

# qineo

PULSE 351 PRO

PULSE 451 PRO

PULSE 601 PRO



## QINEO PULSE PRO

More power for pulsed arc welding

# CLOOS

Weld your way.

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# QINEO PULSE PRO

PULSE 351 PRO  
PULSE 451 PRO  
PULSE 601 PRO

## QINEO PULSE PRO – more power for pulsed arc welding

Variety and precision: these are the crucial conditions for successful pulsed arc welding. Whatever the capacity class. 350 A, 450 A or 600 A: Each QINEO PULSE PRO offers five different welding processes for a large variety of applications. The QINEO PULSE PRO is equipped with a synergy mode and two fine adjustments. The synergic characteristic curves can therefore be perfectly adapted to external factors.

## Overview of your benefits

- 1. Powerful and versatile:** Three capacity classes with five different welding processes
- 2. Precision by technology:** Two independent fine adjustments for the perfect arc
- 3. Compensation** of the external circuit influences
- 4. Best quality:** Optimum ignition and welding characteristics
- 5. Flexibility:** Operating panel in power source, wire drive or remote control according to requirement

## Technical data

	PULSE 351 PRO	PULSE 451 PRO	PULSE 601 PRO
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	75 V	75 V	87 V
Mains voltage	400 V / 50 Hz / 3 phases	400 V / 50 Hz / 3 phases	400 V / 50 Hz / 3 phases
Special voltages	380 V / 415 V / 440 V / 480 V / 500 V	380 V / 415 V / 440 V / 480 V / 500 V	380 V / 415 V / 440 V / 480 V / 500 V
Connection cable	4 x 4 mm <sup>2</sup>	4 x 6 mm <sup>2</sup>	4 x 10 mm <sup>2</sup>
Mains protection	25 A	32 A	50 A
Type of protection	IP 23	IP 23	IP 23
Insulation 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)	181 kg	194 kg	234 kg
Dimensions (L/W/H) compact unit	1226 x 630 x 942 mm	1226 x 630 x 942 mm	1226 x 630 x 942 mm
Weight compact unit	181 kg	194 kg	234 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)		

Wire drive units	QINEO QWD-M4	QINEO QWD-P4	QINEO QWD-AR	QINEO QWD-P4
Wire feed speed	max. 24 m / min	max. 24 m / min	max. 24 m / min	max. 24 m / min
Dimensions L/W/H	620 x 385 x 255 mm	702 x 240 x 375 mm	320 x 200 x 200 mm	350 x 270 x 230 mm
Weight	21.1 kg	14.8 kg	7.5 kg	12.8 kg
Wire diameter	0.8 to 2.0 mm	0.8 to 2.0 mm	0.8 to 2.0 mm	0.8 to 2.0 mm



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