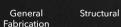
INDUSTRIAL CUTTING. **HEAVY-DUTY** PERFORMANCE.

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® 45HD** plasma cutting system is the ideal solution for anyone looking for a robust, extremely high-performance and cost-effective starter model.







Trade, DIY and Training and Non-Industrial Use Education





THINK FRESH. CUT ORANGE.

THERMACUT® comes up with fresh ideas for cutting technology. Benefit from innovative, reliable, powerful and highly efficient cutting solutions.



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IN CZECH REPUBLIC AND/OR OTHER COUNTRIES, ALL OTHER TRADEMARKS ARE PROPERTIES.



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EX-TRAFIRE® 45HD

PLASMA CUTTING SYSTEM

IMPRESSIVE PERFORMANCE



- + Extremely high cutting speed
- + Maximum cutting quality
- + Also ideal for automated processes

HIGH FLEXIBILITY



- + Plate thicknesses up to 25 mm and more
- + Automated, mechanized and manual
- + Suitable for worldwide use

SIMPLE OPERATION



- + Industry-leading blue LCD display
- + Clear control panel
- + TCS for quick torch replacement

OPTIMAL COST-EFFECTIVENESS



- + Low investment costs
- + 20% longer consumable lifetime
- + Low operating costs
- + Increased productivity

PRECISE GOUGING



- + High removal rate
- + Precise removal
- + Easy weld joint refinishing

MARKING



- + Automatic gas identification (air, nitrogen, argon)
- + Fine, deep or wide markings
- + Integrated gas-saving function

READY FOR INDUSTRY 4.0



- + CAN Bus interface (optional)
- + RS 485 interface (optional)
- + Easy monitoring
- + Expandable and updatable to remain extremely future-proof

AUTOMATIC SETTINGS



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

EX-TRAFIRE® 45HD

PLASMA CUTTING SYSTEM



| | E | C | IC | Z | | C | Ν | |
|--|---|---|----|---|--|---|---|--|
| | | | | | | | | |

| Severance [mm] | 25+(1) |
|---------------------|--------|
| Recommended [mm] | 12(1) |
| Piercing [mm] | 10(1) |
| Cutting current [A] | 10-45 |

DUTY CYCLE (40 °C / 145

| 80% @45A | |
|----------|--|

OUTPUT (VDC) Nominal voltage [V]

| Voltage (VAC) [V/Hz] 3v415±15 9(2) 50/60 | |
|--|--|
| INPUT | |
| | |

145

90/4.5

10/145

MACHINE DAT

| Dimensions W×L×H [mm] | 177 x 469 x 228 |
|-----------------------|-----------------|
| Weight [kg] | 12.7 |

TORCH (HAND/MACHINE

Compressed air flow [lpm/bar]

Pressure (max.) [bar/psi]

FHT-EX® 45TT

Designed to interface with a variety of CNC machines

- (1) related to low-alloy steel (mild steel)
- (2) suitable for generator use

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