



MAXI



CV



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+ -

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.

MAXI SYNERGIC

The range is completed by MAXI 4005 and 5005 synergic machines equipped with ES 5 digital feeder with preset welding programs, which allow, in a user

friendly way, also non expert users to very easily adjust the welding parameters. The ES 5 feeder, thanks to latest and innovative microprocessor based digital technology, chooses, within preset programs, the best welding parameters according to used material, gas and wire diameter, thus enabling high quality MIG/MAG welding on any material.

Depending on used material thickness, an easy-to-read table shows in which position to set both commutator switches to automatically obtain the best welding result.

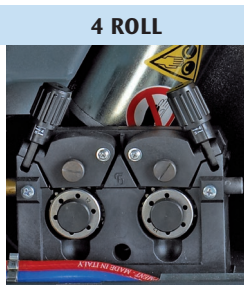
Technologically advanced, robust and easy-to-use, MAXI 4005 and 5005 with ES 5 provide the additional synergic feature on top of the already excellent characteristics of the MAXI power sources.



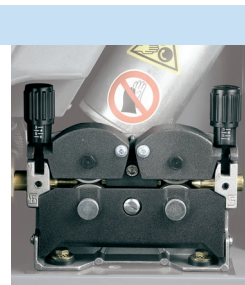
TR 2



TR 4



SWF - WF 5



WF 4 - ES 5

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

TECHNICAL DATA		MAXI				MAXI SINERGIC	
		255 M	315	405	505	4005 ES 5	5005 ES 5
Single phase input 50/60 Hz	V	230	---	---	---	---	---
Three phase input 50/60 Hz	V	---	230/400	230/400	230/400	230/400	230/400
Input Power @ I ₂ Max	kVA	11,8	13,8	19	24,2	19	24,2
Delayed Fuse (I ₂ @ 60%)	A	25	16/10	35/20	40/25	35/20	40/25
Power Factor / cos φ		0,80	0,95	0,96	0,97	0,96	0,97
Efficiency Degree		0,58	0,70	0,77	0,78	0,77	0,78
Open circuit voltage	V	23 - 50	18 - 43,5	20 - 44	19 - 51	20 - 44	19 - 51
Adjustment positions	N°	7	10	20	30	20	30
Current range	A	50 - 250	30 - 300	60 - 400	60 - 500	60 - 400	60 - 500
Duty cycle at (40°C)	A 100%	110	170	230	300	230	300
	A 60%	150	225	300	370	300	370
	A 35%	200	300	400	500	400	500
	A 20%	250	---	---	---	---	---
Wires	Ø mm	0,6 - 1,2	0,6 - 1,2	0,6 - 1,6	0,8 - 2,0	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	23 S	23 S	23 S
Insulation Class		H	H	H	H	H	H
Dimensions	↗ mm	1020	1020	1060	1060	1060	1060
	→ mm	540	540	600	600	600	600
	↑ mm	790	790	780	780	780	780
Weight	kg	62	70	99	113	102	116

Other voltages available on request

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



ISO 9001: 2008