

EX-TRAFIRE[®]40SD

LIGHTWEIGHT AND POWERFUL PLASMA CUTTING SYSTEM.



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EX-TRAFIRE® 40SD

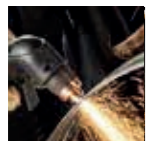


SIMPLE OPERATION



- + Plug & cut
- + Engineered for hobbyist

EX-TRA PERFORMANCE



- + Precise cuts
- + Easy operation

HIGHEST APPLICATION FLEXIBILITY



- + Plate thicknesses up to 15 mm +
- + Lightweight, exceptionally portable

BEST COST-EFFECTIVENESS



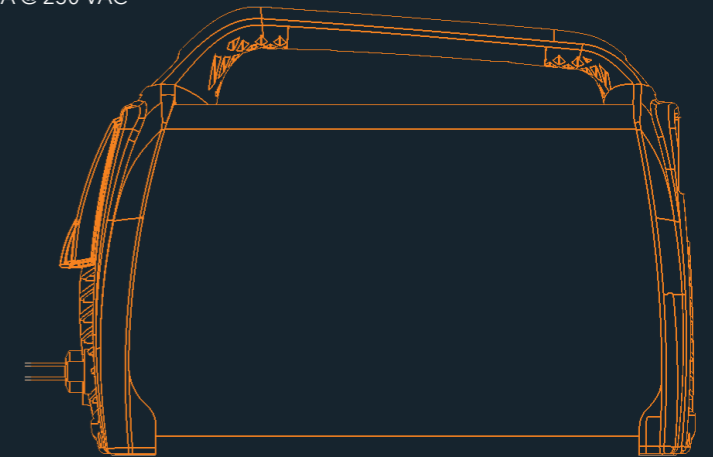
- + Very low investment
- + Lower running costs

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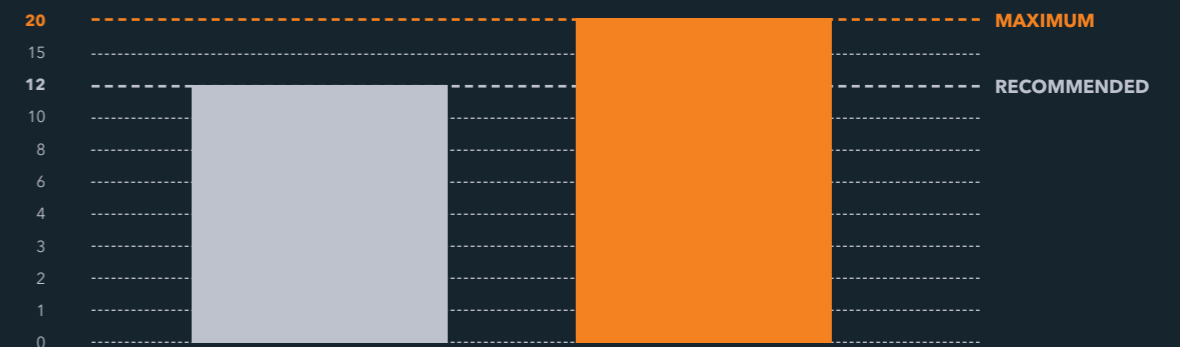
EX-TRAFIRE® 40SD

SPECIFICATIONS

- OUTPUT CURRENT (A)** 10-30 A (120 VAC) / 10-40 A (230 VAC)
- INPUT VOLTAGE (VAC)** 100/240 VAC ± 15 %
- PLASMA GAS** COMPRESSED AIR
- CERTIFICATION** CE, C-TICK, CCC
- MODES** CUTTING / GRID CUTTING
- FREQUENCY (Hz)** 50/60
- MAXIMUM INPUT POWER (kVA)** 3.45 kVA @ 120 VAC / 5.98 kVA @ 230 VAC
- OUTPUT VOLTAGE (VDC)** 140
- DUTY CYCLE @ 40 °C** 40 % @ 40 A, 100 % @ 25 A
- DIMENSION (l x h x w) mm** 469x228x177
- WEIGHT (kg)** 11.8
- RECOMMENDED CUTTING CAPACITY (mm)** 12
- SEVERANCE CUTTING CAPACITY (mm)** 20
- PIERCING CUTTING CAPACITY (mm)** 8
- AIR FLOW @ (lpm/bar)** 120 @ 4.5
- MAXIMUM INPUT PRESSURE (bar/psi)** 10/145
- PROTECTION LEVEL** IP23S
- INSULATION CLASS** H/F
- CNC INTERFACE** YES
- INDUSTRY 4.0** NO
- TYPE OF TORCH** FHT-EX®40H/M



MILD STEEL CUTTING CAPACITY IN MILLIMETRES



COMPARISON WITH COMPETITIVE PLASMA CUTTING MACHINES

EX-TRAFIRE®40SD IS THE MOST POWERFUL SYSTEM IN IT'S CLASS.



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ORDERING INFORMATION

Description	Length	Part No.
MANUAL PLASMA CUTTING SYSTEMS		
EX-TRAFIRE®40SD/CE/1x100-240 V Hand System/FHT-EX40H 4m/H Starter Kit	4 m	EX-2-010-001
EX-TRAFIRE®40SD/CE/1x100-240 V Hand System/FHT-EX40H 5m/H Starter Kit	5 m	EX-2-010-002
EX-TRAFIRE®40SD/CE/1x100-240 V Hand System/FHT-EX40H 7,5m/H Starter Kit	7.5 m	EX-2-010-003
EX-TRAFIRE®40SD/CE/1x100-240 V Hand System/FHT-EX40H 15m/H Starter Kit	15 m	EX-2-010-004
MECHANIZED PLASMA CUTTING SYSTEMS		
EX-TRAFIRE®40SD/CE/1x100-240 V Machine System/FHT-EX40M 4m/M Starter Kit	4 m	EX-2-011-001
EX-TRAFIRE®40SD/CE/1x100-240 V Machine System/FHT-EX40M 5m/M Starter Kit	5 m	EX-2-011-002
EX-TRAFIRE®40SD/CE/1x100-240 V Machine System/FHT-EX40M 7,5m/M Starter Kit	7.5 m	EX-2-011-003
EX-TRAFIRE®40SD/CE/1x100-240 V Machine System/FHT-EX40M 15m/M Starter Kit	15 m	EX-2-011-004
PLASMA POWER SUPPLY UNITS		
EX-TRAFIRE®40SD/CE/1x100-240 V power supply unit (fully-equipped*)		EX-2-001-007

* Fully-equipped=CNC interface & Serial interfaceport (CAN bus)

AVAILABLE BULK PACKS

Description	Pcs	Part No.
Bulk Pack - Electrode - 25 pcs	1	EX-2-434-014
Bulk Pack - Nozzle 30 A - 25 pcs	1	EX-2-435-015
Bulk Pack - Hand (contact) Shield 30 A - 18 pcs	1	EX-2-436-016
Bulk Pack - Machine Shield 30 A - 18 pcs	1	EX-2-437-017
Bulk Pack - Nozzle 40 A - 25 pcs	1	EX-2-435-001
Bulk Pack - Hand (contact) Shield 40 A - 18 pcs	1	EX-2-436-001
Bulk Pack - Machine Shield 40 A - 18 pcs	1	EX-2-437-001

ACCESSORIES

Description	Pcs	Part No.
DN 7.2 ES Quick Connect Plug with female thread G 1/4"	1	EX-0-802-000
DN 7.2 ES Quick Connect Plug with male thread G 1/4"	1	EX-0-802-001
DN 7.2 ES Quick Connect Coupling with male thread G 1/4"	1	EX-0-802-002
Grease 25 ml	1	EX-0-805-001
Filter-EX Compressed Air Filter	1	EX-0-804-001
Filter-EX Air Filter Cartridge	8	EX-0-804-002
Circle cutting guide kit for FHT-EX®30/40H	1	EX-2-801-001

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FRONT VIEW



BACK VIEW



SIDE VIEW

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