

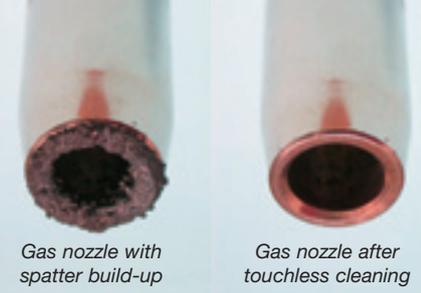
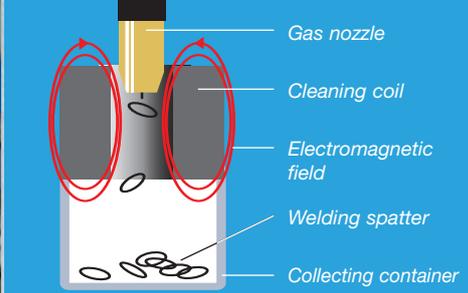
Robacta TC 1000

Touchless welding-torch cleaning system

As its name implies, the Robacta TC (Touchless Cleaner) cleans the torch in automated steel applications without actually touching it. The surfaces of the wearing parts are not damaged, and the lifespan of the gas nozzle is prolonged – with consistently cleaning results every time. The Robata TC is available in several different versions, making it suitable for virtually any shape and size of torch.



PERFECT WELDING



TECHNICAL DETAILS

- Galvanically separated interface: Zero-power addressing, directly by the robot.
- Monitoring of cleaning capacity: The magnetic flux is checked after every cleaning operation.
- Quick-stop function for switching the system to stand-by.
- Fluid-level sensor: Lights up if the fill-level in the parting-agent reservoir drops below minimum.
- Wetting with parting agent: Application-specific wetting with parting agent by either immersion or spraying.

TECHNICAL DATA

Mains voltage +/-15%, 50/60Hz	230 V
Nominal power	180 W
Compressed-air supply	6 bar 86.99 psi
Degree of protection	IP 21
Dimensions L x W x H	330/250/422 mm 12.99/9.84/16.61 in.
Weight (without coolant)	13 kg 28.66 lb.

TOUCHLESS CLEANING

- Spatter build-up is removed electromagnetically, meaning that no damage is done to the surfaces of the wearing parts.
- Has no influence on the tool centre point (TCP), ensuring that the end of the welding wire is exactly positioned on the workpiece.

ENHANCED PROFITABILITY

- Ensures high availability of the robot installations, as less maintenance is needed than with mechanical cleaning equipment.
- With touchless cleaning, the gas nozzle has a service life up to 10 times longer than when it is cleaned mechanically.
- Service-intensive mechanical cleaning-components are not required; nor are mechanical wearing parts such as milling cutters.

UNIVERSAL AND COMPACT

- Several different versions are available, for virtually any shape and size of torch.
- Its compact design enables it to be mounted in a space-saving way, even in very confined spaces.

AREAS OF APPLICATION

- The Robacta TC cleans welding torches used in automated steel applications.



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