



# Icon Welding Equipments

An ISO 9001 : 2008 Certified Company

## ARC-400/ 630



**ARC series** gives a highly stable DC arc and ensures perfect welding in all situations and positions. It is new generation developed specially to meet harsh industry requirement and performs full power against voltage fluctuation and long distance welding (up to 100m).

Output **CC** **DC**

Input **3** **50/60**

### Features and Benefits

- Good performance with E6013, E7018 electrodes
- Adjustable arc force and hot start improve the performance
- Arc force feature against broken arc
- Extra arc force current to ensure deep penetration
- Hot start ensure 100% arc ignition
- Wire / wireless remote control (optional)
- Adjustable arc force bring great performance for all position welding
- VRD feature (optional)
- Suitable for long distance welding (100m)



ARC-315 / 400 / 500

### Standard Equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Welding cable L=3m
- 1 Ground cable L=3m

### Recommended Applications

Shipbuilding and offshore engineering  
Industry plant construction  
Maintenance and repair  
Pipeline industry



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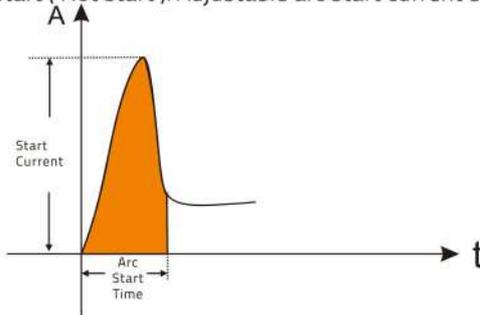
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## MMA (STICK) WELDERS

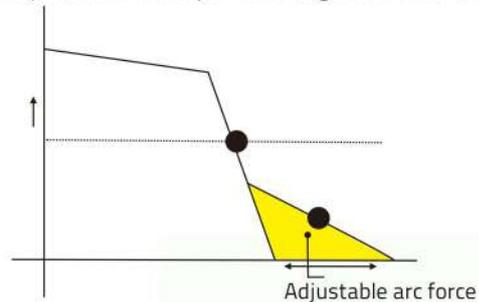


### Highlights for ARC

1. Multi-Voltage Adaptive technology: 1 phase /115V /230V, 3 phase /220V-440V, 380V-525V automatic voltage adaptation. (\*Check each model for detail)
2. Anti-Voltage Fluctuation: Ensure the machines work perfectly under serious grid power fluctuation.
3. VRD: Low open circuit voltage. (\*Check each model for detail)
4. Easy Arc Start ( Hot start ): Adjustable arc start current brings 100% arc ignition success.



5. ARC Force: Adjustable knee-point voltage and ARC force current.



### Technical Specification

	ARC315	ARC400	ARC500	ARC630
Rated input voltage /frequency (Hz)	3 phase, 380V±10%, 50 /60Hz			
Rated input capacity (KVA)	13.6	18.7	24.6	34.2
Rated input current (A)	20.7	28.4	37.4	52
Duty cycle (40°C)	60%@315A	60%@400A	60%@500A	100%@630A
OCV (V)	72	68	83	96
Output current range (A)	20-315	20-400	20-500	50-630
Efficiency	89%			
Cos	0.95			
Protection class	IP23S			
Insulation class	H			
Dimension (mm)	655*324*546	655*324*546	655*324*546	686*322*584
Weight (kg /lb)	43 /95	43 /95	50 /110.4	58 /128.1

Manufacturer by:-



H.O. :- Plot No. 857/3, ERDA Road, G.I.D.C., Industrial Estate, Makarpura, Vadodara-390010  
 (O) :-7016806985 e-E-mail : iconweld@yahoo.com / sales@iconweldingequipments.com  
 More Detail visit us :- [www.iconweldinginverters.com](http://www.iconweldinginverters.com) / [www.iconweldingequipments.com](http://www.iconweldingequipments.com)

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