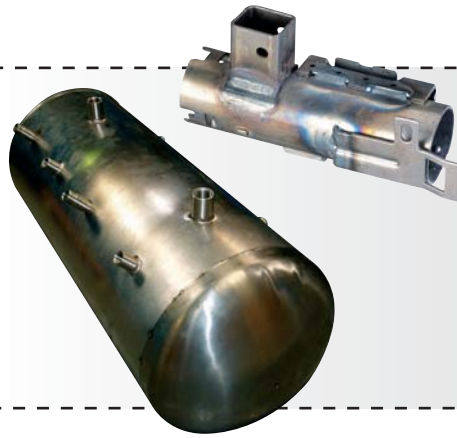
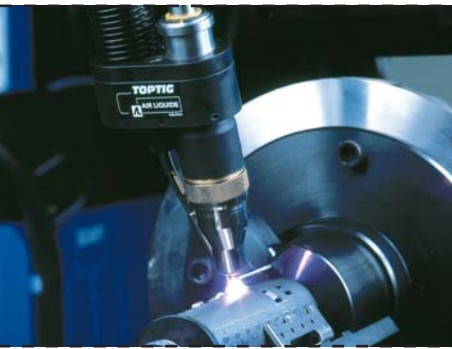


TOPTIG



Innovative welding process for automatic and robotic applications

To know more:
ask for your
dedicated brochure.

Market segments

■ Automobile industry

- steering columns,
- exhaust systems,
- seat mechanisms and frames.

■ Boiler-making

- water heaters,
- food-grade tanks,
- containers for the nuclear industry.

■ Metal furniture makers

- metal cabinets,
- carbon or stainless steel sinks,
- other furniture parts.






■ Aeronautic and aerospace

- compressor blades,
- ejection nozzles,
- landing gear,
- aircraft chassis parts.

Main features

- Welding and braze-welding of carbon steel, stainless steel, inconel, titanium...
- Up to 3 mm thickness
- Compact torch
- Patented innovative design
- Assembly speed



Material	Process	Joint	Thickness	Welding speed
Carbon steel	Welding	Corner joint 	1 mm	1.5 m/min
Stainless steel	Welding	Lap joint 	1 mm to 2 mm	1.5 m/min
Titanium	Welding	Butt joint 	0.8 mm	1.0 m/min
Inconel	Welding	Butt joint 	1.5 mm	1.1 m/min
Galvanized plates	Braze-welding	T joint 	2.0 mm	1.2 m/min

Benefits

- TIG high quality welding and guaranteed spatter free
- Good productivity with an increased welding speed
- Excellent appearance of the weld bead without distortion on thin sheets
- Better torch accessibility and simplified robot trajectories

