



# TBi Tandem Welding Torch

## Advantages of the TBi Tandem Welding Torches:

- Welding speed up to 3 m/min
- Flexible use for steel-, stainless steel-, aluminum-, and flux-core-wires
- Forced contact design of the tip holder
- Small head dimension, two parallel contact tips
- Distance between wire electrodes (factory adjustable) of 6 – 12 mm
- Easy internal and external cleaning with TBi Jet-Stream cleaner
- Ideally complementable with our TBi Planetary Push-Pull System

### TBi TD 10

### TBi TD 9

changeable gas nozzle head

**New 2005**  
Wire-Ø up to 2.8 mm  
2 x 550 A

Internal direct cooling of the gas nozzle seat

Optional: Additional cooling for gas nozzle

„round“ gas nozzle

Quick disconnect for cables

Wire-Ø up to 1.6 mm  
2 x 400 A

Retaining nut for gas nozzle

Parallel contact tips

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## ■ TBi TD 9 / TD 10

### Technical Data

Design	2 electrically isolated, parallel wire electrodes
Capacity	
TBi TD 9	max. 2 x 400 A at 40V DC
TBi TD 10	max. 2 x 550 A at 40V DC
Duty cycle	100 % (10 min. cycle)
Cooling method	2-circuit water-cooling TD 9: optional directly cooled gas-nozzle
Wire diameter	
TBi TD 9	1.2 - 1.6 mm
TBi TD 10	1.6 - 2.8 mm
Gas flow	up from 8 l/min per line (2x)
Weight (without cable)	
TBi TD 9	approx. 2.00 kg
TBi TD 10	approx. 3.00 kg
Technical specification	according to IEC 60974-7

### Highlights

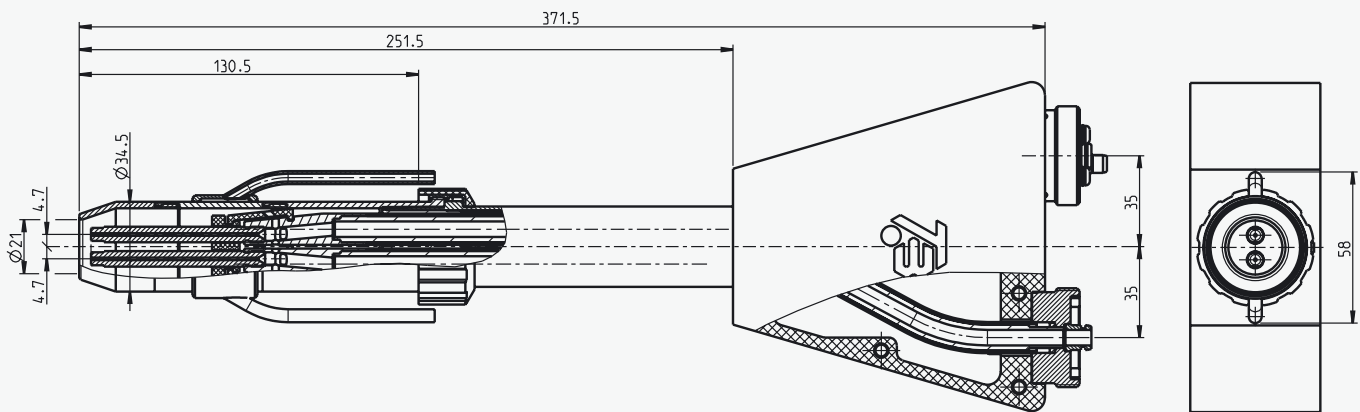
- quick maintenance and accessibility due to the long screw-on gas-nozzle
- round gas nozzle for easy cleaning
- quick-change cable assemblies
- 3-circuit cooling system optional



The TBi Tandem Welding Torch can be perfectly combined with our Planetary wire feeder system.

Ask us for an individual solution!

### Dimensional Drawing TBi TD 9



### Dimensional Drawing TBi TD 10

