

CLOOS

QIROX WeldExpert COMPACT CELL QR-CC-6

Rising skilled labour shortages and constant pressure to reduce costs are challenging companies to maintain competitiveness in welding production.

Step into the future of welding with the CLOOS Compact Cell QR-CC-6, the smart and efficient gateway to automated welding production.



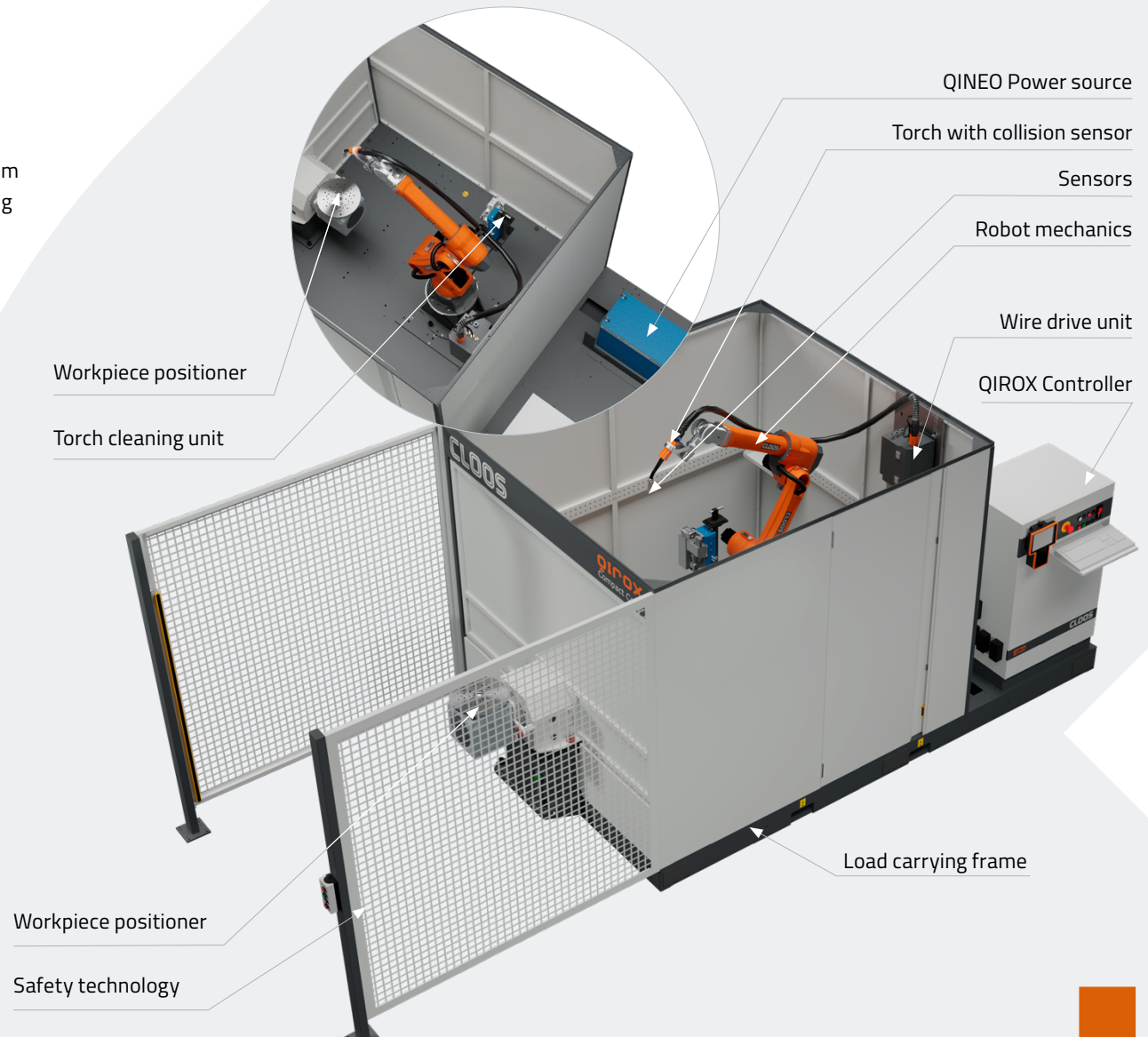
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COMPACT CELLS BASIC EQUIPMENT

Delivered fully pre-installed and ready to weld, this powerful system combines top-tier process quality with effortless integration, giving you a fast and measurable return on investment.

- > **Compact**
Easy to integrate, space-saving and easy to transport
- > **Plug-and-Weld**
Ready to weld and pre-installed, fast setup, easy maintenance
- > **Flexible**
Modular and expandable for a wide range of applications
- > **High quality**
Top-level weld seam quality thanks to innovative processes and QINEO technology
- > **Powerful**
High productivity, short payback time, excellent value for money
- > **User-friendly**
Intuitive, precise operation for comfortable handling
- > **Reliable**
"Made in Germany" – proven CLOOS quality from a single source



COMPACT CELL QR-CC-6 TECHNICAL DATA

Thanks to perfectly synchronized robot and positioner axes, you achieve consistently high-quality welds – even on complex components, every single time.

Features

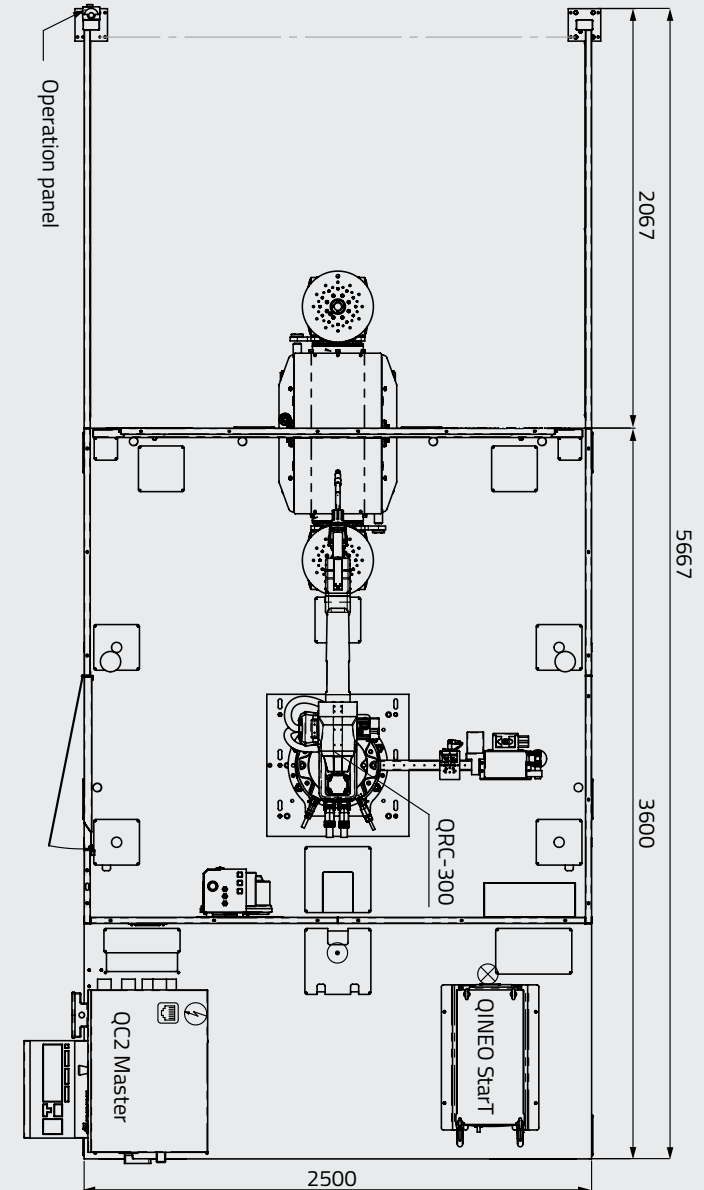
- > Quick station change
- > High rotating speed of the positioners allows welding of contours on complex cubicworkpieces

The QR-CC-6 includes

- > QRC-300 with QC 2.04 Master
- > QINEO StarT 406
- > Torch cleaning unit
- > Fume extraction hood incl. lighting
- > Industry 4.0 enabled

Technical data

System floor space	QR-CC-6-2,5 kN
Depth	5.700 mm
Width	2.500 mm
Height	2.500 mm
Load per station	2,50 kN
Max. component diameter	1.200 mm





QIROX WeldExperT COMPACT CELLS_ OPTIONS

CLOOS offers a comprehensive package of customised options to further increase the efficiency and range of applications of the QIROX compact cell.

OPTIONS

- ◇ **Hardware**
 - > Manual operation of workpiece positioning axes
 - > Expansion of digital inputs and outputs
 - > ProfiNet interface
- ◇ **Software**
 - > Transformation of point coordinates
 - > Interpolation of welding parameters on a welding path
 - > Automatic generation of filler and cover layers
 - > Unlimited rotations of the workpiece positioning axes
 - > Parallel Tasking
 - > User management via password
 - > C-Gate: Industry 4.0 solutions
 - > Offline programming system
- ◇ **Sensorics**
 - > Arc sensor
 - > Offline laser sensor
 - > Laser measuring system for welding torch
- ◇ **Welding Technology**
 - > QINEO NexT 452/456 MIG/MAG power source
 - > Weld-Data-Monitoring
 - > QN-WDD-20 Double wire feed system
- ◇ **Torch Cleaning Unit**
 - > Wire cutter
 - > External gas nozzle cleaning



Interested in further options? We look forward to your request.

CLOOS

CARL CLOOS SCHWEISSTECHNIK GMBH

Head office: Carl-Cloos-Straße 1
Central warehouse: Carl-Cloos-Straße 6
35708 Haiger
Germany

Phone +49 (0) 2773 85-0
Email info@cloos.de
www.cloos.de



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