



### **Widmann WM160WY: Heavy Duty Inverter DC Arc Welding Machine IGBT-160**

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**Manufacturer: Widmann**

**Reference: WM160WY**

**Options:**

**Color : Red, Yellow**

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Fan-As-Needed™ (F.A.N.™)- reduces noise and dust inside the machine.

Auto-Adaptive Arc Force- minimizes electrode sticking in the puddle without compromising arc stability or increased spatter.

Automatic Hot Start- boosts the current during starting to make striking an arc easier.

Touch Start TIG® mode – it's like getting a TIG welder for free!

Using the most advanced IGBT or MOSFET inverter technology, simple circuit, small size, lightweight, high efficiency and energy saving.

Super-compensation of the power grid capacity, anti-supply voltage fluctuations, the stability of welding current, reliable performance.

No-load loss, with the traditional machine, than can be saving 50%.

Inverter frequency of 30-100KHz, the dynamic response of high-speed, easy arc ignition, arc stability, high strength

### **Welding Machine Applications:**

Widely used in a variety of materials such as mild steel, carbon steel, alloy steel in the industries of structural steel, light industrial fabrication, repair, and maintenance, etc.

### **Features:**

Portable PWM controls IGBT Inverter welding machine that is available for rutile and basic electrode. Auto-Adaptive Arc Force minimizes electrode sticking in the puddle without compromising arc stability or increased spatter. Automatic Hot Start boosts the current during starting to make striking an arc easier. Auto restore fuse protects the machine from input over-current and self resets without any difficult fuse changes.

### **Specifications:**

Power voltage(V): 1phase AC220V  $\pm 15\%$  Frequency: 50/60Hz Rated input current: 6.5A No-load voltage: 62V Output current: 30-160A Rated output voltage: 26.5V Force range(A): n/a Duty cycle: 80% No-load loss(W): n/a Efficiency: 85% Power factor: 0.73 Insulation grade: F Housing protection grade: IP21S Weight: 3.8kg Dimensions: 292mm×140mm×200mm



<b>EAN :</b>	0634158798801
<b>Weight :</b>	5.50 Kg
<b>Volume :</b>	0.00818 m <sup>3</sup>
<b>(L x l x H) :</b>	37.00 cm x 18.00 cm x 28.00 cm
<b>Box</b>	1 units
<b>Pallet</b>	72 (Units)
<b>Box dimensions</b>	37cm x 18 cm x 28cm

[Link to the product](#)