

# qineo

## QINEO Champ Pro



## QINEO Champ Pro – quantum leap in high-tech welding

MIG/MAG Pulsed arc welding power source with AC/DC technology  
and external wire drive unit

# CLOOS

Weld your way.

# qineo

## QINEO Champ Pro

450 A  
60%  
duty cycle

600 A  
60%  
duty cycle



### QINEO Champ Pro – quantum leap in high-tech welding

Efficient, precise, versatile – this high-tech equipment meets the highest demands. In every performance category and under complex performance conditions. 450 A or 600 A: Every QINEO Champ Pro machine provides many different welding processes for a variety of possible applications, materials and plate thicknesses. Increased flexibility thanks to the free adjustment of characteristic curves, excellent welding properties, low-cost operation – the QINEO Champ Pro combines all these characteristics into one state-of-the-art solution for a new dimension in welding technology. The Cold Weld process with an AC arc is possible with the QINEO Champ Pro - particularly advantageous for aluminium welding.

- **Utmost flexibility:** Free adjustment of the characteristic curves and control parameters in single parameter mode
- **Best process quality:** High-tech for excellent welding results
- **Simple and intuitive:** Clear operating panel with extensive functions
- **Low operating costs:** Energy saving standby mode
- **Compatible:** Secure communication with welding robots via standardised field bus systems
- **Various robot interfaces available**



## MasterPlus operating module

Manual welding in perfection

- Intuitive operation
- Job favourites
- Memory for 4 welding circuits



## Premium operating module

Sophisticated automation

- Intuitive operation
- Diagnostic functions
- Memory for 4 welding circuits

QINEO CHAMP Pro	Champ 451 Pro	Champ 601 Pro
Welding current	40 A - 450 A	40 A - 600 A
Welding current at 60 % duty cycle	450 A / 36.5 V	600 A / 44 V
Welding current at 100 % duty cycle	350 A / 31.5 V	500 A / 39 V
Open circuit voltage	75 V	88 V
Mains voltage	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
Connection cable	4 x 6 mm <sup>2</sup>	4 x 10 mm <sup>2</sup>
Mains protection	32 A	50 A
Type of protection	IP 23	IP 23
Insulating class	F	F
Type of cooling	F	F
Dimensions L/W/H (without wire drive)	1226 x 630 x 741 mm	1226 x 630 x 741 mm
Weight (without wire drive)	204 kg	244 kg
Maximum track width	approx. 552 mm	approx. 552 mm



Wire drive units	QINEO QWD-M	QINEO QWD-AR	QINEO QWD-A
Wire feed speed	max. 24 m / min	max. 24 m / min	max. 24 m / min
Dimensions L/W/H	620 / 385 / 255 mm	320 / 200 / 200 mm	350 / 270 / 230 mm
Weight	21.1 kg	7.5 kg	12.8 kg
Wire diameter	0.8.. 2.0 mm	0.8 - 2.4 mm	0.8 - 2.4 mm

# All over the world!



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