DIRECT EDGE
MANUFACTURING

Direct Edge (Tas) Pty Ltd, trading as Direct Edge Manufacturing
47–53 Strahan Street, South Burnie TAS 7320
T (03) 6434 0500 · E customers@directedge.com.au
www.directedge.com.au

CAPABILITY STATEMENT

BUSINESS AND EXPERIENCE

Direct Edge Manufacturing provides an innovative one-stop shop for sheet metal manufacturing and associated components. Operating across four buildings in South Burnie, we cut, punch, fold, roll, weld, tap, deburr, grind, blast, powder coat, paint and package more than 100,000 assembled units a year. Our core speciality is sheet metal fabrication in thicknesses up to 12mm. Our production line and workflow are built around making multiple products, with multiple due dates, for multiple customers, while maintaining quality and DIFOT (delivery in full, on time).

Our systems, processes and capabilities for manufacturing, welding and processing defence components enable Direct Edge to supply sheet metal brackets, cabinets, enclosures and associated components for integration into new platforms, including the Boxer CRV and HMAS Choules.

ADDITIONAL SERVICES

We offer design and drafting, prototype assembly, production from small batches to high volumes, quality assurance and inspection, final assembly, powder coating, painting and electropolishing, as demonstrated with clients such as CAT, Mader International, Elphinstone, Taylor Brothers, SERS, Sewell Sweepers and Incat.

INDUSTRY EXPERTISE

We serve the defence, mining, transport, medical, marine, industrial and agriculture sectors. Our expertise is not limited to any one industry: we can serve any business that needs quality fabricated components delivered on time and to a high standard, and we aim to be that partner in your supply chain.

A fully integrated ERP system controls quality, workflow, product identification, delivery and resource allocation. We work with each customer to find the most efficient way to submit orders and communicate.

Some of our areas of competency:

- Components for above-ground and underground mining equipment
- Components for agriculture and marine industries
- Stainless steel sinks, benches and cabinets
- Components for industrial road sweepers
- Shower drains and grates for domestic and commercial use
- Emergency vehicle cabinet fabrication
- Over-bonnet storage solutions
- Design and manufacture of electrical MCC and control cabinets
- Outdoor storage units
- Signage solutions
- Stainless steel staircases and balustrades
- Privacy screens and fence panels
- Industrial conveyors and hoppers
- Food-grade plastic replacement parts
- Ducting
- Design and manufacture of aftermarket machinery guarding, such as stainless steel heat shields
- Lift components

FLEXIBLE AND ADAPTABLE

Over recent years we have become a leaner, more flexible business, which has opened new markets in Australia and overseas. We listen to our customers and work to make dealing with Direct Edge as easy as possible: for

example, customising packaging for particular customers or for international freight and customs requirements, EDI ordering and logistics with selected customers, and supplying certificates of conformance.

QUALITY, ENVIRONMENT AND SAFETY

Our triple-certified ISO systems (ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018, certified by BSI) have reduced our environmental footprint, minimised work health and safety risk and support continuous improvement. For our customers, that means shorter lead times, the ability to move easily between low and high-volume production, and more flexible ordering.

bsi · ISO 9001 Quality Management Systems CERTIFIED · ISO 14001 Environmental Management CERTIFIED · ISO 45001 Occupational Health and Safety Management CERTIFIED

FS 632252 · EMS 632251 · OHS 632253

WELDING

Our welding certifications allow us to supply high-quality welded components into any supply chain. Direct Edge is certified to **ISO 3834-2** (quality requirements for fusion welding, DVS ZERT) and **DIN 2303 Q2 BK1** (welding of military products, GSI SLV Hannover), and welds to the following standards as specified:

Welding standards

- AS/NZS 1554.1 and 1554.6
- ISO 15614-1 and 15614-2
- AS/NZS 1665
- ISO 9606-1 and 9606-2

Qualified welding personnel

- International Welding Engineer (IWE)
- International Welding Specialist (IWS)
- International Welding Inspector (IWI)
- Responsible Welding Coordinator
- Mechanical Engineer specialising in welding

Our welding personnel oversee daily production control and the ongoing development of our fabrication procedures and workforce, so we can deliver consistent welded work to every customer specification.

Zertifiziert nach DVS ZERT ISO 3834

ISO 3834-2 · DVS ZERT

Certified GSI SLV Welding Company · DIN 2303 Q2 BK1 063 2019

DIN 2303 Q2 BK1 · GSI SLV Hannover

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PROCESSES, FINISHES AND MATERIALS

Processes

- Laser cutting
- Punching
- CNC routing
- Waterjet cutting
- Press brake folding
- Welding (GTAW, GMAW)
- Gas cutting
- Tapping and drilling
- Bevelling
- Chemical dipping
- Abrasive blasting
- Surface finishing

Finishes

- Wet paint
- Powder coating
- Electropolishing
- Anti-corrosive treatment

Materials

- Mild steel and heat-rated mild steel
- Stainless steel
- Aluminium
- Galvanised steel
- Titanium
- Copper
- Brass
- Timber
- Acrylics
- Polyethylene
- Polycarbonate
- Aluminium composite
- Rubber

Packaging and delivery are tailored to each client, from loose parts to bubble-wrapped and VCI-wrapped pallets.

KEY EQUIPMENT

- Trumpf L2030 CNC laser
- Trumpf TC5000 CNC turret punch
- MACH 500 5-axis waterjet
- Multicam CNC router
- Trumpf V1300 and SafanDarley E 40-1600 press brakes
- Timesavers 42 RB 1350 deburrer
- Fronius TPS 400i welders
- Romer Absolute Arm 7325 (3D inspection)
- InspecVision Planar (2D inspection)
- mepBLITz DC-i5 electropolisher

TECHNOLOGY AND COMPLIANCE

Our Trumpf CNC machinery delivers precise, cost-effective work, and parts can be supplied with a certificate of conformance from our Romer Absolute Arm 7325 metrology system. With modern technology and adaptable production capability, we add value and competitive advantage to any supply chain.

When a quality issue arises, our integrated ERP system tracks our response time, the solution and the final outcome for the client. Our continuous improvement process feeds the results of every quality issue back into our systems so that systemic failures are not repeated, and designated staff monitor overall business quality.