

# CUSTOM WELDING SYSTEMS



Orbimatic are able to design custom welding systems to suit high production applications at a budget which suits the customer. These systems are controlled by the ORBIMAT C range of welding power supplies to give a precise a repeatable operation.

When used with the ORBIMAT C range of power supplies components can be provided with a data log file which details exact deviations during to welding cycle. These log files can be printed on the integral printer or stored to an optional data card.

Orbimatic can help you develop the custom welding system to suit your application and budget. We can design, develop and build a system at our manufacturing facility in Buseck, Germany.

Our engineering team understand the welding technology behind the system and can design the system around the component.



#### **ORBIMAT C POWER SUPPLY**

Custom welding systems can be controlled by any of the ORBIMAT C range of Welding Power Supplies. These power supplies can be used the full weld cycle. This includes rotation delay, slope times, current, pulse times and rotation speed. They can store hundreds of welding programs including an application specification for each procedure.



#### **ORBIMAT C WITH ORBITWIN**

The ORBITWIN can be used to connect two custom welding systems to one power supply, it requires only one signal from the system ready for use and will automatically select the appropriate procedure from the ORBIMAT C power supplies memory and transfer current, coolant, gas and control to the fixture in use.

This can be manual or automatic.

Orbimatic are able to design fully automatic systems with suitable integrated guards and protection systems.

And of course all systems are designed & manufacture to meet and exceed the legislation of the latest European Regulations. Where possible we design our custom systems around our standard equipment to ensure that spare parts are always available.



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