

tigSpeed oscillation drive 45 hotwire

090-000180-00502



- TIG cold wire and hot wire welding with dynamic wire feed system
- Dynamic wire feeding for a controllable weld pool even with positional welding: The wire feeding is superimposed in parallel using a forward and backward movement
- Up to 100 % faster welding speeds compared to TIG welding
- Up to 60% improvement in deposition rate
- Dilution reduced by up to 60%
- High process reliability and reproducible welding results
- Higher welding speed and extremely simple handling, similar to pulsed MIG/MAG welding
- Heat supply to the wire for improved deposition rate and an even lower risk of weld errors
- Perfect weld appearance, no weld spatters
- spotArc and spotMatic
- 4-roll drive. Equipped for 1.0 mm + 1.2 mm steel wires
- Can be used with any water cooled TIG welding machine
- Fewer emissions: Significantly lower fume generation compared to MIG/MAG pulse welding procedure

Wire speed m/min	0.5 m/min - 15 m/min
Wire-feed speed increments	0.1 m/min
Hot wire current	40 A - 180 A
Duty cycle 40 °C	35 %, 180 A
	60 %, 150 A
	100 %, 130 A
Oscillating frequency	1 Hz - 16 Hz
Roll diameter	37 mm
Wire feeder, LxWxH in mm	624 x 342 x 480
Weight, wire feeder	29 kg

Accessories

tigSpeed 95QMM W AW 5POL 2m

094-019139-00000



- Intermediate hose package, water-cooled, filler wire, incl. strain relief

TIG 450 WD HW 12P U/D 3m 30°

094-500095-10203



- Water cooled TIG welding torch with a separate cold and hot wire feed
- Water-cooled TIG welding torch
- Setting of welding current and programs
- Equipment ex works:
- Gas diffuser: Ø 3.2 mm
- Ergonomic GRIP handle for a secure grip
- Highly flexible hose package with 1 m leather protector
- Delivered ready to weld ex works
- Replaceable steel liner
- 270° rotatable and replaceable wire feed
- Ceramic-coated wire support
- Three fixed wire feed angles: 30°, 39°, and 41°
- Flexible wire feed angle of 15°-41°
- Wire feed and hot wire power line integrated into grip

comfyTig 18-1 HW 12P 3m 30°

094-500146-00603



- Water cooled TIG welding torch with a separate cold and hot wire feed
- Improved handling through MIG/MAG torch grip casing
- Hardly any changes when switching from MIG/MAG to cold or hot wire welding
- Compatible with SR replacement parts
- Double push-button
- Delivered ready to weld ex works
- Replaceable steel liner
- 270° rotatable and replaceable wire feed
- Ceramic-coated wire support
- Three fixed wire feed angles: 30°, 39°, and 41°
- Flexible wire feed angle of 15°-41°
- Wire feed and hot wire power line integrated into grip
- Equipment as supplied:
- Collet body: Ø 3.2 mm
- Gas nozzle: Ø 12.5 mm, size 8
- Tungsten electrode E3 (purple): Ø 3.2 mm

RTG U/D 12POL 5m

094-019921-00000



- Remote control for tigSpeed system
- All welding parameters directly adjustable at workplace
- Plastic casing with retaining clip, 12-pole connection socket
- With pre-fitted 5-m connection cable

17.10.2016

Accessories

ADAP ZSP 5POLIG/500MM

094-019463-00000



- Adapter for tigSpeed intermediate hose package for connection to equipment from other manufacturers

FE 2DR4R 0.6+0.8

092-000839-00000



- Spare rolls for steel wire (standard steel model)
- Includes two drive rolls

URUE AL 4ZR4R 0.8+1.0 SF

092-002268-00000



- Includes 4 twin rollers, 2 gears and 2 spacer rings
- For Tetrix drive 4L, all drive 200C and Picomig 180 and T drive 4 Rob 3

URUE ROE 2DR4R 0.8/0.9+0.8/0.9 SF

092-000410-00000



- Includes 2 twin rolls, 2 gears, 2 pressure rolls and 2 spacer rings
- For Tetrix drive 4L, all drive 200C and Picomig 180 and T drive 4 Rob 3

Accessories

ON WAK tigSpeed
092-007927-00000



- With wheel assembly kit with strain relief