



- Modular AC/DC TIG inverter welding machine, gas- or water-cooled
- 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
- Special AC welding procedure to join markedly different aluminium plates together, e.g. welding 1-mm-sheet to a 10-mm-plate
- Adjustable AC waveform, sine, trapezoidal, square current
- Adjustable AC frequency between 50 Hz and 200 Hz
- Adjustable AC balance
- 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
- Clearly structured operating panel, operating elements streamlined to feature the main TIG functions
- Reduced secondary current accessible using torch trigger
- Spot welding/tack function (spotArc/spotmatic)
- Up-slope/down-slope adjustable
- Spotmatic – halves time required for tacking
- Adjustable gas pre-flows/post-flows
- MMA welding
- MMA automated pulsing with automatic specification of required pulse parameters
- Ideal for root welding
- Antistick function
- Safe, reliable vertical-up and vertical-down welding
- Adjustable hot start current and hot start time
- Highlights
- Safe ignition also for long hose packages
- Gas-cooled or optionally water-cooled with cool 40 U31 cooling unit
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 4-litre water tank (cool 41U31 cooling unit)
- Energy-saving thanks to high efficiency and standby function
- Connection capability for remote control and function torch
- Trolley 35.2-2 trolley available for delivery
- Mains connection 230 V/16 A
- High mains voltage tolerance +15%/-40% and therefore fully generator-compatible
- Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage