

# 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](http://www.ex-trafire.com)**.



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pratite  
**#EXTRAFIRE**



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PLASMA CUTTING SYSTEM

# EX-TRAFIRE<sup>®</sup> 75SD

ENGINEERED  
FOR ENDURANCE



CUTTING MAX.  
**35 mm +**

DUTY CYCLE  
**100% @ 75 A**

CUTTING OUTPUT  
**16.5 kW**

# CUTS METAL. AND COSTS.

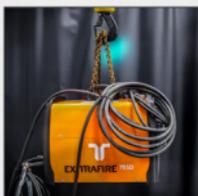
The particularly powerful **EX-TRAFIRE® 75SD** plasma cutting system offers businesses and operators a number of many advantages!

## EXTRA PERFORMANCE



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

## HIGHEST APPLICATION FLEXIBILITY



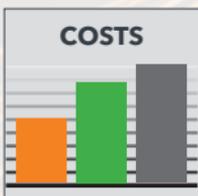
- + Plate thicknesses up to 35 mm +
- + Powerful and lightweight
- + TCS quick change flexible torch packages
- + Suitable for generator use

## 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+( <sup>1</sup> )
Recommended [mm]	25( <sup>1</sup> )
Piercing [mm]	20( <sup>1</sup> )
Cutting current [A]	30-75

### DUTY CYCLE (40 °C / 170 V)

100 %	@ 75 A
70 %	@ 75 A - 160 V( <sup>2</sup> )

### OUTPUT (VDC)

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

### INPUT

Voltage (VAC) [V/Hz]	3x400±15%( <sup>3</sup> ) 50/60
Voltage (VAC) [V/Hz]	3x220±15%( <sup>3</sup> ) 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
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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