

Tetrix 551 DC Comfort 2.0 puls

090-000249-00502



- Water-cooled DC TIG inverter welding machine
- Comfort 2.0 control, simple operation with click wheel
- **TIG welding**
- Features characteristics for EWM activArc and EWM spotArc at no extra charge
- TIG welding with reproducible, electronic HF start
- TIG lift arc welding without HF
- TIG average value pulsing: the preset welding current is maintained at all times, so particularly suitable for welding as per welding procedure specification
- TIG automated pulsing with automatic specification of required pulse parameters
- Pulsed TIG welding in Hz and kHz range up to 15 kHz
- 8 programmed JOBs (welding tasks)
- Non-latched/latched operation
- Reduced secondary current accessible using torch trigger
- Spot welding/tack function (spotArc/spotmatic)
- spotmatic and spotArc with direct access
- Up-slope/down-slope adjustable
- Spotmatic – halves time required for tacking
- Adjustable gas pre-flows/post-flows
- **MMA-Welding/gouging**
- MMA/gouging, automated pulsing with automatic specification of required pulse parameters
- Ideal for root welding
- 8 programmed JOBs (welding tasks)
- Safe, reliable vertical-up and vertical-down welding
- Adjustable hot start current and hot start time
- Adjustable Arcforce
- Antistick function
- **Highlights**
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 12-litre water tank
- Energy-saving thanks to high efficiency and standby function
- Connection capability for remote control and function torch
- Crane-liftable casing
- Can be optionally connected to LAN or WiFi. Xnet-compatible
- PC interface for PC300.Net software

	TIG		MMA	
Setting range for welding current	5 A - 550 A			
Duty cycle at ambient t.e	40 °C	25 °C	40 °C	25 °C
60 %	550 A	–	550 A	–
65 %	–	550 A	–	550 A
100 %	420 A	450 A	420 A	450 A
Open circuit voltage	79 V			
Mains frequency	50 Hz / 60 Hz			
Mains fuses (slow-blow)	3 x 32 A			
Mains voltage (tolerances)	3 x 400 V (-25 % - +20 %)			
Max. connected load	22.6 kVA		29.5 kVA	
Recommended generator power	30.5 kVA		39.8 kVA	
cos φ	0.99			
Efficiency	90 %			

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Dimensions machine, LxWxH in mm

1085 x 450 x 1003