



Data sheet

Process	Supply Voltage (VAC)	Rated output at 40% Duty Cycle	Welding Amperage Range	Max. Open Circuit Voltage	Input at Rated Output, 60 Hz.			Dimensions in (mm)	Weight lb (kg)
					A	kVA	Kw		
Stick	Motor (220V)	160 A @ 24.4 VDC	15 A - 160 A	85 V	-	-	-	H: 25.2 (640) W: 26 (660) L: 33 (830)	Net: 231.4 (105) Ship: 264.5 (120)
TIG		160 A @ 16.4 VDC	15 A - 160 A		-	-	-		
Stick	External 127 V External 220V	120 A @ 22.8 VDC	15 A - 120 A		33.6	4.2	3		
		160 A @ 24.4 VDC	15 A - 160 A		38.4	8.5	5.3		
TIG	External 127 V External 220V	120 A @ 14.8 VDC	15 A - 120 A	25	3.1	2.2			
		160 A @ 16.4 VDC	15 A - 120 A	30	6.6	4.1			

Process:

- STICK, Stick Welding (SMAW) in diameters from 1/16 "to 5/32" (1.6 mm to 4.0 mm) on E7018, E6013 and stainless steel electrodes.
- DC TIG (GTAW) mainly for stainless steel welding, with controlled arc starting with CONTAC-TIG system with tungsten electrode in diameters from 0.040 "and 1/6" (1 mm to 1.6 mm).
- Operates as a 120 or 240 V, 1 phase, 60 Hz welder or auxiliary power plant.

Advantages:

- Manual start.
- Manual acceleration system.
- Alternator type generator, specially designed for the welding process.
- Recommended for light industrial work
- Easy to transport, light and safe.
- Fine adjustment current control.
- Auxiliary output of 7500 watts peak for the operation of power tools or lighting in night work.
- KOHLER brand, CH440, single cylinder, air-cooled engine 14 hp @ 3600 rpm.
- Gasoline engine, low fuel consumption 3.8 L / h
- 7 liter fuel tank capacity
- Solid state ignition system.

Engine Specifications:

Motor	Power	Type	Input at Rated Output, 60Hz.	Capacity from:	Sistem From Startup
<i>Kohler CH 440</i>	14 HP @ 3600 RPM	Single - Cylinder Air-cooled	6500 W Peak 6200 W continuous	Fuel: 7 L Of Oil: 0.980 L	Manual with picket retractable



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Advantages:

- From the power source:
- Inverter type power source
- Dual supply voltage 127/220 V, C.A. +/- 10 V% (automatically configured according to the voltage present)
- Digital process selector
- Electronic current control that allows a precise adjustment of the welding current.
- Protection against excessive heating that prevents damage to equipment from abuse of duty cycles
- Forced ventilation cooling system.
- Indicator lights for power, supply voltage present, process and thermal protection.

Comes With:

- Wheels and handlebars installed on the machine
- Set of cables for welding (with earth clamp, electrode holder and quick connectors).
- Power cord.
- User manual that includes: operation guide, maintenance guide, parts list and warranty policy.

Applications:

- Welding in power supply areas
- Lighting in night work areas.
- Power tool operation.
- Generation of electrical energy for domestic use, outdoor activities, camps, buildings, among others.



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