

# Plasma cutting machine FANCUT 42 MOST



FANCUT 42 MOST is a plasma cutting machine with a current range up to 40 A and single-phase 230 V power supply. The cutter is equipped with a PFC (Power Factor Correction) module. The advantage of inverters equipped with PFC module is higher efficiency, lower electric power consumption load (a weaker fuse is required), greater tolerance to supply current fluctuations and less interference generated by the cutter. The device has a lower weight than older units of similar power and is equipped with a factory-mounted pressure regulator.



Model	FANCUT 42
Main voltage	1x230 V/50-60 Hz
Network protection	16T A
Max current $I_1$	21,8 A
Max effective current $I_{1\text{eff}}$	15,4 A
Power factor cos	0,98
Cutting current range	20/88,0 - 40/96,0 A/V
Idle Voltage $U_0$	320 V
Cutting current (X=100%) $I_2/U_2$	28/91,2 A/V
Cutting current (X=60%) $I_2/U_2$	33/93,2 A/V
Cutting current (X=50%) $I_2/U_2$	40/96 A/V
Max. thickness of quality carbon steel cutting	10 mm
Duty air pressure	5,0 bar
Min./Max. air pressure	4,5/8,5 bar
Air consumption	119 l/min
Arc ignition	pneumatic-contact
Power regulation	stepless
Insulation class	F
IP Rating	IP 23S
Dimensions (W x L x H)	148x490x295 mm
Weight	8,4 kg
Catalogue No.	59 00 250060



Universal air filter for plasma cutters	Catalogue No.
Air filter AT-1000 with mounting adapter	59 00 240036
Paper insert for AT-1000 5303	59 00 240037
Filter adapter ATA-1000 5304 (inlet/outlet accessories)	59 00 240038

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