



QINEO QinTron 400, 500, 600

Simply welding.

CLOOS

Weld your way.

www.cloos.de

QinTron – simply robust.

Brave the rough conditions for indoor and outdoor applications – the QinTron is characterised by high-quality components and a robust design. See for yourself!







Multiprocess – live and in colour.

Realise different welding processes and applications with one machine – we offer the right solution for every requirement.

MIG/MAG Welding



MIG/MAG welding is the key skill of the QinTron. A robust MIG/MAG arc ensures the perfect solution of the welding task. As an option, extensions such as synergy-based programs can be integrated.

TIG DC Welding (with Liftstart)



TIG DC welding is also easy for the QinTron. The Liftstart function (contact ignition) guarantees a safe welding start.



Stick electrode welding



Weld demanding seams with stick electrode already in the basic equipment. The integrated synergy characteristic curves were optimised for basic, Rutil- and CEL stick electrodes.

Gouging



Gouging turns the QInTron into a real multiprocess system. Remove all points of failure with sticks up to 6 mm and then solve the task with the same welding system.



good reasons for QinTron

Efficient

Weld any workpiece at economic conditions – we offer you an excellent price/performance ratio and enormous energy-saving possibilities due to the latest inverter technology and stand-by operation < 30W.

Flexible

Realise individual extensions and retrofits at any time – the modular design allows to have different welding processes and applications in one machine.

User-friendly

Benefit from a comfortable operating concept which automatically adapts to the user's requirements – QinTron stands for easy, quick and intuitive handling.

Reliable

Trust in many years of know-how together with highest innovation power – as technology leader we guarantee maximum performance in proven CLOOS quality.

Robust

Brave the rough conditions for indoor and outdoor applications – the QinTron is characterised by high-quality components and a robust design.

Further information:

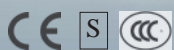




Welding system for TIG DC- and stick electrode welding as well as gouging.

Possible equipment:

- Basic welding machine 400, 500 or 600A
- Stick electrode holder
- Earth cable



QinTron – simply flexible.

Choose between the capacity classes 400, 500 and 600A.
Due to the modular system you make the QinTron to be your individual welding system. Because of the Autolink function (3 x 380V to 460V) you can use the machine everywhere in the world.



Welding system for MIG/MAG, TIG DC- and stick electrode welding as well as gouging..

Possible equipment:

- Basic welding machine 400, 500 or 600A
- Wire feed
- Welding torch MIG/MAG:
- Earth cable

Welding system for MIG/MAG, TIG DC- and stick electrode welding as well as gouging..

Possible equipment:

- Basic welding machine 400, 500 or 600A
- Wire feed
- Water cooling
- Carriage with bottle holder
- MIG/MAG welding torch, TIG welding torch
- Earth cable

Power inside

- Inverter technology 400, 500 or 600A
- Two-knob operation for wire feed and voltage
- Can be used with a generator
- Mains voltage compensation
- Operating panel:
 - Basic operating panel in the welding machine
 - MIG/MAG welding via WireFeeder panel
- Optionally: Synergic operation

Endless feed

Standard WireFeeder with:

- 2+2 roller drive
- Jack rings
- Euro central connection
- Suitable for 300 mm wire rolls
- Remote control and welding tractor plug
- Optionally: 4 roller drive

Your mobile welding machine

Choose between:

- Stands (standard), simple rolls and trolley with gas bottle holder
- Rubber feet or rolls for the WireFeeder





Make your daily work easier

- Mains supply cable with mains plug as standard
- Remote control
- Torch and tool tray
- Tool box (if the rack for water cooling is not used)
- Filter mat
- Connection cable assemblies in different lengths
- Earth cable with pliers

The right tool in your hand

- Ergonomic welding torches for MIG/MAG and TIG welding in different capacity classes
- Stick electrode holder
- Gouging torch
- Simple welding tractor with start/stop function

Stay cool

Choose between:

- Gas cooling as standard
- Water cooling as option

A person is wearing a white CLOOS Qineo welding mask with a blue visor. The mask has 'CLOOS' and 'Qineo' printed on it. In the background, a CLOOS QinTron 500 welding power source is visible. It has a digital display showing '17.1' and '13', two large black knobs, and the 'CLOOS' logo. Below this, there are four circular ports. At the bottom, another digital display shows '28' and '200 A', with a red and yellow warning symbol and the text 'QINTRON 500' below it.

QinTron – simply reliable.

Trust on the proven CLOOS quality – with solid technology and maximum capacity
you are perfectly prepared for the rough daily work.

Technical data	QinTron 400	QinTron 500	QinTron 600
Open circuit voltage	64V	64V	64V
Mains voltage	380V-460V	380V-460V	380V-460V
Connection cable	4 x 6 mm ²	4 x 6 mm ²	4 x 6 mm ²
Mains protection/400V slow fuse	35A	35A	35A
Type of protection	IP 23	IP 23	IP 23
Insulation class	H	H	H
Type of cooling	F	F	F
Dimensions L/W/H (basic machine)	740 x 350 x 430 mm	740 x 350 x 430 mm	740 x 350 x 430 mm
Weight (basic machine)	50.7	50.7	50.7

Same power in the processes MIG/MAG, TIG (with Liftstart), stick electrode and gouging

Welding current	20A/15V - 400A/36V	20A/15V - 500A/40V	20A/15V - 600A/44V
Welding current 40% duty cycle	–	–	600A
Welding current 60% duty cycle	400A	500A	500A
Welding current 100% duty cycle	400A	400A	400A





Weld your way!

Providing added value for our customers! This objective drives our 700 motivated employees to achieve maximum performance. We are constantly raising our bar by pushing ourselves to provide innovative welding processes and solutions that will contribute to the long-term commercial success of your company!

Our process competence is at the forefront in welding and cutting of various ferrous and non-ferrous metals. We offer our customers individual solutions which are optimised and adapted specifically to your product and production requirements. Leadership and competence equals process automation and welding at its best.

Whatever your needs are, we "Weld your way."
CLOOS develops, manufactures and delivers innovative solu-



tions in more than 40 countries worldwide.

With QINEO, the new generation of welding machines for manual and automated applications, and QIROX, the system for automated welding and cutting, our product range covers the entire spectrum of arc welding technology. Our product portfolio includes intelligent software, sensor and safety technology solutions – all of which are customised to meet your specific needs and requirements! CLOOS provides full service solutions – all from a single source!

Weld your way.

qineo

Arc welding at the highest level:

- Power sources
- Wire drive units
- Welding torches
- Cable assemblies
- Accessories



qirox

Everything for automated welding and cutting:

- Robot mechanics
- Robot controllers
- Robot positioners
- Workpiece positioners
- Sensors
- Software



Service Hotline

 +49 (0) 27 73/85-132

Service

Service - The "Power Plus" for your production success:

- Efficiency check
- Simulation
- Test installation
- Training
- Hotline
- Spare parts management



All Over the World!



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Interesting Actual Installation Videos please see our YouTube channel:

<http://www.youtube.com/user/clooswelding>

Further information:



CLOOS

Weld your way.