



**YANMAR**

**GS-WG300DY**



Compact and resistant engine driven welder, thanks to the forklift pockets and the practical central lifting hook is suitable for frequent handling. Equipped with Yanmar 3000 RPM engine and on board control, it's fitted for remote control operation.

Asynchronous alternator for a better welding current quality, clean and distortion free wave form.

**OPTIONAL ACCESSORIES**

WCS50-10	Welding cable set 50mm x 10 mtr
GS-133210/20	Welding remote control
GS-TROLLEYMPM8/300IK	Trolley
GS-GRT2W8/300IKZ	2 wheel site trailer
GS-RT300	Roadtow
GS-10MICC	Interconnection cables
GS-SWF	CEA wire feeder
Reverse polarity switch kit (separate) MIG wire feeder	
Parallel welding box with ammeter and voltmeter	

**PETRO CHEMICAL SPECIFICATIONS**

- Chalwyn Valve
- Spark arrestor

\*Excludes engine warranty.

Please refer to specific engine manufacturer for engine warranty terms.

**Shielded Metal Arc Welding (SMAW)  
CV MIG (GMAW)**

- Arc force control
- Remote control socket
- Controller with digital display for monitoring of generator parameters: generator voltage, battery voltage, frequency, hourmeter, oil pressure, water temperature, fail to start
- With auto engine protection shutdown system in case of:
  - low oil pressure, high coolant temperature, over/under voltage, over/under frequency
  - High alternator temperature warning light
- Starting battery
- Automatic idle device when no load is connected
- Emergency stop button
- 1 x 32A 110V single phase socket
- 1 x 32A 230V single phase socket
- 1 x 16A 400V three phase socket
- Earth leakage circuit breaker (ELCB)
- Power output protections
- Central lifting hook
- Engine oil drain pipe

<b>Noise Level (LWA)</b>	99 (74dB a 7m)
<b>AC Generator 50Hz</b>	Asynchronous
<b>Three Phase Max. Power</b>	8kVA - 400V
<b>Single Phase Max. Power</b>	4.6kVA - 230V
<b>Single Phase Max. Power</b>	2.7kVA - 110V
<b>Power Factor</b>	
<b>DC Welding</b>	Electronic current regulation
<b>Duty Cycle @ 60%</b>	270A - 31V
<b>Output Range</b>	30A - 300A
<b>Open Circuit Voltage</b>	70V
<b>Max Welding Rod</b>	6mm
<b>Yanmar Engine</b>	3TNM72
<b>Fuel</b> Diesel	
<b>No. Cylinders</b>	3
<b>Power</b>	19.4HP (14.4kWm)
<b>Displacement</b>	904cm <sup>3</sup>
<b>Cooling System</b>	Water
<b>Starting System</b>	Electric
<b>Fuel Tank Capacity</b>	30l
<b>Fuel Consumption @ 75%</b>	5.1l/h
<b>Insulation Class</b>	H
<b>Ambient Temperature</b>	40°C
<b>Altitude</b>	1000m
<b>Degree of Protection</b>	IP23
<b>Dimensions (LxWxH)</b>	1408 x 532 x 1015mm
<b>Dry Weight</b>	385Kg



Wilkinson Star Limited, Shield Drive,  
Wardley Industrial Estate, Worsley,  
Manchester, M28 2WD

wilkinsonstar247.com  
+44(0)161 793 8127