
















P SERIES





Process table

MIG-MAG								
Electrode								
TIG								
Gouging								

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






Operation concepts

	
Basic	Speed XT (Synergic)
<ul style="list-style-type: none"> ■ "3 steps to weld" operating concept ■ Including SpeedArc-Basic, accessible at the touch of a button ■ Easy power and feed speed regulation ■ Quatromatic mode ■ digital volt-ampere display ■ Possibility for connection of the Power-master remote control torch 	<ul style="list-style-type: none"> ■ "3 steps to weld" operating concept ■ Synergic control ■ Display-controlled user prompting ■ straightforward process and synergic line selection ■ Quatromatic mode ■ Dynamic control (for Synergic, SpeedArcXT) ■ Tiptronic job memory for 100 welding tasks ■ digital volt-ampere display ■ Possibility for connection of the Power-master remote control torch

TECHNICAL DATA

	 P 3000 mobil	 P 3500	 P 4500	 P 5500
MIG-MAG				
- Welding range (in A)	25-300	25-350	25-450	25-550
- voltage setting	infinitely variable	infinitely variable	infinitely variable	infinitely variable
Duty cycle				
- duty cycle 100% 40 °C (in Amps)	250	260	360	400
- duty cycle 60% 40 °C (in Amps)	280	300	400	500
- duty cycle at max. current 40 °C (in %)	50%	30%	30%	30%
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 feed system with wire feeder in detachable wire feed case	Mobile compact system with integrated wire feeder and additional wire feed case	Mobile double wire feed case system with wire feeder in the detachable wire feed cases