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PROUDLY AUSTRALIAN

INDUSTRY LEADING FIXTURE MANUFACTURER

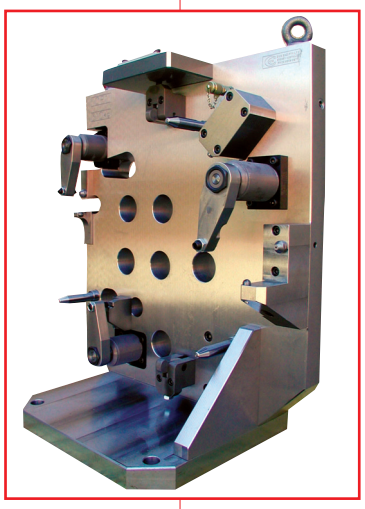
Over the years CVW Engineering has developed an enviable reputation for excellence in hydraulic and pneumatic work holding equipment. Major component manufacturers in the automotive and aircraft industry look to us to design and construct precision work holding equipment. CVW fixtures are particularly robust, allowing manufacturers to drive equipment a little harder to reduce cycle time.

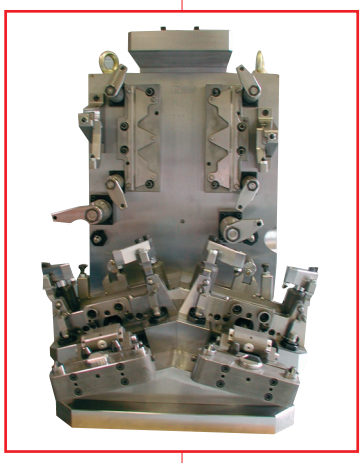
By working closely with our clients, we develop manufacturing solutions that are cost effective in tooling and manufacture. We start by carefully examining the final product and the way it will be used in service. We make sure all performance characteristics are well understood before our designers get to work. Our years of experience, combined with our creative flair, allow us to quickly find the best solution to the manufacturing challenge.

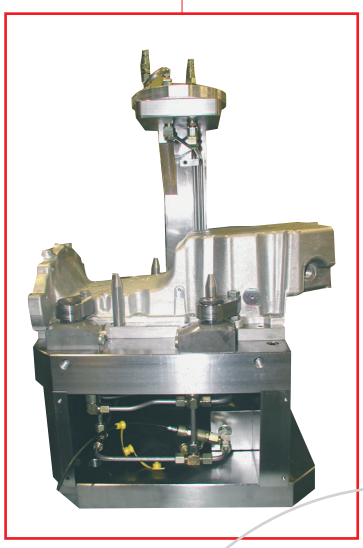
Understanding how the fixture will be used in the production environment is vital, so we pay careful attention to issues like swarf removal and ease of use. Fixture design is carried out in 3D CAD where tool paths and machine clearances can be checked before building, saving costly modifications. Our software allows us to import/export files in a variety of formats.

CVW support and service is second to none.

"We’re only happy if our customers are happy."







C.V.W. Engineering Pty. Ltd. A.B.N 42 001 706 154

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Toolmakers to the Industry

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CVW ENGINEERING

INSTALL FIRST OKUMA MU400VA IN AUSTRALIA

CVW Engineering is the first toolmaking company in Australia to install the new Okuma, a 5 axis, CNC vertical milling machine. This equipment lifts toolmaking capability to a new level, offering a level of flexibility and accuracy unseen in this country until now.

The trunnion construction combined with a highly accurate rotary table and 5-axis capability provides better access to all parts of the work, increasing CVW's capacity to meet the exacting standards required by the aerospace and automotive industries. It is especially well suited to complex, specialised detailed mould and pattern work, and can also be used for prototyping. The supernurbs control software of the machine along with Unigraphix NX2 Cam Program provides a smoother, more defined pattern and guaranteed accuracy.

The MU400 is part of a major upgrade of CVW equipment. We've recently installed the following:

- an Okuma MA 600
- an Okuma MA 40
- an Alpha 1iB wire EDM
- a 2.5 metre Zayer bed mill

All this increases our production and toolmaking capacity to meet the most demanding requirements of our clients.
Since its inception CVW Engineering has always invested in state-of-the-art equipment so we can deliver superb quality to our clients. These new machines mean we can now give clients faster turnaround on production machining, tooling, prototypes and complex 3D pattern and mould work. C.V.W. Engineering has recently become ISO9001 Accredited.

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