



## ***ARC 315 / ARC 400 / ARC 500***

The **WELDMART SMAW** (Shielded Metal Arc Welding) also known as DC stick welding machines **ARC 315 / 400 / 500** are widely used in industrial and construction application. When designed with 3 phase power sources, these machines offer enhanced performance, reliability, and efficiency. It was built in mind for industrial environments, with rugged component that can withstand high workloads and harsh condition. These machines are suitable for **construction and infrastructure projects, pipeline welding, shipbuilding and repair, heavy fabrication, education TVET use, and general maintenance.**

### **Features:**

- The ARC series comes with a Digital display for welding adjustable precision.
- Arc striking current can be adjustable individually, with excellent striking performance.
- Its simple designs are known for their simplicity and reliability, require minimal set up and maintenance.
- Thrust current can be adjusted arbitrarily.
- With its 60% duty cycle, it will allow for continuous welding without overheating
- These machines can work with a wide range of stick electrodes, including
  - Cellulosic Electrodes (e.g. E6010)
  - Rutile Electrodes (e.g. E6013)
  - Basic / Low – hydrogen electrodes (e.g. E7018)
- Temperature protection, over-current protection, short- circuit protection, etc
- These machines are suitable for welding a variety of materials, including Carbon Steel, Stainless Steel, Cast Iron and Nickle Alloys.

**Technical Parameters: -**

Model	ARC 315	ARC 400	ARC 500
Input voltage	1 ph240V/2 ph 415	3 ph 415V±15	3 ph 415V±15%
Frequency	20KHz	50/60Hz	50/60Hz
Rated Input current	-	32A	38A
Rated input capacity	9KVA	21.8KVA	23.8KVA
Non-load voltage	23V	75V	75V
Duty cycle	60%	60%	60%
Current range	10-315A	40-400A	40-500A
Full load efficiency	85%	89%	89%
Shell protection grade	IP21S	IP21S	IP21S
Dimension	418 x210 x360mm	515 X275 X465mm	515 X275 X465mm
Weight	7.9Kg	17.5Kg	17.5Kg

**Standard Accessories: -**

- Welding machine ARC 315 / 400 / 500
- Work Cable with Clamp
- Electrode Cable with Holder
- Welding Gloves
- Input power cable w/o plug
- Welding Cart with Wheels (Optional)
- TIG Torch WP 17V (Optional)

**Sales And Services: -**

Weldmart

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