



MAXI



STEP ADJUSTMENT SEMI-AUTOMATIC WELDING MACHINES WITH SEPARATE WIRE FEEDER

Semi-automatic welding equipment, with separate wire feeder, recommended for industrial applications, medium and large fabrication work.

MAXI power sources, usable with a wide selection of wire feeders and different length interconnecting cables, are the most complete solution for any job and ensure excellent welding performances on any thickness by granting a very stable arc in any welding position.



- ▶ Excellent welding characteristics on any material and with any gas type
- ▶ Ideal for welding any metal in any industrial application
- ▶ Metallic main structure with shockproof fibre compound front frames
- ▶ Standard version supplied with cylinder carriage and robust wheels
- ▶ Control panel protected against accidental impact
- ▶ Large ergonomic handle for an easy manoeuvrability

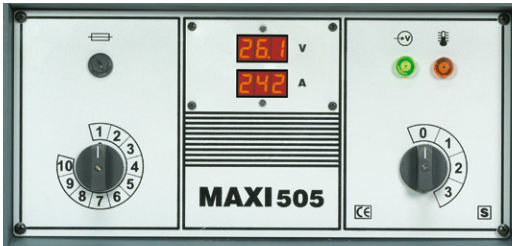
TR - WF

- ▶ External Burn-Back and motor ramp adjustments for a precise arc striking
- ▶ 2/4 stroke selector switch
- ▶ Water and gas quick connections
- ▶ Professional wire feeding mechanism for a precise and constant wire driving
- ▶ Double groove rolls replaceable without any tool

SWF STRONG FEEDER

SWF feeders, with robust polypropylene suitcase, ideal for site jobs and harshest environments. They can be used for wires spools up to 300 mm Ø. (V/A meter available on request).

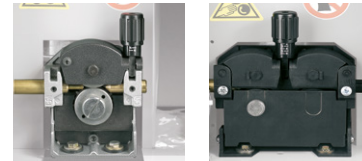




CONTROL PANEL

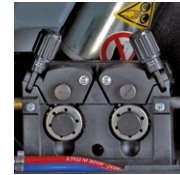
- ▶ Mains switch and welding voltage range switch
- ▶ Voltage fine adjustment switch
- ▶ Optional digital ammeter/voltmeter with hold function of the last welding parameters
- ▶ Double inductance connection for a better welding pool in any position

TECHNICAL DATA		TR 2	TR 4	SWF	WF 5
Single phase input 50/60 Hz	V	48	48	48	48
Motor power	W	100	100	100	100
Rolls	N°	2	4	4	4
Feeding speed	m/min	0,5 - 24	0,5 - 24	0,5 - 20	0,5 - 20
Solid wire (steel)	∅ mm	0,6 - 2,4	0,6 - 2,4	0,6 - 2,4	0,6 - 2,4
Dimensions	↗ mm	450	450	540	570
	→ mm	230	230	235	275
	↑ mm	315	315	485	400
Weight	kg	11,5	11,5	14	17



TR 2

TR 4



SWF - WF 5

TECHNICAL DATA		MAXI		
		315	405	505
Three phase input 50/60 Hz	V	230/400	230/400	230/400
Input Power @ I ₂ Max	kVA	13,8	19	24,2
Delayed Fuse (I ₂ @ 60%)	A	16/10	35/20	40/25
Power Factor / cos φ		0,95	0,96	0,97
Efficiency Degree		0,70	0,77	0,78
Open circuit voltage	V	18 - 43,5	20 - 44	19 - 51
Adjustment positions	N°	10	20	30
Current range	A	30 - 300	60 - 400	60 - 500
Duty cycle at (40°C)	A 100%	170	230	300
	A 60%	225	300	370
	A 35%	300	400	500
	A 20%	---	---	---
Wires	∅ mm	0,6 - 1,2	0,6 - 1,6	0,8 - 2,0
Standards		EN 60974-1 • EN 60974-10		
		S		
Protection Class	IP	23 S	23 S	23 S
Insulation Class		H	H	H
Dimensions	↗ mm	1020	1060	1060
	→ mm	540	600	600
	↑ mm	790	780	780
Weight	kg	70	99	113

ACCESSORIES

- Wheel kit for TR feeders
- Spool cover for TR feeders
- Wheel kit for WF feeders
- IR 14 water cooling equipment (MAXI 405 - 505)



Other voltages available on request

These power sources are built for industrial environment use. EMC (CISPR 11): class A

