

ORBITAL WELDING HEADS



ORBITAL WELDING HEAD TYPE T-250

DESCRIPTION

The orbital tube welding head type T-250 is the all-rounder among the TECHNODATA tube welding heads. It is characterised by easy handling, high adaptability to welding tasks and proven durability. The coolant-cooled torch can be adjusted axially, radially and in angle. In combination with infinitely adjustable drive motors for rotation and wire feed as well as an exact path detection, individual settings for automatic single and multiple layer welding are made possible. The orbital welding head T-250 enables safe, reproducible tube to tube sheet welds with the simplest handling.

HIGHLIGHTS

- » allrounder: wide range of applications and a large number of optional add-ons
- » stepless drive motor with exact path detection
- » infinitely adjustable drive motors for rotation and wire feed

TECHNICAL DATA

tube OD	10.0 - 78.0 mm
rotation speed	0.2 - 5.0 UpM
electrode diameter	1.6 - 3.2 mm
wire feed	0 - 1.5 m/min
max. ampacity	200 A
torch cooling	coolant
dimensions [length / diameter]	455 mm / 182 mm
weight	approx. 7.5 kg
manual axial / radial adjustment of the torch	
control for rotation	
endless coupling for inert gas, coolant and current	
rotating, removable cold wire unit	
optional add-ons:	
conversion kit for fillet welds	
special torch for air cooler welding	
special torch for inbore welding	
more special torches with or without wire	
pneumatic clamping system	
magnetic support feed	
additional gas chamber	
balancer	

technical data are subject to change



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