

V SERIES



Process table

TIG								
Electrode								

standard for all models
 standard for certain models
 optionally available








Operation concepts













V Series Standard

- "3 steps to weld" operating concept
- digital volt-ampere display
- infinitely variable current setting
- user-oriented guidance using illuminated symbols and welding sequence control
- Remote control connection
- Pulse function
- Tiptronic job memory for 100 welding tasks

TECHNICAL DATA

	 V 24 mobil	 V 30 mobil	 V 24	 V 27	 V 30	 V 40	 V 50
TIG							
- welding range (in Amps)	3-240	3-300	3-240	3-270	3-300	3-400	3-500
- current setting	infinitely variable	infinitely variable	infinitely variable	infinitely variable	infinitely variable	infinitely variable	infinitely variable
Electrode							
- welding range (in Amps)	20-200	20-250	20-200	20-220	20-250	20-300	20-400
- weldable electrodes (mm)	1,5-4,0	1,5-6,0	1,5-4,0	1,5-4,0	1,5-6,0	1,5-6,0	1,5-6,0
Duty cycle TIG DC							
- duty cycle 100% (in Amps) - DC	220	270	220	250	250	360	380
- duty cycle 60% (in Amps) - DC	240	300	240	270	300	400	500
- duty cycle at max. current (in %) - DC	60%	60%	60%	60%	60%	60%	60%
Duty cycle TIG AC (only AC systems)							
- duty cycle 100% (in Amps) - AC	190	240	210	250	250	360	380
- duty cycle 60% (in Amps) - AC	220	280	230	270	300	400	500
- duty cycle at max. current (in %) - AC	50%	50%	50%	60%	60%	60%	60%
Mains							
- mains voltage (in V)	400	400	400	400	400	400	400
- phases (50/60 Hz)	3~	3~	3~	3~	3~	3~	3~
- positive mains tolerance (in %)	15%	15%	15%	15%	15%	15%	15%
- negative mains tolerance (in %)	15%	15%	15%	15%	15%	15%	15%
- mains fuse (in Amps)	16	16	16	16	32	32	32
- mains plug	CEE 16	CEE 16	CEE 16	CEE 16	CEE 32	CEE 32	CEE 32
Dimensions and weights							
- dimensions (LxWxH) (in mm)	812x283x518	812x283x518	1130x450x815	1130x450x815	1130x450x815	1130x450x860	1130x450x860
- weight (in kg)	29,4/35,1	31,0/37,0	84,6/90,5	85,0/92,0	86,4/93,6	107,6/121,5	108,7/123,2
- weight, water cooling (filled) (in kg)	---	---	14,7	14,7	14,7	14,7	14,7
Standards and approvals							
- standard	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01
- protection class (EN 60529)	IP23S	IP23S	IP23S	IP23S	IP23S	IP23S	IP23S
- insulation class	F	F	F	F	F	F	F
- designation	CE, S	CE, S	CE, S	CE, S	CE, S	CE, S	CE, S

Versions

 	  	 	  
DC system mobile	AC/DC system mobile	DC system	AC/DC system
Portable compact system (with roller set for convenient pulling as standard)	Portable compact system (with roller set for convenient pulling as standard)	Compact mobile system	Mobile compact system

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