

TS 2000 with integrated wire feder

TS 2000 mit pneum. clamping system

Open weldhead TS 2000

Welding of tube-to-tubesheet joints

Standard equipment

Open weldhead with hosepack 9 m
 Modular design
 Consistent high quality welding due to water-cooling
 Manual regulation distance elektrode to tubesheet
 Version TS 2000 without wire feeder (compatible for KD 4000)
 Version TS 2000 with integrated wire feeder
 Motorized arc length control (AVC)
 Version TS 2000-AVC without wire feeder
 Version TS 2000-AVC with integrated wire feeder
 Wire guide, wire innerliner and adjustment
 Adjustable three-point support
 Swivelling handle for balancer
 Continuous rotating torch (current, gas, water,...)
 Transport case

Base materials:

Steel, stainless steel, Titanium, Inconel, Aluminium, etc

Process

TIG - welding with or without filler wire

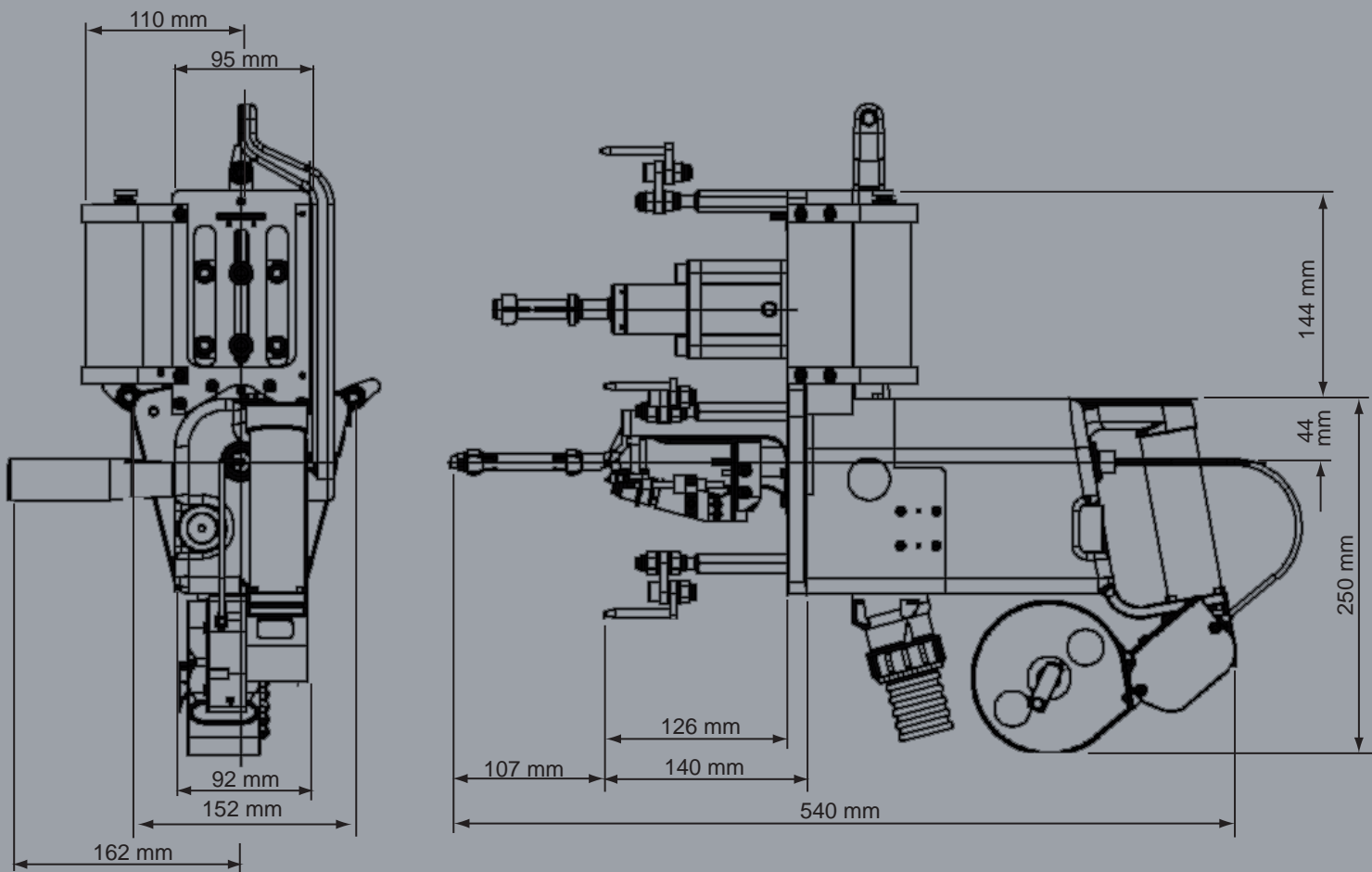
Recommended areas of use:

Weld head for welding tube to tubesheet (from inside diameter 10,5 mm up to tube outer-diameter 60 mm)
 Tube/tubesheet: max. 2 mm recessed/max 13 mm protruding

- Energy technology
- Heat exchangers

Accessories

Spindle suitable to mandrel
 Mandrel for one tube-inside diameter
 Torch-/electrode holder applied to your request
 Pneumatic clamping system for one tube inside-diameter
 Shielding gas chamber (Titanium)
 Special inside-torch for welding tube behind tubesheet
 Components for adaption of pneumatic clamping system
 Balancer



Technical data	TS 2000
Tube inside diameter	from 10,5 mm
Tube outer diameter	up to 60 mm
Welding current	200 A
Torch cooling	water-cooled
AVC-travel way (optional)	10 mm
Wire feeder (optional)	integrated (spool dia. 100 mm/1,5 kg) or external (spool 300 mm/20 kg)
Wire diameter	0,8 (standard)/1,0 mm
Net weight inc. hosepack, without wire feeder	5,6 kg
Net weight inc. hosepack, wire feeder and pneumatical clamping system	11 kg



PERFECT WELDING

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