



# 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

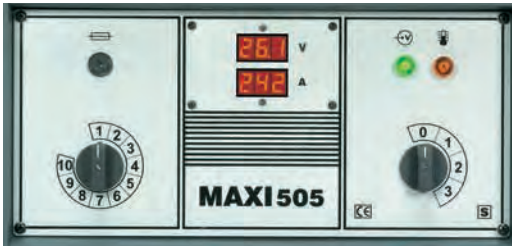
### TR - WF

- ▶ 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/Ameter 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 <sub>2</sub> Max	kVA	13,8	19	24,2
Delayed Fuse (I <sub>2</sub> @ 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		
		<b>S</b>		
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)

