

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

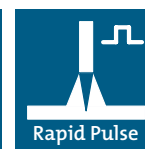
600 A
60%
duty cycle



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**



Operating module MasterPlus

- **Intuitive operation:** Clear display and quick save memory for maximum user-friendliness
- **Job memory:** A multitude of welding parameter sets ensures the welding quality
- **Flexible use:** Suitable for manual and automated application



Operating module Premium

- **Intuitive operation:** Clear display with lateral function keys
- **Extensive functions:** The perfect adjustment for every welding task
- **Many functions:** Automated welding at the highest level

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 ²	4 x 10 mm ²
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	WIRE DRIVE Metal	QINEO QWD-AR	QINEO QWD-P4
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!



Carl Cloos Schweisstechnik GmbH
Main office: Carl-Cloos-Strasse 1
Central warehouse: Carl-Cloos-Strasse 6
35708 Haiger
GERMANY

Telephone +49 (0)2773 85-0
Telefax +49 (0)2773 85-275
E-Mail info@cloos.de

Austria

CLOOS Austria GmbH,
A-2362 Biedermannsdorf
www.cloos.co.at

Belgium/Netherlands/Luxembourg

CLOOS Benelux N.V.
B-3300 Tienen
www.cloos.be

Brazil

CLOOS Técnica em Soldagem
Guarulhos / São Paulo
07240-180
www.cloos.com.br

China

CLOOS Welding Technology (Beijing) Ltd.
Beijing 101113
www.cloos.cn

Czech Republic

CLOOS Praha GmbH
CZ-25242 Jesenice
www.cloos.cz

Great Britain

CLOOS UK Ltd.
GB-Wolverhampton WV 10 6 HR
www.cloos.co.uk

India

CLOOS India Welding Technologies Pvt
Ltd.
PUNE 411 014
www.cloos.in

Mexico

CLOOS Robotic de Mexico
Apodaca, N.L. México
CL.66000
www.cloos.com.mx

Russia

OOO CLOOS Vostok
RU-125445 Moskau
www.cloos.ru

Switzerland

CLOOS Electronic GmbH
CH-2400 Le Locle
www.cloos.ch

Turkey

CLOOS Kaynak Teknik Sanayi Ltd. Sti.
41400 Gebze Kocaeli Türkiye
www.cloos.com.tr

USA

CLOOS Robotic Welding Inc.
USA-Schaumburg, Illinois 60193
www.cloosrobot.com

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