

## MARIGASES ARC500i



### DESCRIPTION

MARIGASES ARC500i is a welding inverter, 3-phase 400-440V, 50-60Hz, highly suitable for MMA welding. Rotating wheels make it easy to carry and has a maximum output current of 500A. It has been built with hot start and anti-stick functions. This ensures easy strike and a controlled stable arc.

Built for professional use, ARC500i welding inverter is generator suited.

All machine components are lacquered to protect them against environmental conditions such as dust and humidity. It comes with built-in features that help welding process like: hot-start and anti-sticking, making welding easier, smoother and of higher quality, even with particularly difficult electrodes, like cellulose ones in all positions. The power source has thermal overload trips which operate if the internal temperature becomes too high.

### APPLICATIONS

Marigases ARC500i is a very durable and reliable inverter welding machine, that can be used for ship building and machinery constructions with amazing results.

### ADVANTAGES

The welding current sources supply constant electrical current. They are built on INVERTER technology with high power and high reliability parts and can be used for stick electrode.

### SYSTEM DESCRIPTION

The main panel board consists of the current source board and the separate control logic board, both of which are individually replaceable. This system of configuration ensures a very high degree of reliability with simplified maintenance and customer service. The power electronics contains an INVERTER operating at a frequency higher than 50kHz with a very low resonance period.



TECHNICAL DATA	Order number 333026
Power Voltage / Frequency	440V ± 15%, 50/60Hz
Rated Current Input (A)	38.4
No-Load voltage (V)	72
Output Current (A)	40-500
Rated Output voltage (V)	40
Force range (A)	0-100
Duty cycle (%)	100
No-Load loss (W)	150
Efficiency	85
Power factor	0.93
Insulation grade	F
Housing protection grade	IP21S
Weight (Kg)	40
Dimensions (mm)	760x313x437

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