

Semi-automatic welding machines

FANMIG MOST IV series



Discover the range of FANMIG professional welding equipment for industrial and craft purposes.

Description:

- for MIG/MAG welding method,
- for welding steel, stainless steel and aluminium,
- main transformers made of copper,
- cooling systems with a flow sensor,
- thermal protection against overheating.



Operational properties of FANMIG IV semi-automatic machines:

- compact and machines with a separate wire feeder (FANMIG 404GP, FANMIG 404WP and FANMIG 504WP),
- 2- or 4-roll wire feeders,
- 3x400 V power supply,
- with water (WP) or air cooling for the torch,
- the option of welding with solid or flux cored wires in a gas or argon mixture shield,
- standard source: feeder cable length 5 m, possible to extend it to 20 m,
- Euro socket allows you to connect any welding torch,
- ergonomic design, front panel secured with a special carrying handle,
- one front wheel equipped with a brake (except FANMIG 200-2 BASIC),
- devices are covered by a 24 month warranty from the date of sale,
- for FANMIG 504WP: feeder on wheels and swivel base for feeder.

FANMIG MOST 322 Pulse semi-automatic inverter welding



BASIC Control Panel



Features configured on the BASIC panel (in the FANMIG 200-2 model):

- step adjustment of the welding current,
- stepless wire feeding speed adjustment,
- continuous, spot or interval welding,
- 2-stroke / 4-stroke.

MINOR Control Panel



Features configured on the MINOR panel:

- continuous, spot or interval welding,
- digital display of set values,
- 2-stroke / 4-stroke
- initial wire speed, pre-flow of gas, flow of gas and burnback time have factory defined values for possible correction by the user,
- wire initial speed and gas test.

SYNERGY Control Panel



In addition, compared to the MINOR panel, the SYNERGY panel has:

- 9 synergic programs for welding steel (parameters set according to welding current A, wire feed speed m / min or thickness of the base material),
- A + V digital welding current displays with HOLD function which also show the values of all parameters set.

Model	FANMIG 200-2 BASIC	FANMIG 280-4N MINOR	FANMIG 320-4N MINOR	FANMIG 400-4N SYNERGY	FANMIG 404GP SYNERGY	FANMIG 404WP SYNERGY	FANMIG 504WP SYNERGY
Electrical power supply	3x400 V	3x400 V	3x400 V	3x400 V	3x400 V	3x400 V	3x400 V
Welding current range	60-180 A	40-290 A	40-340 A	40-400 A	40-400 A	40-400 A	60-530 A
Duty cycle for max. welding current	40%	30%	25%	25%	30%	30%	25%
Welding current: ■ In X 60% duty cycle ■ In X 100% duty cycle	150 A 130 A	210 A 170 A	230 A 200 A	290 A 240 A	320 A 260 A	320 A 260 A	390 A 330 A
Welding current set point number	7	10	12	20	20	20	30
IP Rating (power source)	IP 23S	IP 23S	IP 23S	IP 23S	IP 23S	IP 23S	IP 23S
Wire feeder	2-roller	4-roller	4-roller	4-roller	4-roller separate	4-roller separate	4-roller separate
Wire feeding speed	1-19 m/min	1-19 m/min	1-19 m/min	1-19 m/min	1-25 m/min	1-25 m/min	1-25 m/min
Wire diameter: ■ steel ■ stainless steel ■ aluminium	0,6-1,0 mm 0,6-1,0 mm -	0,8-1,0 mm 0,8-1,0 mm 1,0-1,2 mm	0,8-1,2 mm 0,8-1,2 mm 1,0-1,2 mm	0,8-1,2 mm 0,8-1,2 mm 1,0-1,2 mm	0,8-1,2 mm 0,8-1,2 mm 1,0-1,2 mm	0,8-1,2 mm 0,8-1,2 mm 1,0-1,2 mm	0,8-1,6 mm 0,8-1,6 mm 1,0-1,6 mm
Weight	61 kg	88 kg	99 kg	109 kg	106 + 18 kg	126 + 18 kg	161 + 18 kg
Dimensions	474x888x561 mm	500x868x806 mm	500x868x806 mm	500x868x806 mm	607x873x803 mm feeder 245x700x450 mm	607x873x803 mm feeder 245x700x450 mm	875x572x874 mm feeder 245x700x450 mm
Catalogue No.	51 00 022200	51 00 022294	51 00 022334	51 00 022420	51 00 023414	51 00 023424	51 00 023504

Device assembly:

Ground and power supply cable length 3 m.
Cables connecting the source and wire feeder (FANMIG 404GP, FANMIG 404WP and FANMIG 5 meters long as a standard 504WP).
Devices supplied with different cable lengths available on request.

Recommended welding torches::

- FANMIG 200-2 BASIC: M15 or M25 MOST.
- FANMIG 320-4 MINOR, 400-4 SYNERGY: M24 or M36 MOST.
- FANMIG 404GP: M36 MOST or M38 MOST.
- FANMIG 404WP, 504WP SYNERGY: M401 or M501 MOST.

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