

TECHNICAL DATA SYNERGIC.PRO² 170-2 – 310-4

Type		170-2	190-2		230-2 AM	230-4 Quattro	280-2	280-4	310-4
Setting range	[A]	30-170	30-140	50-190	15-230	15-230	35-280	35-280	35-300
Duty cycle lmax. 40 °C	[%]	30	50	30	40	40	40	40	40
Welding current *	[A]	80	100	105	150	150	180	180	210
Open circuit voltage	[V]	22-37	22-33	23-40	15-37	15-37	17-37	17-37	17-41
Switching levels		6	6		10	10	10	10	12
Wire feed		2 rollers	2 rollers		2 rollers	4 rollers	2 rollers	4 rollers	4 rollers
Power supply	[V]	1x230	1x230	2x400	3x400	3x400	3x400	3x400	3x400
Fuse (slow-blowing)	[A]	20	20	16	16	16	16	16	16
Torch cooling type		Gas	Gas		Gas	Gas	Gas	Gas	Gas
Protection grade		IP 21	IP 21		IP 21	IP 21	IP 21	IP 21	IP 21
Weight	[kg]	54	60		68	68	70	72	78
Dimensions LxBxH	[mm]	800 x 330 x 620							
Order number		103 1705	103 1905		103 2302	103 2304	103 2802	103 2804	103 3105
Premium set recommendation		MM 15/25	MM 15/25		MM 15/25	MM 15/25	MM 25/35	MM 25/35	MM 25/35
Order number		118 4200	118 4200		118 4200	118 4200	118 4202	118 4202	118 4202

We reserve the right to make technical changes. All units carry the CE and S mark and meet the EN 60974 – 1 standard.

* at 100 % of duty cycle 40 °C

TECHNICAL DATA SYNERGIC.PRO² 250-4 – 450-4 WS

Type		250-4	300-4 300-4 S	350-4 350-4 S	350-4 W 350-4 WS	450-4 450-4 S	450-4 W 450-4 WS
Setting range	[A]	35-250	40-300	40-350	40-350	45-450	45-450
Duty cycle I _{max} . 40 °C	[%]	50	50	50	50	50	50
Welding current *	[A]	180	210	260	260	320	320
Open circuit voltage	[V]	18-37	17-42	18-43	18-43	18-51	18-51
Switching levels		10	12	20	20	30	30
Wire feed		4 rollers	4 rollers	4 rollers	4 rollers	4 rollers	4 rollers
Power supply	[V]	3x400	3x400	3x400	3x400	3x400	3x400
Fuse (slow-blowing)	[A]	16	16	32	32	32	32
Torch cooling type		Gas	Gas	Gas	Water	Gas	Water
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Weight (with case)	[kg]	100	110 (134)	123 (147)	127 (151)	136 (160)	140(164)
Dimensions LxBxH (with case)	[mm]	1040 x 560 x 850 (1040 x 560 x 1400)					
Order number, compact with wire feed unit		112 2505	112 3005 112 3006	112 3600 112 3601	112 3610 112 3611	112 4600 112 4601	112 4610 112 4611
Premium Set recommendation		MM 25/35	MM 25/35	MM 26/50	MM 401/50	MM 36/70	MM 401/70
Order number		118 4202	118 4202	118 4204	118 4208	118 4206	118 4210

S = with separate wire fire feed unit, W = Water cooled

We reserved the right to make technical changes. Additional equipment on the units available for a surcharge. All units carry the CE and S mark and meet the EN 60974 – 1 standard.

* at 100 % of duty cycle 40 °C