



Saturn 301 M2.40 FKG



- MIG/MAG standard welding machines, step switch controlled, gas-cooled
- Compact, mobile, can be lifted by crane and moved by fork lift
- 4-roller wire feed, equipped for 0.8 mm + 1.0 mm steel wires
- 5 m mains supply lead

	MIG/MAG	
Setting range for welding current	30 A - 300 A	
Duty cycle at ambient t.e	25 °C	40 °C
40 %	–	300 A
45 %	300 A	–
60 %	250 A	190 A
100 %	190 A	160 A
Open circuit voltage	40 V	
Mains frequency	50 Hz / 60 Hz	
Mains fuses (slow-blow)	3 x 16 A	
Mains voltage (tolerances)	3 x 400 V (-15 % - +15 %)	
Max. connected load	12.8 kVA	
Recommended generator power	18 kVA	
Drive rollers	4	
Wire speed	0.5 m/min - 24 m/min	
Dimensions, machine, LxWxH in mm	930 x 460 x 730	
Weight, machine	100 kg	
Switching steps	12	
Protection classification	IP 23	
Insulation class	H	
Torch connection	Euro torch connector	
Standards	IEC 60 974-1; -5; -10 / CE / S-Safety sign / EMC class A	



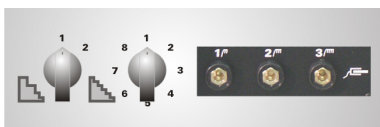
The perfect start

Optimised ignition characteristics plus creep start and free-burn functions ensure reproducible ignition of the arc.



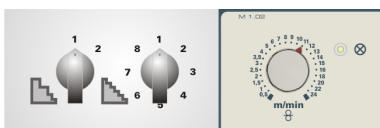
Self-explanatory and clear operating concepts

M1.02 – classical operation, all settings directly accessible



Excellent welding properties

Fine welding voltage adjustment and optimised welding choke guarantee perfect adaptation to different materials. Saturn and Wega with additional taps.



Tried-and-tested operation

The operating point is selected using the step switch and wire feed controller