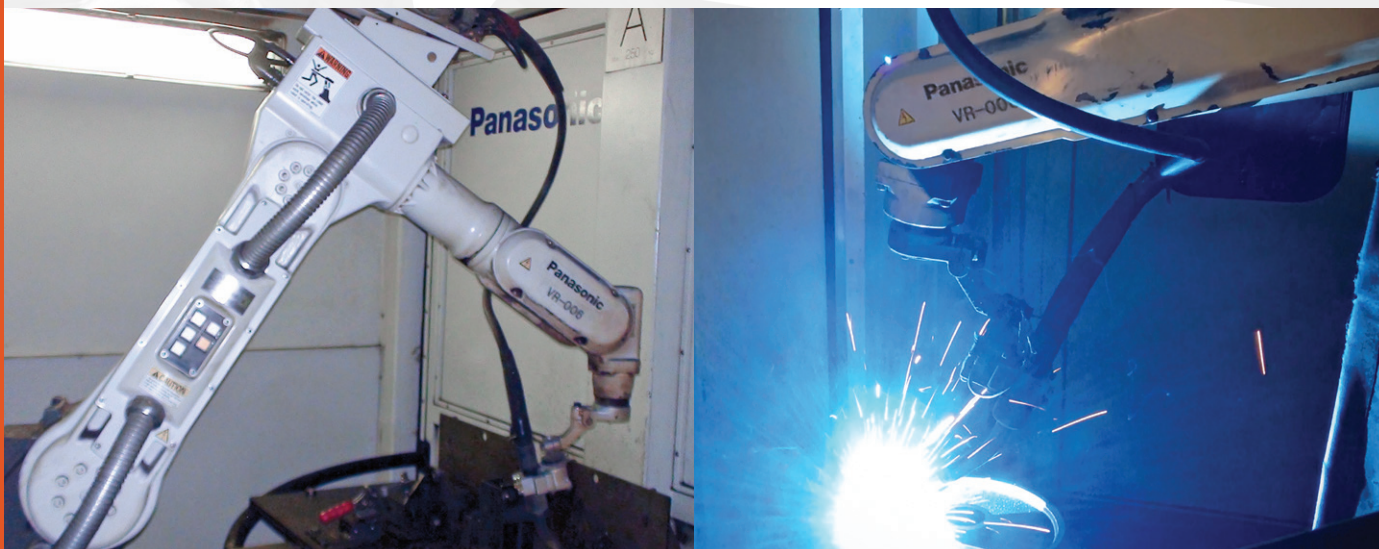


ROBOT WELDING

Our automated robot welding process offers improved cycle times, optimised throughput, and repeatability for consistent component fabrication.



Robot welding delivers significant advantages for high-volume, repetitive production. By maintaining near-continuous operational uptime, the process dramatically increases productivity through faster cycle times and optimised throughput.

This automation guarantees exceptional quality and repeatability. Robots execute pre-programmed paths with absolute control over variables such as torch angle, travel speed, and arc length, virtually eliminating defects and the need for manual rework.

Once jigs and fixtures are established, the process is highly labour-efficient, allowing a single operator to manage up to four manufacturing cells in a seamless production loop.

