

TCS-D

Complete torch cleaning system with calibration as an option.



Torch cleaning system

The TCS-D is a complete service system for cleaning the welding torch. It is designed to work together with a MOTOMAN industrial robot, with all its functions controlled by the robot controller. TCS-D can be attached to the foundation of the robot, positioner or gantry. It is made up of three basic parts: the oil spray unit, the mechanical torch cleaner and a wire cutter.

In order to further improve the functionality of the welding system you can also add an automatic inspection and calibration unit to the TSC-D torch cleaning system.

Cleaning cycle

- Mechanical cleaning of the gas nozzle and contact tip.
- Air blast (into the torch cleaner reservoir).
- Oil spraying from the ejector unit.
- Wire cutting.
- Inspection and calibration with MotoTAC or Q-Set.

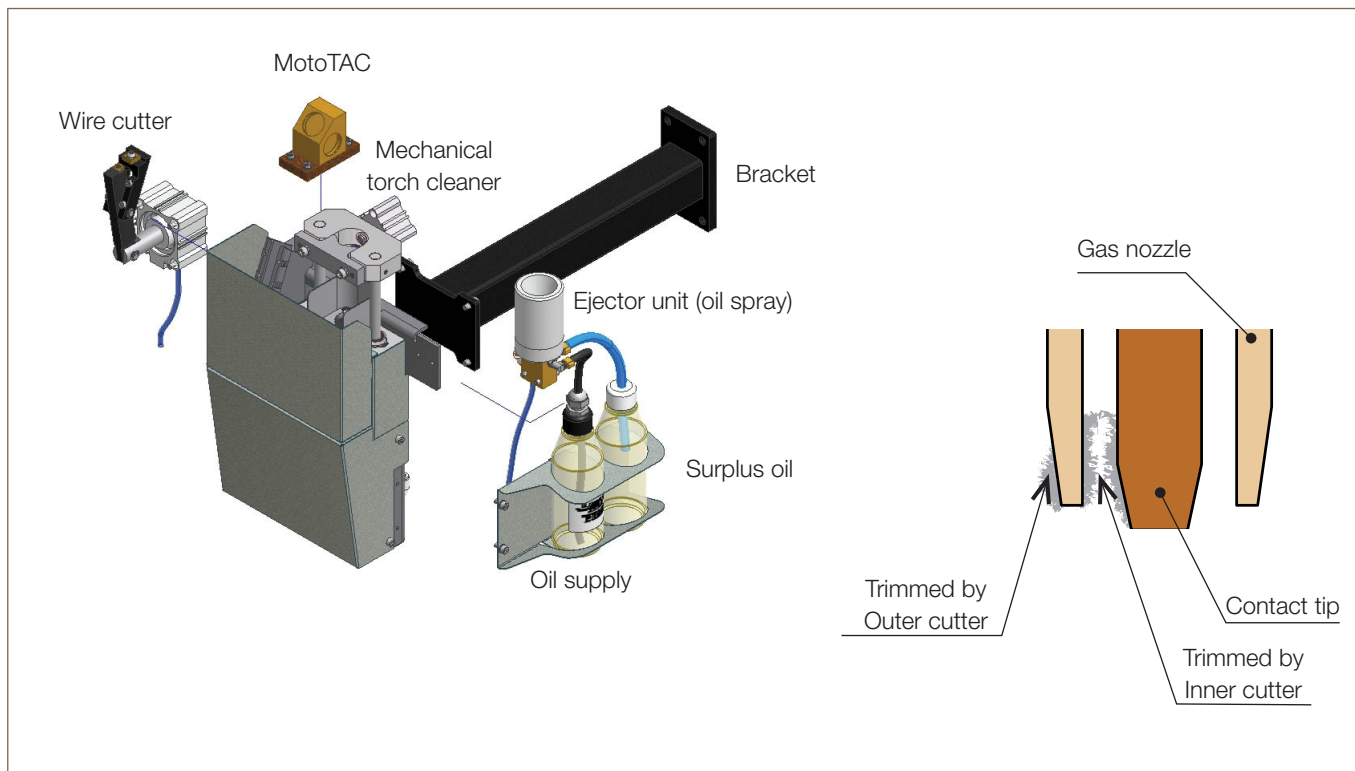
The cutting tools in the mechanical torch cleaner will be customised according to the size and type of welding torch.

Compatible with

NX100, DX100, DX200 and YRC1000.

Options

- Ejector unit + Mechanical torch cleaner + Wire cutter + MotoTAC
- Ejector unit + Mechanical torch cleaner + Wire cutter + Q-Set
- Ejector unit + Mechanical torch cleaner + Wire cutter
- Ejector unit + Mechanical torch cleaner



Technical data		TCS-D
Air pressure		0.6 MPa
Air consumption	motor wire cutter ejector	318 litre/min 300 litre/min 150 litre/min
Oil consumption		Factory set at 1 drop per cycle
Oil quality		BINOL CUT 10
Mechanical torch cleaner speed	no load max load	2250 rpm 1040 rpm
Mechanical torch cleaner capacity		250 W

YASKAWA Nordic AB
 PO Box 504
 SE-385 25 Torsås, SWEDEN



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 Technical data may be subject to change without previous notice.

Phone +46 480 41 78 00
 info.se@yaskawa.eu.com
 www.yaskawa.eu.com