

T-PRO SERIES





Process table

TIG						
Electrode						

standard for all models
 standard for certain models
 optionally available



Operation concepts

	
ControlPro <ul style="list-style-type: none"> ■ "3 steps to weld" operating concept ■ digital volt-ampere display ■ Infinitely variable current setting ■ user-oriented guidance using illuminated symbols and welding sequence control ■ Pulse function ■ Remote control connection ■ Tiptronic job memory for 100 welding tasks 	ControlPro + cold wire feed control panel <ul style="list-style-type: none"> ■ "3 steps to weld" operating concept ■ digital volt-ampere display ■ Infinitely variable current setting ■ user-oriented guidance using illuminated symbols and welding sequence control ■ Pulse function ■ Remote control connection ■ Tiptronic job memory for 100 welding tasks ■ Separate manual operating panel for controlling the cold wire feed ■ for additional accessories and cold wire torches, see Lorch Feed

TECHNICAL DATA

	 T-Pro 250	 T-Pro 300	 TF-Pro 300
TIG			
- welding range (in Amps)	5-250	5-300	5-300
- current setting	infinitely variable	infinitely variable	infinitely variable
Electrode			
- welding range (in Amps)	10-200	10-200	10-200
- weldable electrodes (mm)	1,5-5,0	1,5-5,0	1,5-5,0
Duty cycle TIG DC			
- duty cycle 100% (in Amps) - DC	180	230	230
- duty cycle 60% (in Amps) - DC	250	270	270
- duty cycle at max. current (in %) - DC	60%	45%	45%
Duty cycle TIG AC (only AC systems)			
- duty cycle 100% (in Amps) - AC	200	200	200
- duty cycle 60% (in Amps) - AC	230	230	230
- duty cycle at max. current (in %) - AC	45%	30%	30%
Mains			
- mains voltage (in V)	400	400	400
- phases (50/60 Hz)	3~	3~	3~
- positive mains tolerance (in %)	15%	15%	15%
- negative mains tolerance (in %)	15%	15%	15%
- mains fuse (in Amps)	16	16	16
- mains plug	CEE 16	CEE 16	CEE 16
Dimensions and weights			
- dimensions (LxWxH) (in mm)	880x400x755	880x400x755	880x400x755
- weight (in kg)	60	60	67
Standards and approvals			
- standard	EN 60974-01	EN 60974-01	EN 60974-01
- protection class (EN 60529)	IP23S	IP23S	IP23S
- insulation class	F	F	F
- designation	CE, S	CE, S	CE, S

Versions

			
DC system	AC/DC system	DC system with cold wire feed	AC/DC system with cold wire feed
Mobile compact system	Mobile compact system	Mobile compact system with integrated wire feeder for TIG cold wire welding	Mobile compact system with integrated wire feeder for TIG cold wire welding