

INDUSTRIAL CUTTING. HEAVY-DUTY PERFORMANCE.

The plasma cutting systems in the **EX-TRAFIRE® HD** range are the absolute specialists in meeting tough demands in continuous operation. The mobile **EX-TRAFIRE®125HD** plasma cutting system with 80% duty cycle is the perfect solution for demanding heavy duty applications in industry.



Heavy Fabrication



Structural



Shipyards and Offshore



Steel Mills and Steel Service Center



General Fabrication



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® HD** family and our wide range of cutting solutions at www.ex-trafire.com

HD125_04-2023_AU | Note: Specifications are subject to change without notice. Products may vary from those pictured. Copyright by THERMACUT®

THERMACUT®
THE CUTTING COMPANY®

PLASMA CUTTING SYSTEM

EX-TRAFIRE® 125HD



CUTTING MAX.
60 mm +
DUTY CYCLE
80% / 125 A
INCL.
MARKING

WWW.THERMACUT.COM
SALES@THERMACUT.COM.AU
SALES@THERMACUT.CZ

follow
#EXTRAFIRE



WWW.EX-TRAFIRE.COM

THERMACUT®, THE CUTTING COMPANY®, FHT-EX®, EX-TRAFIRE®, EX-TRACK®, EX-TRABEAM® AND EX-TRAFILAME® 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.

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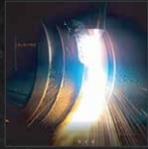
EX-TRAFIRE® 125HD PLASMA CUTTING SYSTEM.

IMPRESSIVE PERFORMANCE



- + Extremely high cutting speed
- + Maximum cutting quality, even with long cuts
- + Also ideal for automated processes

HIGHEST FLEXIBILITY



- + Plate thicknesses up to 60 mm and more
- + For mechanized and manual applications
- + Gouging with high removal rate
- + Suitable for worldwide use

SIMPLE OPERATION



- + Large 4" LCD color display
- + Clear control panel
- + Self-explanatory icons
- + TCS for quick torch replacement

OPTIMAL COST-EFFECTIVENESS



- + Low investment costs
- + 20% longer consumable lifetime
- + Low operating costs
- + 80% duty cycle for maximum productivity

NEW CUTTING TORCH FHT®EX125TT



- + Torch design award winner
- + Optimized ergonomics
- + Relaxed PE and PA cutting
- + 80% duty cycle

MARKING



- + Automatic gas identification (air, nitrogen, argon)
- + Integrated gas-saving function
- + Fine, deep or wide markings
- + Optional Smooth-Marking for applications below 20 A marking current

READY FOR INDUSTRY 4.0



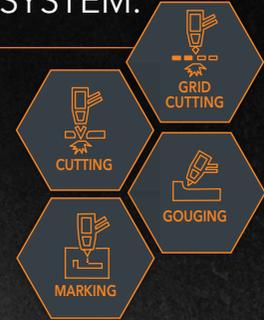
- + Industry leading connectivity
- + CAN / RS 485 and RS 422 interfaces (optional)
- + Easy monitoring
- + Expandable and updatable

AUTOMATIC SETTINGS



- + Cutting gas type, electricity and pilot current
- + Compensation for pressure drops
- + Fewer operating errors, better cutting quality

EX-TRAFIRE® 125HD PLASMA CUTTING SYSTEM.



SPECIFICATION	
Severance [mm]	60+ ⁽¹⁾
Recommended [mm]	40 ⁽¹⁾
Piercing [mm]	25 ⁽¹⁾
Gouging removal [kg/h]	12.5+

DUTY CYCLE (40 °C / 145 V)	
80 %	@ 125 A

OUTPUT (VDC)	
Nominal [V]	180

INPUT	
Voltage (VAC) [V/Hz]	3x415±15% ⁽²⁾ 50/60
Compressed air flow [lpm@bar]	200/5
Compressed air flow [lpm@psi]	200/72.5
Pressure (max.) [bar/psi]	10/145

MACHINE DATA	
Dimensions W×L×H [mm]	613 x 302 x 515
Weight [kg]	42

TORCH (HAND/MACHINE)	
FHT EX® 125TT	

Designed to interface with a variety of CNC machines

(1) related to low-alloy steel (mild steel)

(2) suitable for generator use