

ECO.torch

„The new dimension in versatile welding.“



- ▶ rotation of +/- 260°
- ▶ optimum component accessibility
- ▶ minimal wear
- ▶ maximum precision

ECO@torch



DINSE – all round welding performance.

MIG/MAG welding is a complex process – especially in automated manufacturing. Availability, flexibility and cost effectiveness are the standards by which a welding system is measured. With +/- 260° of rotation possible, the DINSE ECO.torch for all hollow wrist robots allows optimum component accessibility, maximum productivity and minimizes wear. It is available in a stiff or flexible version with 15° deflection and optional with a collision module for immediate robot stop.



Extraordinary rotating capability

With +/-260° of rotation of the sixth axis, the ECO.torch saves time and programming costs for contour welding and allows optimal component accessibility – even in compact structures and complicated geometries.

Extremely robust

The highly torsion-resistant compact hose package is characterized by its extremely low wear, long service life and long maintenance intervals.

Innovative cooling

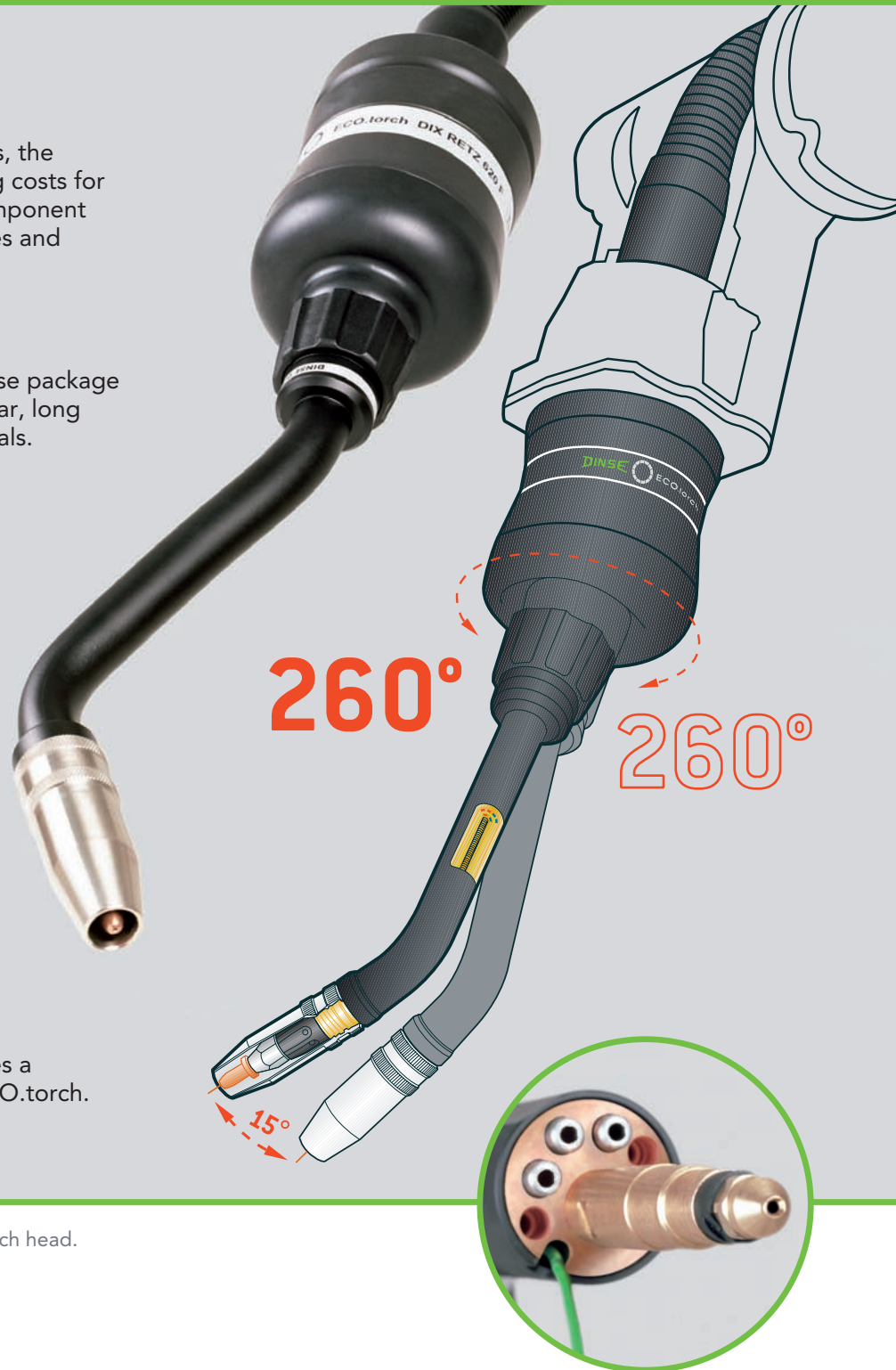
The coolant from the DINSE dual-circuit water cooling system flows through the entire length of the torch head in concentrically arranged longitudinal channels. The contact tip and gas nozzle are cooled in parallel. A gas-cooled variant is also available as an alternative.

Easy conversion

The modular design of the ECO.torch allows quick hassle-free replacement of the torch head and hose package components.

Process optimization

For seam finding at different work pieces a gas nozzle sensor is available for the ECO.torch.



The performance data is determined by the torch head. Please contact us for individual expert advice.