

Technical Data: V series

	V 24	V 24 mobile	V 27	V 30	V 30 mobile	V 40	V 50
TIG							
welding range (in Amps)	3-240	3-240	3-270	3-300	3-300	3-400	3-500
current setting	infinitely variable	infinitely variable	infinitely variable	infinitely variable	infinitely variable	infinitely variable	infinitely variable
Electrode							
weldable electrodes (mm)	1,5-4,0	1,5-4,0	1,5-4,0	1,5-6,0	1,5-6,0	1,5-6,0	1,5-6,0
Duty cycle TIG DC							
duty cycle 100% (in Amps) - DC	220	220	250	250	270	360	380
duty cycle 60% (in Amps) - DC	240	240	270	300	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	210	190	250	250	240	360	380
duty cycle 60% (in Amps) - AC	230	220	270	300	280	400	500
duty cycle at max. current (in %) - AC	50%	50%	60%	60%	50%	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	32	16	32	32
mains plug	CEE 16	CEE 16	CEE 16	CEE 32	CEE 16	CEE 32	CEE 32

Dimensions and
weights

dimensions (LxWxH) (in mm)	1130x450x815	812x283x518	1130x450x815	1130x450x815	812x283x518	1130x450x860	1130x450x860
weight (in kg)	84,6/90,5	29,4/35,1	85,0/92,0	86,4/93,6	31,0/37,0	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