

V-ROBO-TIG



Process table

TIG						
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

standard for all models
 standard for certain models
 optionally available

Operation concepts

V Series Standard <ul style="list-style-type: none"> ■ "3 steps to weld" operating concept ■ infinitely variable current setting ■ Display-controlled user prompting ■ Tiptronic job memory (100 welding tasks) 	V series + cold wire <ul style="list-style-type: none"> ■ "3 steps to weld" operating concept ■ infinitely variable current setting ■ Display-controlled user prompting ■ Tiptronic job memory (100 welding tasks) ■ Cold wire preparation

TECHNICAL DATA



V 30 RoboTIG





V 40 RoboTIG



V 50 RoboTIG

	V 30 RoboTIG	V 40 RoboTIG	V 50 RoboTIG
TIG			
- welding range (in Amps)	3-300	3-400	3-500
- current setting	infinitely variable	infinitely variable	infinitely variable
Electrode			
- welding range (in Amps)	20-250	20-300	20-400
- weldable electrodes (mm)	1,5-6,0	1,5-6,0	1,5-6,0
Duty cycle TIG DC			
- duty cycle 100% (in Amps) - DC	250	360	380
- duty cycle 60% (in Amps) - DC	300	400	500
- duty cycle at max. current (in %) - DC	60%	60%	60%
Duty cycle TIG AC (only AC systems)			
- duty cycle 100% (in Amps) - AC	250	360	380
- duty cycle 60% (in Amps) - AC	300	400	500
- duty cycle at max. current (in %) - AC	60%	60%	60%
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)	32	32	32
- mains plug	CEE 32	CEE 32	CEE 32
Dimensions and weights			
- dimensions (LxWxH) (in mm)	1130x450x815	1130x450x860	1130x450x860
- weight (in kg)	86,4/93,6	107,6/121,5	108,7/123,2
- weight, water cooling (filled) (in kg)	14,7	14,7	14,7
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 power source	AC/DC power source
Robot power source with integrated control panel (stationary or mobile)	Robot power source with integrated control panel (stationary or mobile)