Manual Riveting Machines

Superior Welding Technology

Pro Spot
welding & joining technologies

AGME was founded in 1948 and has become the market leader in joining technology with proven products in radial riveters, cnc riveting machines, roller presses, pneumatic presses, hydraulic presses, marking equipment, manual and nipping presses.

Industrias Agme manufactures a wide range of radial riveting machines. The range of machines available is capable of riveting most assemblies, from small intricate components to the large heavy duty applications. The maximum diameter of the riveted head can vary from 4 mm (riveter RR-4) to 30 mm (riveter RR-30). There are many other models within their range and Agme has a machine to suit most of your requirements.

All Agme riveting machines use a radial riveting system. This working system is based on a planetary movement which produces components with perfect riveted joints with very little effort.

- C300 control is fitted as standard to all riveters.
- Time control
- Cycle counter
- LCD screen
- Password protected
- Optional pressure control

Optional Features

- Constant Height Control CAC
- Process Control CP1 or CP2
- End of stroke detector
- Double or multiple Riveting tool heads
- Workholder fixture
- Mechanical Hold down device
- Rubber Hold down device

RR12 fitted with CP2
Quality control system

CP-1 Quality Assurance System

The quality of the riveted parts is guaranteed by using the CP-1 to control the riveting operation (OK/NOK). A pressure transducer and a linear transducer monitor the process and provide feedback to accept or reject the riveted part.

This solution is suitable for units to be assembled where the rivet is short (small bolts, shafts), where there are few elements to join and their thickness is very stable. Its use is also necessary when the upper surface of the components to be joined to the rivet cannot be sensed.

CP-2 Quality Assurance System

The CP-2 quality assurance system is similar to the CP-1. It monitors the process and provides feedback to accept or reject the riveted part. It also permits the measure of the final riveted head. In this system, the riveting head incorporates a floating device which senses the components to be joined by the rivet, this sensing determines the "0" reference surface on which the rest of the parameters will be measured.

The most common application is for riveting very long rods or shafts where there can be great variation in the total tolerance. It is also ideal on large axles which bend when subjected to the riveting load or where the tolerances of the components to rivet are very wide.

These riveting head units are designed to be integrated into special machines and can work in any position.

Prospot Limited - Unit C Riverside Industrial Estate
Atherstone Street - Fazeley - Tamworth - Staffordshire - B78 3RW
Telephone: 01827 254 829 - Fax: 01827 254 832
Email: sales@prospot.co.uk - Web: www.prospot.co.uk