

# MasterTig 535ACDC GM



## OVERVIEW

500 A AC/DC, 3-phase generator and multi-voltage use

## TECHNICAL SPECIFICATIONS

### MasterTig 535ACDC GM

Product code	MT535ACDCGM
Connection voltage 3~ 50/60 Hz	220 ... 230 V; 380 ... 460 V $\pm$ 10 %
Fuse	32A (220-230V) / 25A (380-460V)
Stick electrode sizes	1,6...7,0 mm
Recommended generator power (min)	35 kVA
Open circuit voltage (average)	50 V
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	860x263x610
Weight (no accessories)	57 kg
Degree of protection	IP23S
Standards	EN IEC 60974-1, EN IEC 60974-3, EN IEC 60974-10, GB/T 15579.1
EMC class	A
Rated maximum output at 40 °C (40 % TIG)	500A/30V (400V) 450A/28V (220V)
Rated maximum output at 40 °C (60 % TIG)	400A/26V (400V) 400A/26V (220V)
Rated maximum output at 40 °C (100 % TIG)	300A/22V (400V) 300A/22V (220V)
Rated maximum output at 40 °C (40 % MMA)	380A/35,2V (220)
Rated maximum output at 40 °C (60 % MMA)	400A/36,0V (400V) 320A/32,8V (220V)

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Rated maximum output at 40 °C (100 % MMA)	300A/32,0V (400V) 270A/30,8V (220V)
Range of output TIG	3A/1V-500A/37V(400V) / 3A/1V-450A/32V(220V)
Range of output MMA	10A/10V-400A/39V(400V) / 10A/10V-380A/37V (220V)