



METALTEX

AUSTRALIA

Engineering Excellence **Since 1979**





YOUR SMART FACTORY MANUFACTURING PARTNER

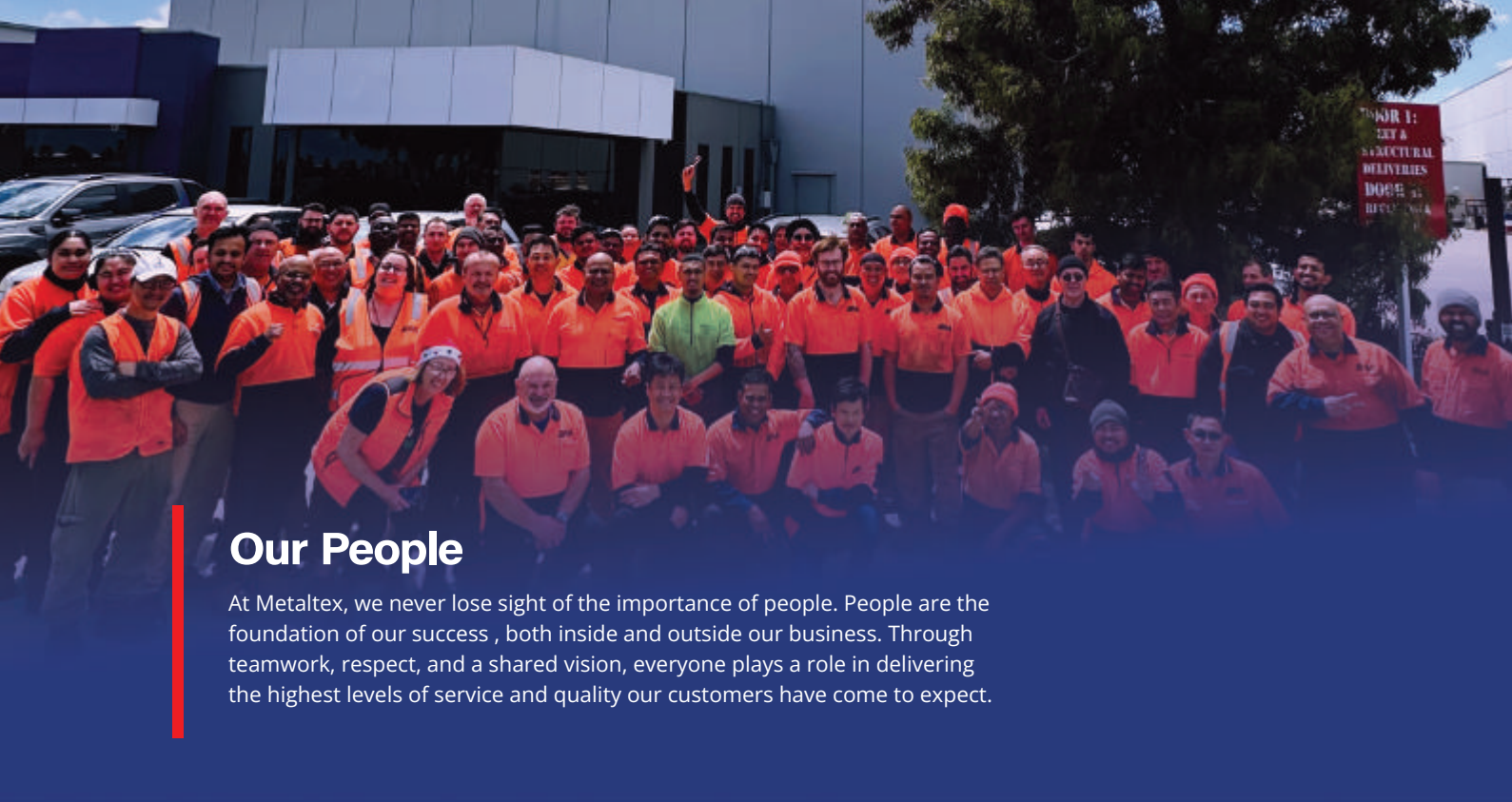
Company Overview

From humble beginnings in 1979, we have grown into a business recognised for its local expertise and unwavering commitment to service. Today, we are a first-class OEM manufacturer and trusted provider to some of the most established and recognisable organisations in Australia. Driven by our dedication to our customers, we have evolved into a multi-faceted, bespoke engineering and manufacturing company, one that seamlessly blends decades of craftsmanship with the precision, innovation, and intelligence of modern Smart Factory manufacturing.



Operations & Technology

Our scope of work encompasses a full range of engineering and manufacturing solutions, underpinned by a proven track record of delivering high-quality turnkey finished products on time and on budget. At the heart of our operations is a world-class MRP (Material Requirements Planning) and MES (Manufacturing Execution System), which together synchronise our supply chain and live production in real time, providing end-to-end visibility, agility, and control from order through to delivery.



Our People

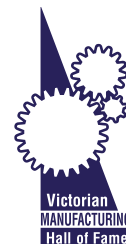
At Metaltex, we never lose sight of the importance of people. People are the foundation of our success, both inside and outside our business. Through teamwork, respect, and a shared vision, everyone plays a role in delivering the highest levels of service and quality our customers have come to expect.

Accreditations & Quality Standards

To uphold our commitment to excellence, Metaltex holds both ISO 9001 accreditation and CyberCert accreditation, reflecting our rigorous standards in quality management and cybersecurity resilience. We employ qualified and quality candidates, and our hands-on management style ensures strict quality control and codes of ethics are maintained at every level. Our technology is state-of-the-art CNC (Computer Numerically Controlled), supported by CAD/CAM (Computer Aided Design and Manufacturing), ensuring high precision, structural durability, and high-quality fit and finish across all our products.



Quality
ISO 9001
SAI GLOBAL





Our Services

Metaltex has established a network of suppliers and partners in the sheet metal and engineering industry to ensure exceptional work across the services that we offer.

Sheet Metal Fabrication

We deliver precision fabrication services across aluminium, stainless steel, and mild steel in a full range of thicknesses. Our CNC-driven production services ensure tight tolerances, repeatable accuracy, and rapid turnaround across all order volumes. In addition, our team of highly skilled, qualified operators and tradesmen bring the expertise and craftsmanship to deliver exceptional results across every project.

Design and Engineering

Our engineering team uses SolidWorks and Radan CAD/CAM software to convert client concepts into fully functional, manufactured products. From initial design and 3D modelling through to prototype production, we develop precise technical solutions for components and assemblies of any complexity.

Tube Laser Cutting

Our SOCO SLT-152-FIBER-3D 3kW tube laser is capable of cutting round, square, rectangular, oval, and 50+ different tube and profile shapes. This multipurpose machine delivers extensive cutting capabilities including straight and angle cutting, hole making, notching, and marking. High-performance cutting is achieved across mild steel, stainless steel, and aluminium materials.

Laser Cutting

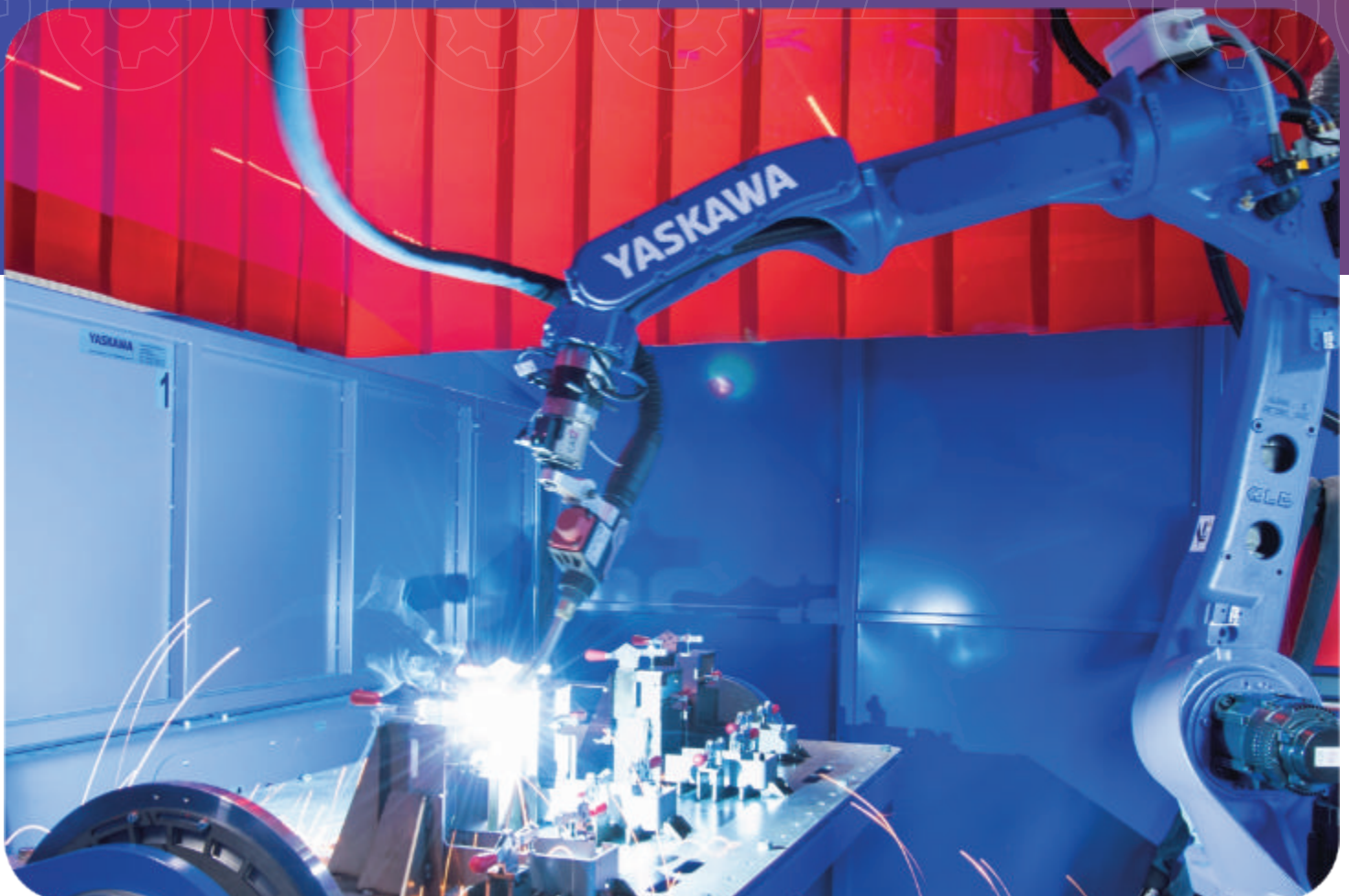
Our newly commissioned CNC laser cutting machines operate at up to 12kW, providing cutting capacity of up to 30mm in thickness across a broad range of materials. The machines are fully automated and capable of lights-out operation, enabling unattended production runs for maximum throughput and efficiency. We execute complex and intricate geometries to tight tolerances that cannot be achieved through manual methods.

Robotic Welding

Our robotic welding cells, powered by Japanese Yaskawa MOTOMAN and Universal Robots technology, deliver consistent weld quality and faster cycle times than manual processes. Welding machines connected to the robot include top of the range Fronius and Lorch pulse MIG and cold metal arc transfer units. Robotic automation ensures repeatability across high-volume production runs.

CNC Machining

We manufacture custom parts, tooling, and complete finished assemblies from raw material stock using CAD-driven CNC machines which include 3, 4 and 5-axis machining of a wide range of materials. Every operation is held to precise dimensional and surface finish standards.



Automated Sheet Metal Folding

Our automated sheet metal folding process utilises Trumpf Trubend machines, eliminating manual variables and delivering increased throughput and consistent dimensional precision across every production run. Repeatable bend accuracy is maintained regardless of batch size.

Sheet Metal Folding

We operate 6 CNC hydraulic press brakes, with capacity for components up to 6 metres in length and up to 220 tonnes of bending force. Our state-of-the-art 5-axis machines hold folding tolerances to within 0.2mm, ensuring precise and consistent results across all sheet metal folding operations.

Welding

We provide a full range of welding processes including CNC pulse MIG, cold metal arc transfer, manual TIG, MIG, spot welding, laser welding, and rotary welding. Materials welded include aluminium, mild steel, and stainless steel. All work is carried out to standard AS/NZS 1554 by qualified welders to ensure structural integrity, joint strength, and long-term durability. We have partnered with Lorich, Fronius, and Unimig for the supply of some of the best welding equipment available.

Inserting

We supply and install a comprehensive range of threaded and press-fit hardware including fasteners, flush head studs, self-clinch bushes, right-angle fixing bushes, anchor rivet bushes, self-clinch standoffs, captive thumbscrews, and snap-top fixings. Insert pressing operations are carried out using Pemsrter and Haeger insert presses.



*We ensure every product is powder coated to the highest possible standard utilizing only **Dulux and Interpon** powders.*

Sheet Metal Plate Rolling

Sheet metal plate rolling involves the use of a rolling machine to shape a metal sheet into a cylindrical or conical form. The process feeds the metal sheet through a set of rollers that apply controlled pressure, causing the sheet to bend and form into the desired shape. Our CNC-controlled rolling equipment features a prebend capability, allowing for accurate edge forming prior to the rolling process and ensuring high levels of dimensional accuracy throughout. The rollers are adjusted to achieve varying degrees of curvature, allowing for a wide range of profiles and forms to be produced across both steel and aluminium plate.

Turret Punching

Using LVD Strippit turret punch machines fed directly from CAD files, we perform high-precision turret punching with fast cycle times. Capabilities include punching, engraving, and forming operations to meet exact customer-defined requirements.

Powder Coating

We apply high-durability powder coating using Dulux and Interpon product ranges, delivering a uniform, smooth surface finish. A full colour palette is available to meet specific client finish and branding requirements. To ensure the highest quality outcomes, we conduct periodic oven calibration through oven profiling. Post-cure MEK and cross-hatch adhesion tests, along with film thickness testing, are carried out on all items to verify correct curing and to maximise adhesion, corrosion resistance, and long-term durability.

Metal Polishing and Linishing

Our polishing and linishing operations produce consistent surface finishes characterised by high smoothness and uniform reflectivity. The process enhances both the functional surface quality and the visual presentation of the finished component.

Assembly Services

We provide tailored assembly services scaled to the complexity of your product, from straightforward single-step assembly through to intricate, multi-stage processes. All assembly work is carried out to your exact specifications and quality standards.

Design & Drafting

At Metaltex we strive for excellence in building client relationships and delivering services. A large portion of our partners are repeat clients who have complete confidence in the quality that we provide.

To meet customer demands and expectations, we've assembled an experienced design team consisting of highly trained engineers and fabricators supported by first class production staff, enabling us to provide a complete solution from concept to finished product.

Metaltex's design services incorporating advanced CAD/CAM technologies utilises the following systems:

RADAN

AUTOCAD

SOLIDWORKS

PRO ENGINEER

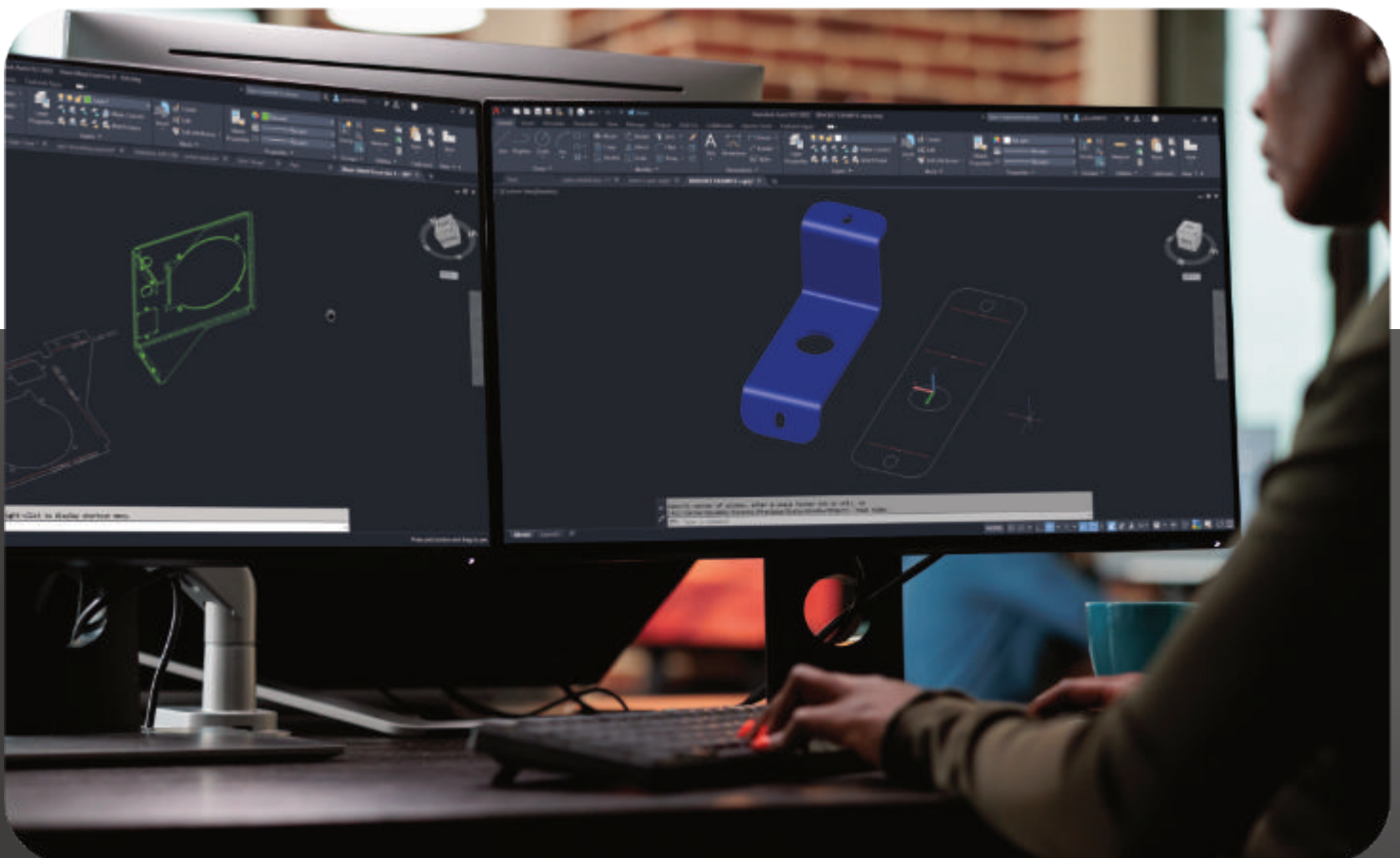
INVENTOR

EDRAW

At Metaltex we utilize **Hexagon Workplan** in addition to Radan, Radquote and Radbend. This combination of ERP/MES and RADAN Programming software ensures we remain industry leaders when it comes to project management and Industry 4.0.

In addition to this software we have live shop floor visuals that enables us to monitor:

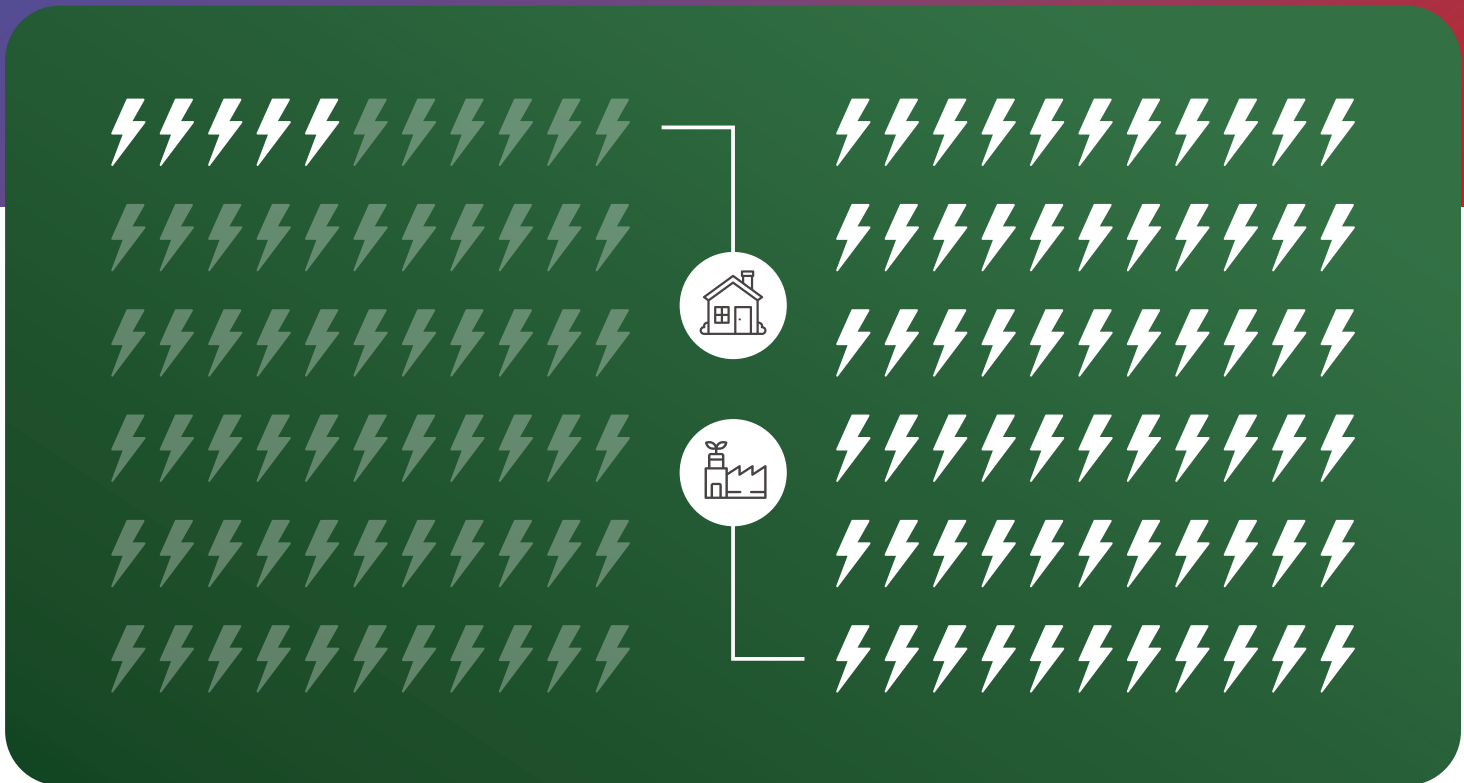
- **AREA PRODUCTION**
- **MATERIAL ALLOCATION**
- **MACHINE EFFICIENCY**
- **CLIENT DELIVERY BOARD**



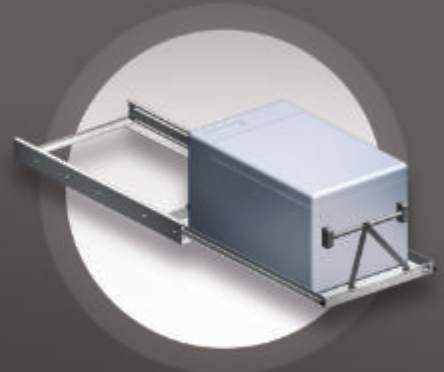
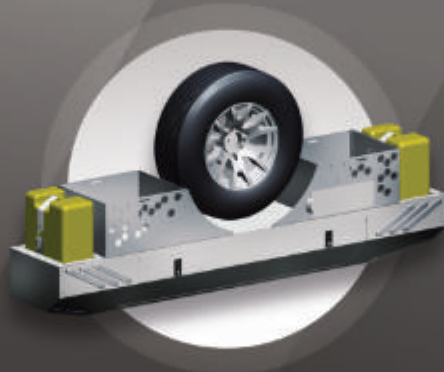


Solar Manufacturing

Metaltex factory has a 66kW/h rooftop solar energy system installed with goals to minimize carbon footprint and significantly reduce day-to-day operations electricity consumption. Renewable energy utilisation brings Metaltex in the family of today's Smart Factory movement and at the pinnacle of contemporary Solar Manufacturing solutions.



Average household 5kW/h solar system compared to the Metaltex 66kW/h solar system.





///METALTEX



18-24 Evolution Drive Dandenong
South, 3175 VIC



+61 (03) 9706 6106



sales@metaltex.com.au



www.metaltex.com.au



[@metaltexaustralia](https://www.instagram.com/metaltexaustralia)



[@metaltex-australia](https://www.linkedin.com/company/metaltex-australia)