

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.



SD100_04-2020_EN | Note: Specifications are subject to change without notice. Products may vary from those pictured. Copyright by Thermacut

PLASMA CUTTING SYSTEM

EX-TRAFIRE® 100SD

BUILT FOR POWER



CUTTING
CURRENT
100 A

DUTY CYCLE
100% @ 80 A

CUTTING MAX.
50 mm +

CUTS METAL. AND COSTS.

The particularly powerful EX-TRAFIRE® 100SD plasma cutting system offers businesses and operators a number of clear advantages!

EXTRA PERFORMANCE



- + High cutting speed
- + Precise cuts
- + Industry leading duty cycle

HIGHEST APPLICATION FLEXIBILITY



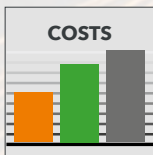
- + Plate thicknesses up to 50 mm +
- + Powerful and lightweight
- + TCS quick change flexible torch packages
- + Suitable for generator use

SIMPLE OPERATION



- + Intuitive control
- + Exceptionally robust
- + Engineered for demanding professionals

BEST COST-EFFECTIVENESS



- + Reduced capital outlay
- + Longer consumable lifetime
- + Considerably reduced costs of ownership

EX-TRAFIRE® 100SD PLASMA CUTTING SYSTEM.



SPECIFICATION	
Severance [mm]	50+ ⁽¹⁾
Recommended [mm]	35 ⁽¹⁾
Piercing [mm]	20 ⁽¹⁾
Cutting current [A]	30-100
DUTY CYCLE (40°C / 170V)	
100%	@ 80A
50%	@ 100A
OUTPUT (VDC)	
Nominal voltage [V]	170
Extra boost [V]	220
INPUT	
Voltage (VAC) [V/Hz]	3x400±15% ⁽²⁾ 50/60
Compressed air flow [lpm/bar]	135/5.2
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) suitable for generator use