

qineo

QINEO STEP



QINEO STEP – nearly indestructible

MIG/MAG Pulsed arc welding power sources with external wire drive unit

CLOOS

Weld your way.

qineo

QINEO STEP

350 A
60%
duty cycle

450 A
60%
duty cycle

600 A
60%
duty cycle



QINEO STEP – nearly indestructible

Simple, practical, reliable. These are the characteristics of the QINEO STEP step-switch MIG/MAG welding power source. Each detail is targeted for manual industrial welding. With capacity modules of 250 A to 600 A weld current and an intuitive operation, the QINEO STEP can be exactly configured to any requirement. The best choice for the hard working life of a welding machine.

- **Absolutely reliable:** Due to robust modular design and proven welding characteristics
- **Universally applicable:** Five capacity classes for every requirement of manual welding
- **Best quality:** Optimum ignition and welding characteristics
- **Easy operation:** Intuitive user guidance, synergy mode as standard
- **Two housing concepts:** Compact design with integrated wire drive unit, external wire drive unit for a larger working envelope (STEP 350/450/600)



Operating module Step

- **Intuitive adjustment:** Clear operating module for maximum user-friendliness
- **Synergy mode:** Quick parameter finding due to a number of characteristic curves

QINEO STEP	QINEO STEP 350	QINEO STEP 450	QINEO STEP 600
Welding current	40 A - 350 A	40 A - 450 A	40 A - 600 A
Welding current at 60 % duty cycle	350 A / 31.5 V	450 A / 36.5 V	600 A / 44 V
Welding current at 100 % duty cycle	270 A / 27.5 V	350 A / 31.5 V	465 A / 37.5 V
Open circuit voltage	16 V - 40 V	19 V - 46 V	17 V - 54 V
Mains voltage	400 V / 50 Hz / 3 phases	400 V / 50 Hz / 3 phases	400 V / 50 Hz / 3 phases
Special voltages	Optionally	Optionally	Optionally
Steps	2 x 10	3 x 10	4 x 10
Connection cable	4 x 4 mm ²	4 x 6 mm ²	4 x 10 mm ²
Mains protection	25 A	32 A	50 A
Type of protection	IP 23	IP 23	IP 23
Insulating class	F	F	F
Type of cooling	F	F	F
Dimensions L/W/H (without wire drive)	1226 x 630 x 741 mm	1226 x 630 x 741 mm	1226 x 630 x 741 mm
Weight (without wire drive)	189 kg	226 kg	280 kg
Maximum track width	approx. 552 mm	approx. 552 mm	approx. 552 mm
Operating modes	2-cycles, 4-cycles, Super 4 -cycles, spot welding/interval, external start (with operating modules MASTER PLUS and PREMIUM)		

All over the world!



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