

# S SERIES



## Process table

MIG-MAG												
Electrode												
TIG												
Gouging												

■ standard for all models   
 ▣ standard for certain models   
  optionally available





## Operation concepts








### XT

- "3 steps to weld" operating concept
- Synergic control
- Display-controlled user prompting,
- straightforward process and synergic line selection
- Quatromatic mode
- Dynamic control (for Synergic, SpeedArc XT, SpeedPulse XT)
- Tiptronic job memory for 100 welding tasks
- Digital volt-ampere display
- Possibility for connection of the Power-master remote control torch

# TECHNICAL DATA

	 S3 mobil SpeedPulse XT	 S3 SpeedPulse XT	 S5 SpeedPulse XT	 S8 SpeedPulse XT
MIG-MAG				
- Welding range (in A)	25-320	25-320	25-400	25-500
- voltage setting	infinitely variable	infinitely variable	infinitely variable	infinitely variable
Duty cycle				
- duty cycle 100% 40 °C (in Amps)	250	250	320	400
- duty cycle 60% 40 °C (in Amps)	280	280	350	500
- duty cycle at max. current 40 °C (in %)	40%	40%	50%	60%
Feeder and wire				
- wire feed unit	4 rolls (2 driven)	4 rolls (2 driven)	4 rolls (2 driven)	4 rolls (2 driven)
- weldable wires steel (in mm)	0,6-1,2	0,6-1,2	0,6-1,6	0,6-1,6
- weldable wires aluminium (in mm)	1,0-1,2	1,0-1,2	1,0-1,6	1,0-2,4
Mains				
- mains voltage (in V)	400	400	400	400
- phases (50/60 Hz)	3~	3~	3~	3~
- positive mains tolerance (in %)	15%	15%	15%	15%
- negative mains tolerance (in %)	15%	15%	15%	15%
- mains fuse (in Amps)	16	16	32	35
- mains plug	CEE 16	CEE 16	CEE 32	CEE 32
Dimensions and weights				
- dimensions (LxWxH) (in mm)	812x340x518	---	---	---
- power source dimensions (LxWxH) A version (in mm)	---	1116x463x812	1116x463x812	1116x463x812
- power source dimensions (LxWxH) B version (in mm)	---	1116x445x855	1116x445x855	1116x445x855
- weight (in kg)	34	---	---	---
- weight, power source A-version gas-cooled (in kg)	---	92,8	97,3	107,3
- weight, wire feed case (workshop version) (in kg)	---	20,2	20,2	20,2
- 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	EN 60974-01
- protection class (EN 60529)	IP23S	IP23S	IP23S	IP23S
- insulation class	F	F	F	F
- designation	CE, S	CE, S	CE, S	CE, S

## Versions

				
mobile system	A system	B-system	AB system	BB system
Portable compact system with integrated wire feeder (incl. roller set for convenient pulling)	Mobile compact system with integrated wire feeder	Separate wire feeder system with wire feeder in detachable wire feed case	Mobile compact system with integrated wire feeder and additional wire feed case	Mobile double wire feeder system with wire feeder in the detachable wire feed cases