



Specifications

Cutting current	10-30 A (120 VAC) / 10-40 A (230 VAC)
Modes	cutting / grid cutting
Duty cycle @ 40° C @ 230 VAC	40 % @ 40 A, 100 % @ 25 A
Rated output voltage	140 VDC
Severance cutting capacity	20 mm +*
Piercing cutting capacity	8 mm*
Recommended cutting capacity	12 mm*
Plasma gas	compressed air / nitrogen
Air flow [lpm/bar]	120/4.5
CNC interface	yes
Preadjusted voltage divider ratio	50:1
Input voltage	100/240 VAC ± 15 %
Frequency	50/60 Hz
Dimension (L×H×W)	469×228×177 mm
Weight	11.8 kg
Certification depending on region	CE, C-TICK, CCC
Maximum input pressure [bar/psi]	10/145
Protection level	IP23S
Insulation class	H/F
Type of hand torch	FHT-EX®40H
Type of standard machine torch	FHT-EX®40M

*values for low alloy steel, e. g. MS S235JR



Specifications

Severance cutting capacity	20 mm +*
Piercing capacity	8 mm*
Recommended cutting capacity	12 mm*
Plasma cutting	-10° C to +40° C
Transport and storage	-25° C to +55° C
Relative humidity	up to 90 % at 20° C
Application process	plasma cutting
Type of use	manual and mechanized
Pilot current	10-18 A
Rated current and corresponding duty cycle	40 A / 100 %
Type of gas	compressed air
Gas flow rate	approx. 120 l/min
Min./max. operating pressure	3.5-5.0 bar
Operating pressure	dynamic 4.5 bar/static 6.0 bar
Type of voltage	DC direct voltage
Protection type of the power supply-side connections	IP3X (EN 60 529)
Type of connection	TCS - 13 pin
Voltage rating	500 V peak value
Rated value of control leads (trigger and cap sensor)	42 VAC / 0.1-1 A
Standard length	4 m / 5 m / 7.5 m / 15 m
Structure of cable	(Bikox) compact cable
Weight	4 m / 1.2 kg 7.5 m / 1.8 kg 5 m / 1.4 kg 15 m / 3.2 kg

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