



HIMALAYAN POWER MACHINE MFG. CO.

Part of Khasra No. 51 and 52 Ka, Village Kuanwala, Haridwar Road, Dehradun,
Uttarakhand – 248001

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Specification Sheet For Model GE-5000 – MIG 160 G (Combo Welder)



		Model Name	GE-5000 – MIG 160 G (Combo Welder)
MIG 160 G / MIG / MMA	Special Highlights & Applications		<ul style="list-style-type: none"> • Most suitable for Low Current & medium Current Welding of thin Sheets, Arc Welding (MMA) on MS Sheets / Parts, MIG Welding of quality and high Speed Production jobs of MS Parts & sheet Metal Jobs in Areas having no access to electricity. • Generator 5 KVA - AC 230 V, 50 Hz Output for Running AC Appliances
	Model		MIG 160 G
	Power Voltage (V)		1P -230±15%
	Frequency (Hz)		50/60
	Rated input Current (A)		MIG : 26.2
			MMA : 26.7
	No-load voltage (V)		59
	Output Current (A)		MIG: 30-160
			MMA : 30-140
	Output Voltage (V)		MIG : 15.5-22
			MMA : 21.2-26.6
	Duty Cycle (%)		30
	Power Factor		0.73
	Efficiency (%)		80
	Wire Speed (m/min)		2-10
	Post flow (S)		1
Wire diameter (mm)		MIG : 0.6-0.8	
		Electrode Dia : 1.6 mm to 3.2 mm (for arc Welding)	
Suitable thickness (mm)		0.8-2.5	
Housing Shielding Grade		IP21	
Insulation Grade		F	
Cooling method		Fun-cooled	



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	Weight (kg)	9.7
	Dimension (mm)	430*170*315
Generator	AC Generator	GE 5000 R
	*Max AC. Output VA	4200 / 5000
	*Rated AC. Output VA	3900 / 4400
	Rated Current Amps	17
	NFB Amps	18
	AC. Voltage at No Load	250 Volts ± 5 Volt 50 / 60 Hz, Single Phase
	AC. Voltage at Rated Load	220 Volts ± 10 Volts,
Alternator	#Alternator Max. Current Capacity	24 Amps.
	Alternator	Brushless, Rare Earth Magnetic Rotor, THD ≤5 %, Pure Sine Wave
Engine	Model	HM170 P
	Type	OHV25° Inclined, Single Cylinder, 4 Strokes, S.I, Forced Air Cooling
	Maximum Power	7.5 HP @ 3600
	Bore x Stroke	70x58 mm
	Displacement	223cc
	Starting System	Recoil Start and Self Start + Remote Start
	Fuel	Petrol
	Fuel Tank Capacity	Petrol - 12.0 Ltr.
	Fuel Consumption	Petrol: 1.5 Ltr./hr.
	Continues Running (With One Filling)	8 Hrs.
	Lube. Oil Capacity	600 ml.
	Lubricating Oil Consumption	2.5 gm./Hr.
	Sound level (Db) (from 1 meter)	<86Db
Panel & Other Standard Features	Voltmeter	Yes (Analogue)
	Digital Hour Meter	No
	Oil Alert System	Yes
	LPG/ Gas Fuel Compatibility	Yes
	AMF Panel Auto & Remote Start Compatibility	Yes
	Fuel Level Gauge	Yes
	Overload Protection (NFB)	Yes
	Costar Wheels & Handle Sets	Yes
	Gross weight-KG (With Battery)	60 KG / 65 KG
Size & Weight	Dimension LxWxH (mm)	600x450x615 mm
	Battery Specification	12 Volt 9 Ah Size =135×75×140 (L×W×H)

Specifications are for reference only, Because of continuous improvements and up-gradation by our R&D team. This specifications can change without any prior intimation