

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.



Note: Specifications are subject to change without notice. Products may vary from those pictured. Copyright by Thermacut

PLASMA CUTTING SYSTEM

EX-TRAFIRE® 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+ ⁽¹⁾
Recommended [mm]	25 ⁽¹⁾
Piercing [mm]	20 ⁽¹⁾
Cutting current [A]	30-75

DUTY CYCLE (40 °C / 170 V)	
100%	@ 75 A
70%	@ 75 A - 160 V ⁽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