



### CORE CAPABILITIES

- Multi-method manufacturing, CNC machining and fabrication workshop who specialises in the repair of complex and bespoke components, including fabrication, assembly, welding, turning, milling and wire-cutting.
- End-to-end product development and support: CAD design; prototyping and large scale fabrication; surface treatment; testing, including load and weld testing; obsolescence support, including development and certification of manufacturing and repair data for equipment no longer sustained by original supplier.
- Advanced certified welding, including gas tungsten arc welding, gas metal arc welding, flux cored welding and shielded metal arc welding. Certified to AS/NZS 1554 Heavy Machinery and Structural Steel Welding.
- Harness diverse materials including nickel, chrome, stainless, mild and high-tensile steel, titanium, advanced alloys (including inconel and monel) and plastics (including Vesconite and PTFE).
- Twelve high precision fabrication machines, including 5-axis capabilities & maximum turning diameter up to 520mm.
- Highly skilled first class machinists and programmers, Including a double shift.

### OUR KEY CUSTOMERS

#### Core Industries: Oil & Gas, Mining, Railway & Defence.

- **Peak Well Services** – oil and gas / wire-line tools
- **Speno Rail Maintenance** – bogies, wheels, trolleys, chucks, mini-grinder, grinding and ultrasonic trolleys
- **Tricon Drilling Solutions** – lifting equipment
- **QTEQ** – Mining Components
- **FALK Australia (Rexnord)** - transmission components.
- **Proserv Australia** – oil and gas
- **CSIRO** – autonomous triaxial cell assembly
- **Nauti-Craft** - Marine

*“With this kind of service which is everything in today's competitive market and delivering on time I can't see why we shouldn't have many more orders for you in the future”.*  
Robowash Australia

*“Future Engineering has proven themselves over the past 5 years to be one of our most reliable suppliers. Their capability, flexibility and QA makes them our first choice for specialty component machining.”*  
FALK Australia

### OUR DISCRIMINATORS

*Providing you a complete solution at the right price and lowest risk.*

#### Whole of life support:

- End-to-end product development and support: contract manufacturing capabilities, design, prototyping, reverse engineering, Co-ordinate Measuring Machine (CMM) capability, testing, surface treatments and advanced obsolescence support, including generating repair data.
- Ability to support any project, at any point in its life, or from start to finish..

#### Flexibility, Breadth, Precision:

- Efficient delivery of small-to-large production runs of differing items in constrained timelines.
- Demonstrated capacity to service widely different industry sectors, from medical steel to high pressure, complex oil and gas and power transmission components.
- Manufacturing to precise tolerances, using advanced machinery and highly trained staff.

#### Assurance:

- Demonstrated reliability: 26 years of successful support to oil & gas, mining, rail, and surgical.
- Quad ISO certification: QMS, EMS, H&SMS
- A single point of contact for your components from design, to manufacture, testing and repair.

### ISO ACCREDITATION



- ISO 9001:2015 - Quality Management Systems
- ISO 14001:2015 - Environmental Management Systems
- AS/NZS 4801 - Health & Safety Management Systems (Aus & NZ)
- OHSAS 18001 - Health & Safety Management Systems (Aus & NZ)

### COMPANY DETAILS

#### Future Engineering Pty Ltd

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| Machine  | Capability                            | Max Turning Diameter | Distance between centres | Additional                                |
|--|---------------------------------------|----------------------|--------------------------|---|
| Okuma U4000 2SC x 1500<br>Multitasking Machine | TURNING & MILLING<br>5 AXIS           | 520MM                | 1500MM                   | 80 TOOL CHANGE<br>CAPACITY                |
| OKUMA LB3000 EX II – BMYC x 950                | TURNING & MILLING<br>5 AXIS           | 340MM                | 950MM                    | 81MM SPINDLE BORE<br>120MM Y AXIS TRAVEL  |
| OKUMA LB4000 EX II – BMYC x 1500               | TURNING & MILLING<br>4 AXIS (Z,X,M,Y) | 430MM                | 1500MM                   | 102MM SPINDLE BORE<br>140MM Y AXIS TRAVEL |
| OKUMA LU300 MY                                 | TURNING & MILLING<br>4 AXIS           | 350MM                | 1000MM                   | Y-AXIS MILLING                            |
| OKUMA LB300 LATHE                              | TURNING<br>2 AXIS                     | 300MM                | 1000MM                   |   |
| OKUMA LB4000 EX – SPACETURN                    | TURNING<br>2 AXIS                     | 500MM                | 1500MM                   | SPINDLE DIAM - 102MM                      |
| OKUMA SOARER L390 E – LATHE                    | TURNING<br>2 AXIS                     | 300MM                | 1000MM                   | SPINDLE DIAM - 90MM                       |
| OKUMA MB56 MILL                                | MILLING<br>4 AXIS                     | 650MM                | 900MM                    |   |
| OKUMA M560 RV                                  | MILLING<br>4 AXIS                     | 650MM                | 900MM                    |   |
| HAAS VF – 5XT MILL                             | MILLING<br>4 AXIS                     | 660MM                | 1542MM                   |   |
| HAAS VF – 5X2 MILL                             | MILLING<br>4 AXIS                     | 700MM                | 1500MM                   |   |
| FANUC WIRE-CUTTER                              | WIRE-CUTTING<br>4 AXIS                | 400MM                | 600MM                    | MAX HEIGHT 250MM                          |