIBILITY



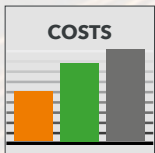
- + Plate thicknesses up to 35 mm +
- + Powerful and lightweight
- + TCS quick change flexible torch packages
- + Suitable for generator use

SIMPLE OPERATION



- + Easy to read, blue LED display
- + Protected filter regulator, easy to adjust
- + Engineered for professionals

BEST COST-EFFECTIVENESS



- + Reduced capital outlay
- + Enhanced consumable lifetime
- + Reduced costs of ownership

EX-TRAFIRE® 75SD PLASMA CUTTING SYSTEM.



SPECIFICATION

Severance [mm]	35+(¹)
Recommended [mm]	25(¹)
Piercing [mm]	25(¹)
Cutting current [A]	30-75

DUTY CYCLE (40 °C / 170 V)

100%	@ 75 A
70%	@ 75 A - 160V(²)

OUTPUT (VDC)

Nominal voltage [V]	170
Extra boost [V]	220

INPUT

Voltage (VAC) [V/Hz]	3x400±15 %(³) 50/60
Voltage (VAC) [V/Hz]	3x220±15 %(³) 50/60
Compressed air flow [lpm/bar]	110/5.2
Pressure (max.) [bar/psi]	10/145

MACHINE DATA

Dimensions W×L×H [mm]	265x560x400
Weight [kg]	24

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