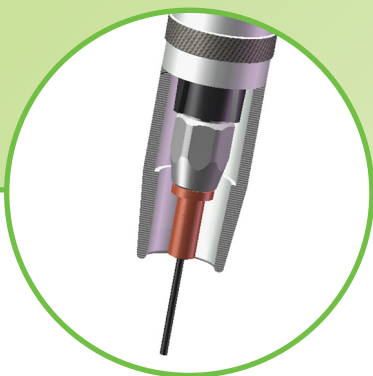


## ECO.torch Wire Brake

„+/- 260° rotation at consistent stick-out.“



- ▶ for ECO.torch applications
- ▶ precise detection of the welding seam
- ▶ consistent stick-out
- ▶ fully integrated into the rotary interface
- ▶ for all common wires



Dinse – welding right to the spot.

Modern robotic welding applications require high precision and repeatability. As well as monitoring the various welding parameters, it is essential to control the position of the welding wire perfectly.

The DINSE ECO.torch wire brake, which is totally integrated into the rotary interface, is the right tool for this.



### One step ahead thanks to ECO.torch

With +/-260° of rotation, the ECO.torch saves time and programming costs for contour welding and allows optimal component accessibility – even in compact structures and complicated geometries. It is available in a stiff or flexible version with 15° deflection – optionally with or without wire brake.

### Precise measurement

The ECO.torch wire brake consistently fixes the position of the wire. This is a safe way to detect the position of the welding seam.

### Maximum TCP reliability

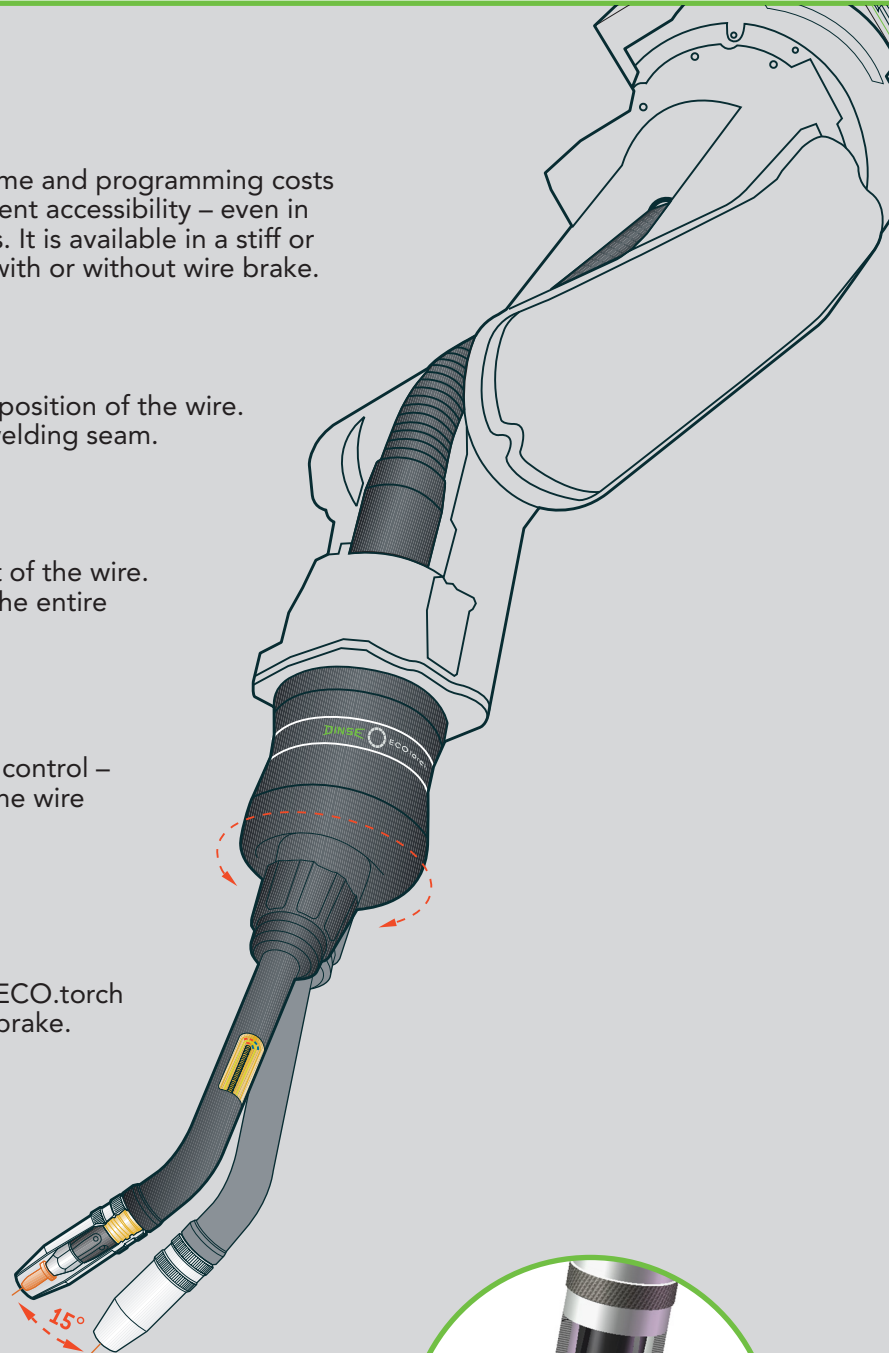
The wire brake guarantees a consistent stick-out of the wire. Thus the robot maintains the same TCP during the entire measuring process.

### Versatile tool

The ECO.torch wire brake keeps the wire under control – even with different wire diameters. This makes the wire brake so versatile in its application.

### Easy retrofitting

We adapt the tool to your needs:  
The latest generation of gas- and liquid-cooled ECO.torch modules is now available with and without wire brake.



#### Technical Data:

RET 340 F(S) / WB 1(2) wire diameter: 0,8 - 1,6 mm (1,8 - 2,2 mm)

RETZ 640 F(S) / WB 1(2) wire diameter: 0,8 - 1,6 mm (1,8 - 2,2 mm)