

Description	Configuration	Torch	Power supply	Power range	Pulse	Cycle
IM240-i	STEEL welding 0.6-1.0 mm	1 × MB15, 3 m	230 V / 1-phase	20-200 A		2
IM240-3	STEEL welding MIG brazing 0.6-1.0 mm 0.8-1.0 mm	2 × F200, 3 m	230 V / 1-phase	20-200 A		2
IM240-3 incl. Spool Gun	STEEL welding MIG brazing 0.6-1.0 mm 0.8-1.0 mm	2 × F200, 3 m 1 × Spool Gun	230 V / 1-phase	20-200 A		2
IP4-2 InvertaPuls	STEEL welding MIG brazing 0.6-1.0 mm 0.8-1.0 mm	2 × 3G, 3 m	$\frac{400\text{ V } 3\text{-phase}}{200\text{ V (USA etc.)}}$	10-240 A	•	2/4
IP4-3 InvertaPuls	STEEL welding ALU welding MIG brazing 0.6-1.0 mm 0.8-1.2 mm 0.8-1.0 mm	3 × 3G, 3 m	$\frac{400\text{ V } 3\text{-phase}}{200\text{ V (USA etc.)}}$	10-240 A	•	2/4
IP6-2 InvertaPuls	STEEL welding MIG brazing 0.8 mm 1.0 mm	2 × F200, 3 m	$\frac{400\text{ V } 3\text{-phase}}{200\text{ V (USA etc.)}}$	10-280 A	•	2/4
IP6-2 D InvertaPuls	STEEL welding ALU welding 0.8-1.0 mm 1.0-1.2 mm	2 × 3G, 3 m	$\frac{400\text{ V } 3\text{-phase}}{200\text{ V (USA etc.)}}$	10-280 A	•	2/4
IP7-2 InvertaPuls	STEEL welding MIG brazing 0.6-1.0 mm 0.8-1.0 mm	2 × 3G, 3 m	$\frac{400\text{ V } 3\text{-phase}}{200\text{ V (USA etc.)}}$	10-280 A	•	2/4
IP7-2 InvertaPuls	STEEL welding ALU welding 0.6-1.0 mm 1.0-1.2 mm	2 × 3G, 3 m	$\frac{400\text{ V } 3\text{-phase}}{200\text{ V (USA etc.)}}$	10-280 A	•	2/4

WS TIG 200	TIG welding AC/DC	TIG torch, 4 m	230 V	200 A	TIG only	2/4
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Stud welding machines

Description	Welding procedure	Standard torch 3 m	Power supply	Power range	Welding range
Alu Pull Kit AK 98	peak ignition	studs welding gun for ALU	115 V / 230 V (AC)	50-200 A	alu pins Ø 2/3 mm studs M3 - M8
BSP 03	stroke ignition	studs welding gun for STEEL	$\frac{400\text{ V } 3\text{-phase}}{200\text{ V (USA etc.)}}$	800 A	pulling pins Ø 5 / 6 × max.40 mm



IM 240-1



IM 240-3



IM 240-3 + Spool Gun



IP4-2



IP4-3

Thin sheet welding	TIG WIG DC V2A	Drive	Wire rollers	Wire coil Ø	Gas bottle holder	Gas type	Updateable	Item no.	ref.
	•	2 drives	4 guidance	1 x K300 < 15 kg	1 x 20 liter	M21**	•	341290	page 64
	•	2 drives	4 guidance	2 x D200 2 & 5 kg	2 x 20 liter (50 l optional)	Argon 4.6 M21	•	341292	page 65
	•	2 drives	4 guidance	2 x D200 2 & 5 kg	2 x 20 liter (50 l optional)	Argon 4.6 M21**	•	341293	page 65
•*	•	2 drives	4 guidance	2 x D200 2 & 5 kg	2 x 20 liter (50 l optional)	Argon 4.6 M21**	•	<u>341295</u> 341296	page 62
•*	•	2 drives	4 guidance	3 x D200 2 & 5 kg	2 x 20 liter (50 l optional)	Argon 4.6 M21**	•	<u>341298</u> 341299	page 61
•*	•	4 drives	4 guidance	2 x D200 2 & 5 kg	1 x 20 liter (50 l optional)	Argon 4.6 M21**	•	<u>331006</u> 332006	page 60
•*	•	4 drives	4 guidance	2 x D200 2 & 5 kg	2 x 20 liter (50 l optional)	Argon 4.6 M21**	•	<u>331007</u> 332007	page 58
•*	•	4 drives	4 guidance	2 x D200 2 & 5 kg	2 x 20 liter (50 l optional)	Argon 4.6 M21**	•	<u>331026</u> 332026	page 59
•*	•	4 drives	4 guidance	2 x D200 2 & 5 kg	2 x 20 liter (50 l optional)	Argon 4.6 M21**	•	<u>331027</u> 332027	page 66

*ACT = Automotive Cold Transfer I welding mode for thin sheets

**mixed gas M21C18, 80/20, 82/18

	MMA / TIG WIG				1 x 5 liter	14.8 kg (without torches)		331061	page 67
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Welding sequence	Welding time	Material	Certification	Weight	Item no.	ref.
up to 20 studs/min. (depending on the diea-meter)	1-3 ms	aluminium, steel stainless steel, brass metal	UL	11 kg incl. gun	361000	page 76
up to 3 pins/min. (with Ø 6 mm)	1-199 ms (adjustable)	steel and heat resistance steel	UL	32 kg	341001	page 78



IP6-2



IP7-2



TIG 200



AK 98



BSP 03