

# Diver Consolidated Industries

DCI's core competencies include state of the art robotic welding. With over 30 welding machines from spot welders to dual robotic trunions, simple components to sophisticated assemblies can be constructed.

Robotic welders offer accuracy, uniformity and low splatter, resulting in high integrity welds. Our fully programmable robotic welders are tuned to maximize weld time and reduce handling, in turn, creating cost efficient welded products.

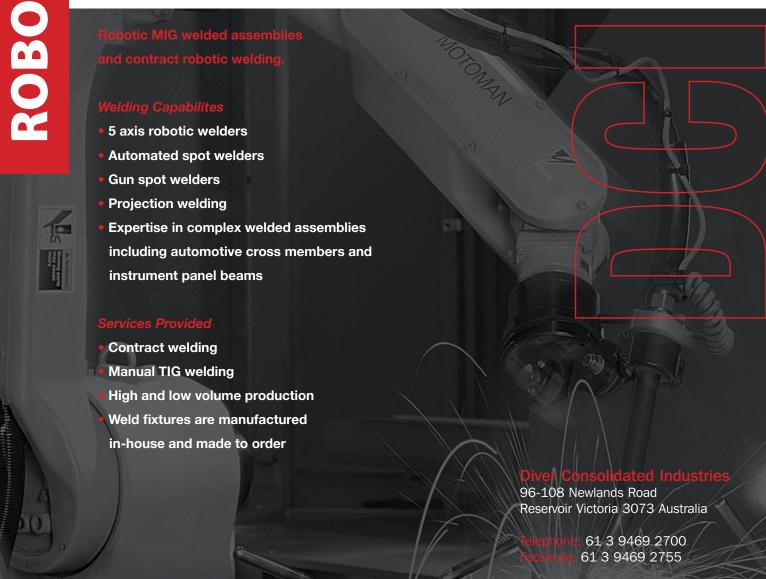


**ROBOTIC WELDING** 

www.dci.com.au

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Diver Metal Products Pty. Ltd. 093 April 22 005 187 093





## **Diver Consolidated Industries**

DCI's facilities include a fully automated Powder Coating line. Parts are racked on the conveyor and are cleaned via a three stage process prior to coating. The dedicated Powder Coating line allows small and large piece flow on racks and conveyor, with the option of manual spraying. This process is environmentally friendly and efficient, as the electro static powder is reclaimed and reused.



**POWDER COATING** 

## **Three Stage Cleaning & Preparation**

The first stage is detergent spray and rinse. Second is iron phosphate spray, which provides corrosion resistance and a key for the powder to adhere. The last stage is oven drying at 200° celsius ensuring maximum adhesion.

#### **Powder Coating**

- Fully automated powder coating line
- Low volume manual spraying
- Capability to paint high visibility decorative components
- Assorted colour choices
- Process control to rigorous quality standards

### **Specialized Services**

- Customized racking & masking
- Controlled coverage powder coating of threaded components, ensuring thread is functional
- Out-gassing procedure for aluminium castings
- Packaging services to create finished goods ready for distribution or sale

