

PRODUCT PRESENTATION

Contents



TRITON

HIGHLIGHTS

SYSTEM OVERVIEW

CONTROLS

TECHNICAL DATA

WELDON

HIGHLIGHTS

Equipped for the professional with three full-performance welding processes



- **WIG DC welding with HF ignition or liftarc**
 - low- and high-alloy steels, copper, nickel-based alloys and special metals.



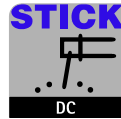
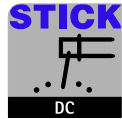
- **MMA DC welding**
 - rutile and basic electrodes.



- **MIG/MAG welding (with extra wire-feed unit)**
 - low- and high-alloy steels 0,8mm-1,0mm,
 - aluminium 1,0mm-1,2mm and
 - cored wires 0,9mm-1,2mm.

SYSTEM OVERVIEW

WELDON



TRITON 260



Cooling unit
COOL30 U20



TROLLY30-2



TIG torch
- Standard
- Up / Down
- Poti



Remote control
- RT1



Remote control
- RTP1
- RTP2



Remote control
- RTF1



Wire feed for
MIG/MA welding
WELDON DRIVE 4



TRITON 260



Cooling unit
COOL30 U20



TROLLY70-2



MIG torch
- Standard
- 10 programs/ Up-Down
- Poti



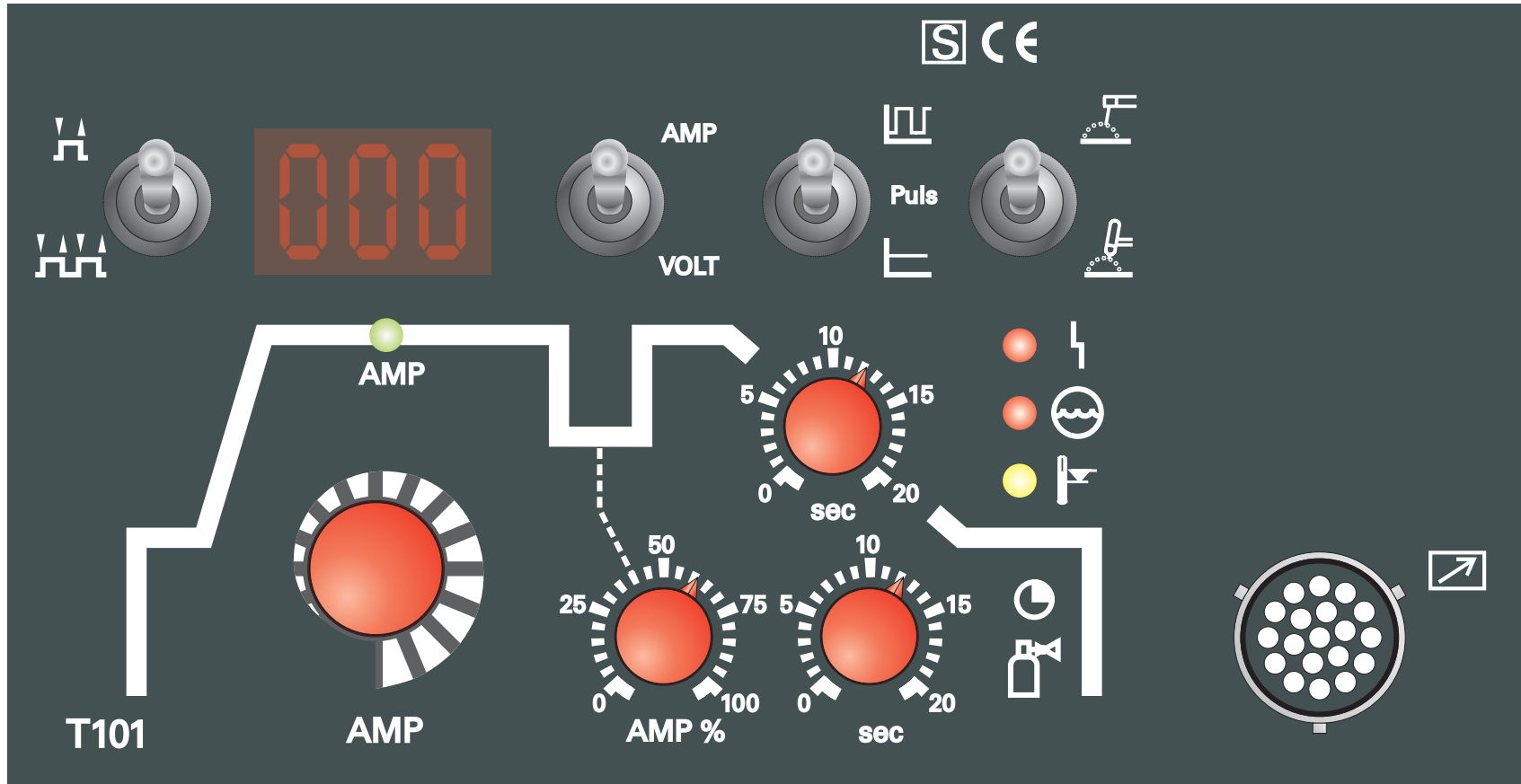
Remote control
- Weldon R10



Remote control
- Weldon R40

CONTROLS

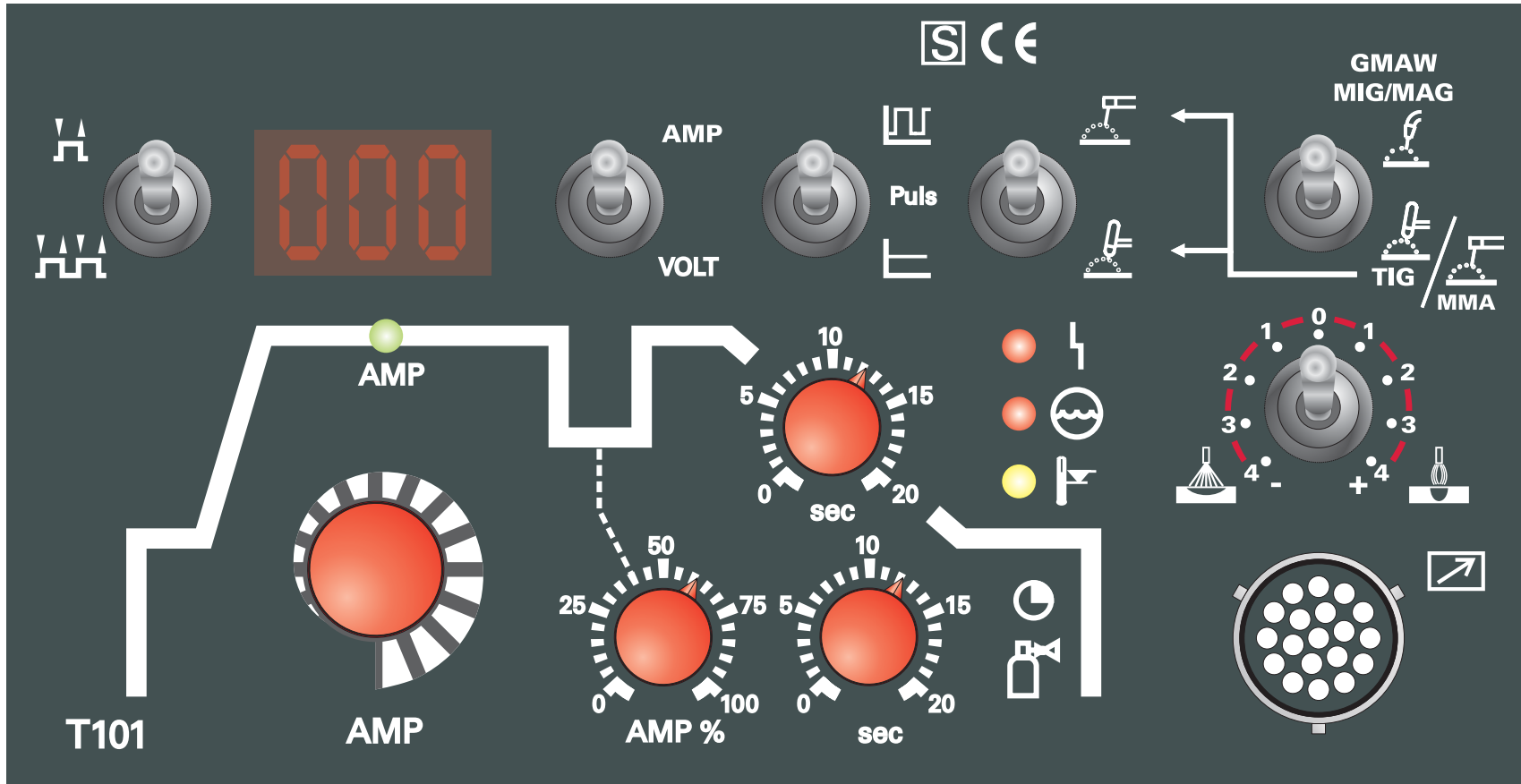
T101 (TRITON 260 without MIG/MAG)



WELDON

CONTROLS

T101 (TRITON 260 with MIG/MAG)



WELDON

HIGHLIGHTS

- **Effective working and even better results faster thanks to the few control elements and their clear arrangement:**
 - Welding current
 - Secondary current
 - Down-slope time
 - Gas post-flow timeother welding parameters preset to the optimum, but can be changed in-house
- **Intelligent digital microprocessor control for**
 - Reproducible welding results of high quality
 - Precise setting and reading of welding parameters
 - Ideal ignition properties for all welding procedures

Function specification

- **Rotary dials for**
 - Main current [AMP]
 - Secondary welding current [AMP%]
 - Down-slope time
 - Gas post-flow time
 - Selection of welding task (8 levels)
MMA: Arcforcing
(rutile / basic / cellulose)
MIG/MAG: Material/ gas type
- **Toggle switch for**
 - Non-latched / latched operating mode
 - MMA or TIG
 - MMA/TIG or MIG/MAG
 - TIG standard / TIG pulsed
 - Display of switching of welding current or voltage
 - Liftarc or HF ignition
(rear of machine)
- **Signal lights for**
 - Excess temperature
 - Collective interference,
 - Open-circuit or welding voltage on,
 - Coolant level low
- **"Internal" settings**
 - Ignition current,
 - Gas pre-flows,
 - Up-slope time,
 - Pulse and break times of TIG pulses
- **Digital display for welding voltage or current**
 - Before and during welding.

Additional Functions



- **Toggle switch for**
 - TIG-Pulse ON/OFF
 - welding process MIG/MAG ON/OFF
- **Two torch trigger connection sockets**
 - 5-pole for Standard-Torch
 - 8-pole for Up/Down- or Poti- Torch



- **Toggle switch for**
 - Liftarc / HF-Ignition
 - selection of Welding task
 - MMA: basic / rutile
 - MIG/MAG: cored wire / solid wire

TRITON 260	
Setting range:	
Welding current	5 - 260A
Welding voltage TIG	10,2 - 20,4V
Welding voltage MMA	20,2 - 30,4V
	TIG MMA
Max. duty cycle at (20°C)	
50%Duty cycle	260A 230A
60% Duty cycle	240A 210A
100% Duty cycle	190A 160A
Max. duty cycle at (40°C)	
25% Duty cycle	260A 230A
35% Duty cycle	230A 200A
60% Duty cycle	170A 150A
100% Duty cycle	130A 110A
Load alternation	10min (60% DC = 6 min. welding, 4min. break)
Open circuit voltage	93V
Mains voltage (tolerances)	3 x 400V (-25% - +15%) 3 x 415V (-25% - +10%)
Frequency	50/60Hz
Mains fuse (safety fuse - slow-blow)	3 x 16A
Ambient temperature	-10°C - +40°C (depending on the coolant used in the cooling-unit)
Machine cooling / Torch cooling	Fan / Gas
Dimensions L/W/H [mm]	530 x 273 x 230
Weight	approx. 23,9 kg
constructed to standard	VDE 0544, EN 60 974-1, S-Sign, CE