



CAPABILITY STATEMENT

WHO WE ARE

We are a Western Australian manufacturing and fabrication company providing high-quality sheet metal fabrication, laser cutting, bending, punching, powder coating, and assembly services. From prototypes and one-off custom projects through to large-scale production runs, we deliver precision-engineered solutions backed by quality workmanship, reliable lead times, and exceptional customer service.

Our integrated in-house capabilities allow us to manage the entire manufacturing process from raw material to finished product, providing our customers with a single point of contact and complete quality control throughout every stage of production.



**PRECISION
MANUFACTURING.
COMPLETE SOLUTIONS.**

OUR SERVICES

● LASER CUTTING

● PRESS BENDING

● CNC PUNCHING & PERFORATING

● FABRICATION

● POWDER COATING

● FASTENER INSERTION

LASER CUTTING

Our 6kW fibre laser delivers fast, accurate cutting across a wide range of materials and thicknesses.

Capacity

- ✓ 1500mm x 3000mm sheet size
- ✓ Mild Steel & Pre-Galv: 0.5mm – 25mm
- ✓ Stainless Steel: 0.5mm – 20mm
- ✓ Aluminium: 0.5mm – 15mm
- ✓ Copper: 0.5mm – 15mm
- ✓ Brass: 0.5mm – 10mm



We accept a wide range of CAD and drawing formats including SolidWorks, Inventor, CATIA, Siemens NX, STEP, IGES, DXF, DWG, and SVG.

PRESS BENDING

Our 130-tonne CNC press brake provides precision folding and forming of sheet metal components.

Capacity

- ✓ 3000mm bending length
- ✓ Bend tolerances up to $\pm 0.1^\circ$
- ✓ Dimensional tolerances up to $\pm 0.2\text{mm}$

CNC PUNCHING & PERFORATING

High-speed punching and perforating for production components, ventilation panels, screens, and architectural applications.

Capacity

Up to 3mm

Forming Capabilities

- ✓ Louvres
- ✓ Tapping
- ✓ Sheet rigidising
- ✓ Burring
- ✓ Dimples
- ✓ Countersinking

Custom perforation patterns available in a wide range of shapes and sizes.

FABRICATION

We fabricate in:

- ✓ Mild Steel
- ✓ Sheet Metal
- ✓ Aluminium
- ✓ Stainless Steel
- ✓ Structural Steel

Applications include:

- ✓ Structural steel frameworks
- ✓ Architectural metalwork
- ✓ Equipment skids and base frames
- ✓ Industrial equipment modifications
- ✓ Machinery guards and components
- ✓ Repairs and maintenance
- ✓ Sheet metal assemblies
- ✓ Prototypes and production assemblies

NO JOB IS
TOO BIG

OR TOO
SMALL.

POWDER COATING

Our in-house powder coating facility delivers durable, high-quality finishes for fabricated and manufactured components.

Maximum Part Size :7000mm x 2600mm x 2400mm

Services Include

- ✓ Any colour specification
- ✓ Custom bolt head powder coating
- ✓ Colour matching
- ✓ Pre-coating sealant application
- ✓ Two-tone powder coating
- ✓ Sandblasting (on request)

Express service : 24-hour turnaround available on eligible jobs



Advanced Surface Preparation

To ensure maximum coating performance and durability, we utilise a multi-stage pretreatment process designed for steel, aluminium, galvanised and zinc-coated materials.

Tank Capacity

4000mm x 1200mm x 1200mm

Our process includes industrial degreasing, multi-metal passivation, rinsing, and surface conditioning to maximise coating adhesion and corrosion resistance.

FASTENER INSERTION

We supply and install a comprehensive range of fastener inserts, including:

- ✓ Self-clinching nuts
- ✓ Self-clinching studs
- ✓ Nutserts

Sizes Available

- ✓ M2.5 – M8

Providing strong, reliable fastening solutions for sheet metal assemblies, enclosures, machinery, and fabricated products.



INDUSTRIES WE SERVE

We support customers across a broad range of industries including:

- ✓ Mining
- ✓ Construction
- ✓ Manufacturing
- ✓ Agriculture
- ✓ Transport
- ✓ Electrical
- ✓ Water Treatment
- ✓ Commercial and Architectural
- ✓ Government and Infrastructure

Why Choose Us?

- ✓ Complete in-house manufacturing from cutting to coating
- ✓ One supplier, one process, one accountable team
- ✓ Fast turnaround times and responsive service
- ✓ Precision manufacturing and quality workmanship
- ✓ Advanced surface preparation and premium finishing
- ✓ Experienced fabrication and manufacturing specialists
- ✓ Prototype, one-off, and production run capabilities
- ✓ Large-capacity equipment for projects of all sizes
- ✓ Quality-focused processes and reliable delivery

PRECISION YOU CAN COUNT ON

Whether you require a single custom component, a fabricated assembly, or a complete production solution, we combine advanced manufacturing technology with practical industry experience to deliver reliable, high-quality results on time and to specification.

Contact us today to discuss your next project or request a quotation.



Vortek Industries Pty Ltd

P. +61 44 980 3772

E. admin@vorind.com.au

L. 40 Hemisphere Street, Neerabup, WA 6031