Steel



Project Enquiries

David Thornton +61 (0) 3 5274 3180 sales@thorntoneng.com.au www.thorntoneng.com.au **CAPABILITY PROFILE**

Our two extensively equipped Beamlines are designed to turn CAD drawings into fully fabricated structural steel within 48 hours. Our Beamlines are the perfect solution to deliver a high-volume of structural steel with a short lead time.

WORKSHOPS

- ✓ Beamline #1: 275m long x 25m wide
- ✓ Beamline #2: 320m long x 25m wide

EQUIPMENT

- CNC sawing, drilling & stamping
- ✓ Plasma cutting, drilling & stamping
- ✓ Plate & beam blasting
- ✓ Welding (GTAW, FCAW, GMAW & SMAW)
- ✓ Robotic welding
- ✓ Heated paint rooms
- ✓ 600T throughput per month
- ✓ 500T undercover storage

KEY APPLICATIONS Detailing Beams Welded beams

- ✓ PFC assemblies
- Frames
- ✓ Plate assemblies
- Angle assemblies
- ✓ Pipe assemblies
- ✓ Stringers
- Ladders
- ✓ Handrails











Plate & Beam Processing

Plate 2.4m x 6m & beams 1.2m wide x 0.6m height



Shot Blasting

All Australian hot rolled sections 1.2m wide x 0.6m height

Fabrication Lines

2 x 25m wide x 100m long fabrication space Dedicated exotic material zones



Manual Welding

GTAW, FCAW, GMAW & SMAW



Product Dispatch

Transportation or pickup from site and ability to offer undercover storage



Heated Painting

4 x heated painting zones



Garnet Blasting

2 x basting zones after fabrication



Robotic Welding

6-axis robot on a 4m height gantry on tracks 9m wide and 30m long

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BUCKET ELEVATOR TOWER NEW SOUTH WALES

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01. Precision Design

Our team can prepare designs to your exact specifications and international design standards.



02. Extensive Capability

We leverage our industry leading machinery to produce an extensive range of steel products.



03. Proven Performance

We have a reputation for consistently delivering projects at scale, on time and on budget.



04. World Class Quality

We operate an advanced quality management system providing you with the quality you demand.





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visit thorntoneng.com.au

370 Bacchus Marsh Road Corio 3214, Vic Australia



