



# TM - ARC - TRIARC



CC



TM



AC

ARC - TRIARC



DC  
+ -

## DC THREE PHASE ELECTRODE WELDERS WITH ADJUSTMENT BY MAGNETIC SHUNT

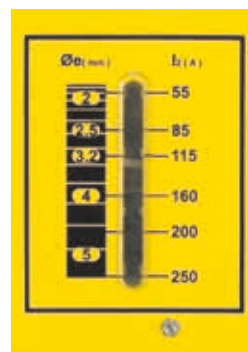
Excellent arc characteristic, product sturdiness and reliability are the main features of TM, ARC and TRIARC models. Suitable for heavy duty application in maintenance, fabrication works, shipyards and steel construction, these machines ensure a great welding arc stability.

TRIARC's, fitted with smoothing inductance, grant more stable and soft arc and are also suitable for welding cellulosic electrodes. Single phase TM's, thanks to a higher open circuit voltage, are useful to weld basic electrodes in AC.

- ▶ Continuous welding current adjustment by magnetic shunt
- ▶ Suitable for welding any electrode (cellulosic electrodes only with TRIARC models)
- ▶ Sturdy and reliable
- ▶ Standard delivered with large wheels and strong handles for easy manoeuvrability
- ▶ Easy change over of mains supply voltage by switch
- ▶ Welding current and electrode indicator



TECHNICAL DATA		TM 401
Single phase input 50/60 Hz	V	220/380
Input Power @ I <sub>2</sub> Max	kVA	25,5
Delayed Fuse (I <sub>2</sub> @ 100%)	A	80/50
Power Factor / cos φ		0,62
Open circuit voltage	V	70
Current range	A	60 - 350
Duty cycle at (40°C)	A 100%	200
	A 60%	250
	A 35%	350
Electrodes	∅ mm	2 - 6
Standards		EN 60974-1 • EN 60974-10
Protection Class	IP	23 S
Insulation Class		H
Dimensions	↗ mm	1000
	→ mm	560
	↑ mm	730
Weight	kg	79



TECHNICAL DATA		ARC				TRIARC		
		253	303	403	503	306/L	406/L	506/L
Three phase input 50/60 Hz	V	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Input Power @ I <sub>2</sub> Max	kVA	16,8	20,5	26,8	32,5	19,7	29,8	38,2
Delayed Fuse (I <sub>2</sub> @ 100%)	A	32/20	40/25	50/32	63/35	40/25	50/32	63/40
Power Factor / cos φ		0,73	0,75	0,71	0,71	0,75	0,75	0,79
Open circuit voltage	V	65	65	71	75	65	75	75
Current range	A	55 - 250	70 - 300	60 - 370	70 - 450	45 - 270	60 - 400	80 - 500
Duty cycle at (40°C)	A 100%	135	145	200	230	145	230	290
	A 60%	170	180	260	300	180	300	380
	A 35%	230	260	350	400	260	400	500
Electrodes	∅ mm	2 - 5	2 - 5	2 - 6	2,5 - 8	1,6 - 5	2 - 8	2,5 - 8
Standards		EN 60974-1 • EN 60974-10				EN 60974-1 • EN 60974-10		
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Protection Class	IP	23 S	23 S	23 S	23 S	23 S	23 S	23 S
Insulation Class		H	H	H	H	H	H	H
Dimensions	↗ mm	880	880	1120	1120	880	1120	1120
	→ mm	425	425	570	570	425	570	570
	↑ mm	690	690	725	725	690	725	725
Weight	kg	53	64	95	117	82	122	139

Other voltages available on request

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



ISO 9001: 2008