



		MMA						MMA/MIG/MAG/FCAW						MMA/TIG			
		SUPERFORCE 230	POCKETFORCE 200	POCKETPOWER 190	POCKETPOWER 170	POCKETPOWER 150	POCKETPOWER 130	POWERMIG 263 IGBT	POWERMIG 261 IGBT	POWERMIG 221 IGBT	POCKETMIG 215 ALUFLUX	POCKETMIG 195 ALUFLUX	POCKETMIG 175 FIXIFLUX	MICROFLUX 121 NOGAS	SUPERTIG 200 AC/DC	SUPERPULSE 200	SUPERTIG 200 HF
Art. Nr.		80GOSFPC230	80POCFRC200	80POCPWR190	80POCPWR170	80POCPWR150	80POCPWR130	80PWRMIG263	80PWRMIG261	80PWRMIG221	80POCMIG215	80POCMIG195	80POCMIG175FFX	80MROMIG121	8TIG200SPRACDC	8TIG200SPUL	80GOSUPTIG200
GENERAL	Inverter type	IGBT	IGBT	IGBT	IGBT	IGBT	IGBT	SOFT SWITCH IGBT	SOFT SWITCH IGBT	SOFT SWITCH IGBT	IGBT	IGBT	IGBT	IGBT	IGBT	IGBT	IGBT
	Digital display	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓
	Plastic case	✗	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
MIG/MAG	Reverse Polarity - FCAW	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗
	2T/4T	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗
	Number of Wire Feeder Rolls	✗	✗	✗	✗	✗	✗	4	4	2	2	2	2	2	✗	✗	✗
FUNCTIONS	Arc ignition	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
	DC TIG	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	HF	HF	HF
	Pulse DC TIG	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓
	AC AWI	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
	Pulse AC TIG	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
	2T/4T	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓
	SPOT	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗
MMA	Arc Force	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✓	✓	✓
	Adjustable Arc Force	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
	Hot Start	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗
	Anti Stick	✗	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Accessories Welding Torch		-	-	-	-	-	-	IGrip 240	IGrip 240	IGrip 150	IGrip 150	IGrip 150	FIX IGrip 150	FIX IGrip 150	IGrip SR26	IGrip SR26	IGrip SR26
Phase number		1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1
Rated input Voltage		230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	3x400V AC ±10% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±15% 50/60 Hz	230 V AC±10% 50/60 Hz	230 V AC±10% 50/60 Hz	230 V AC±10% 50/60 Hz	230 V AC±10% 50/60 Hz	230 V AC±10% 50/60 Hz
Max./eff. input Current	MMA	45A/33A	41A/29.8A	36.5A/25.6A	31A/23A	26.7A/19.5A	22.1A/16.4A	23.7A/17A	41A/29A	30.8A/22.6A	30.8A/22.6A	30.8A/20.2A	30.8A/22.6A	-	35.4A/27A	26A/18.7A	26A/18.7A
	MIG/TIG	-	-	-	-	-	-	12.7A/8.7A	49A/33A	35.0A/25.0A	35A/25A	30.8A/20.2A	26.6A/18.6A	16.8A/10A	32.7A/25A	26A/18.7A	26A/18.7A
Power Factor (cos φ)		0.73	0.73	0.73	0.73	0.73	0.73	0.93	0.93	0.93	0.7	0.7	0.7	0.7	0.93	0.93	0.93
Efficiency		85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	≥85%	≥85%	≥85%
Duty Cycle (10 min/40 °C) (10 min/20 °C)*		215A@60% 166A@100%	200A@60% 154A@100%	180A@60%* 139A@100%*	160A@60%* 124A@100%*	140A@60%* 108A@100%*	120A@60%* 93A@100%*	250A@60% 193A@100%	250A@60% 193A@100%	200A@60% 155A@100%	200A@60% 155A@100%	180A@60% 132A@100%	160A@60% 124A@100%	120A@40% 76A@100%	200A@60%* 155A@100%*	200A@60%* 155A@100%*	200A@60%* 155A@100%*
Welding Current Range	MMA	20A-215A	20A-200A	20A-180A	20A-160A	20A-140A	20A-120A	30A-250A	30A-250A	30A-160A	30A-160A	30A-160A	30-160A	-	10A-160A	10A-160A	10A-160A
	MIG/TIG	-	-	-	-	-	-	50A-250A	50A-250A	50A-200A	50A-200A	50-180A	50-160A	50A-120A	5A-200A	10A-200A	10A-200A
Output Voltage	MMA	20.8.V-28.6V	20.8V-28V	20.8V-27.2V	20.8V-26.4V	20.8V-25.6V	20.8V-24.8V	11.0V-29.0V	11.0V-29.0V	11.0V-27.0V	15.5V-24V	15.5V-23V	15.5V-22V	-	20.4V-26.4V	20.4V-26.4V	20.4V-26.4V
	MIG/TIG	-	-	-	-	-	-	16.5V-26.5V	16.5V-26.5V	16.5V-24.0V	15.5V-24V	15.5V-23V	15.5V-22V	15.5V-20V	10.2V-18V	10.4V-18V	10.4V-18V
No-Load Voltage		77V	64V	64V	64V	64V	64V	56.5V	56.5V	54V	53V	53V	56V	55V	62V	56V	56V
Insulation		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Protection Class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Welding Wire Diameter		Ø2.0-6.0mm	Ø2.0-5.0mm	Ø2.0-4.0mm	Ø2.0-4.0mm	Ø2.0-3.2mm	Ø2.0-3.2mm	0.6-1.2mm	0.6-1.2mm	0.6-1.0mm	0.6-1.0mm	0.6-0.8mm	0.6-0.8mm	0.6-0.8-0.9mm	-	-	-
Size of Coil		-	-	-	-	-	-	Ø 270 mm, 15 kg	Ø 270 mm, 15 kg	Ø 270 mm, 15 kg	Ø 270 mm, 15 kg	Ø 200 mm, 5 kg	Ø 200 mm, 5 kg	Ø 100 mm, 1 kg	-	-	-
Weight		8.5 kg	3.5 kg	2.8 kg	2.8 kg	2.8 kg	2.8 kg	39 kg	38 kg	37 kg	14 kg	12.5 kg	10 kg	5.24 kg	9 kg	5.7 kg	5.7 kg
Dimensions (LxWxH)		375x155x215mm	310x130x210mm	230x100x150mm	230x100x150mm	230x100x150mm	230x100x150mm	920x300x660mm	920x300x660mm	920x300x660mm	580x250x440mm	485x185x370mm	430x200x290mm	325x165x225mm	426x162x326mm	410x135x238mm	410x135x238mm