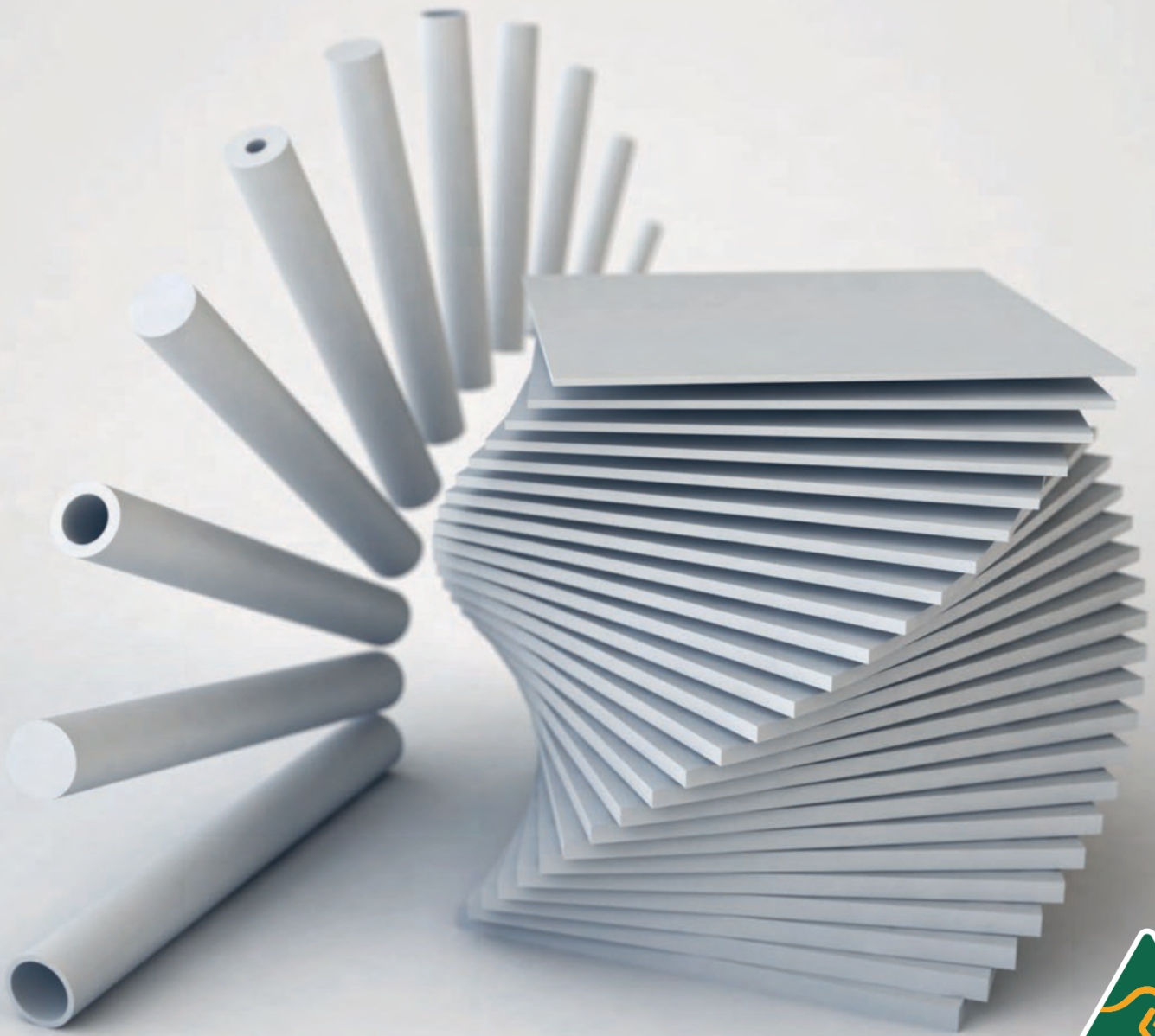




CAPABILITY STATEMENT 2025



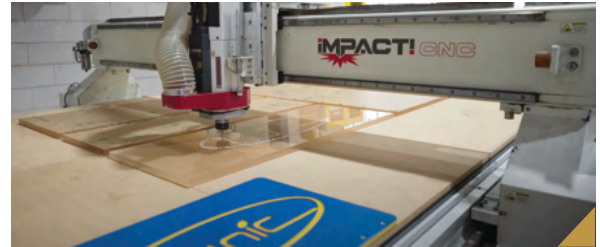


OUR WORKSHOP



CNC Mills x5

The majority of our components are manufactured using our five CNC machining centres. These machines ensure the consistent quality and precision our customers rely on.



CNC Routers x2

With the ability to machine sheets up to 4000x2000mm, our CNC routers specialise in high-volume production.



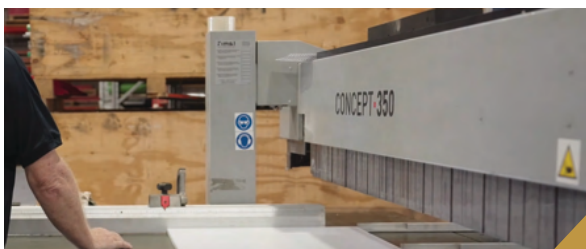
CNC Lathes x3

Our CNC lathes, complete with live tooling, are designed for high-speed and cost efficient production of cylindrical parts, such as shafts, bushings, and threaded components.



Manuel Lathes x2

Our two manual lathes offer precision machining capabilities for small-batch production. These lathes enable us to perform detailed, hands-on machining for high accuracy and adaptability.



Computerised Saws x2

The computerised saws are dedicated to cutting engineering plastic panels to precise dimensions. They provide consistent, accurate cuts with clean edges, minimising material waste.



Manual Mill x1

The manual mill supports custom machining for unique parts, offering the flexibility to create features and finishes that are not achievable with automated equipment.

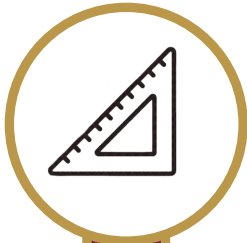
Maximum Machining Dimensions: 4000x2000x150mm Sheet & \varnothing 300x1000mm Rod.

END-TO-END PROJECT DELIVERY

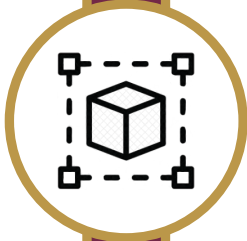
Tynic Automation specialises in reverse engineering OEM components. This capability allows Tynic to analyse, redesign, and manufacture components to improve the pricing, lead time and efficiency of OEM componentry.

CUSTOMER JOURNEY

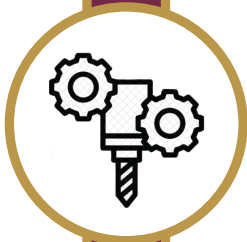
MEASURE



MODEL



MACHINE



DELIVER



***“TYNIC’S TEAM WAS
SUPPORTIVE FROM
PROJECT CONCEPTION
THROUGH TO
COMPLETION”***



OUR CAPABILITIES

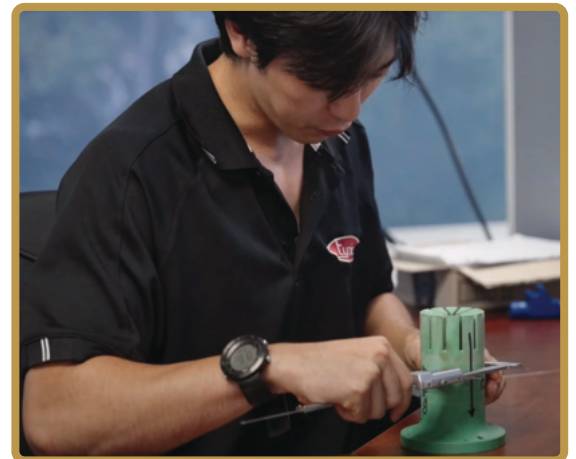
3D Scanning

Tynic Automation offers 3D scanning services to businesses Australia-wide. We are equipped with the latest in scanning technology, capable of supplying a vast range of on-demand industrial 3D scanning services to cater to your engineering requirements. 3D scanning significantly boosts manufacturing efficiency. We currently work closely with iconic brands within the food, beverage, construction, mining and general manufacturing industries.



Reverse Engineering / Modelling

After completing the 3D scanning process, Tynic's team of engineers model the componentry and conduct meticulous measurement checks to ensure precision and accuracy. Our team refine the digital models to align with the original specifications, often making adjustments to improve the component's performance. This careful attention to detail guarantees that each component meets the highest standards of quality and performance.



CNC Machining

Tynic Automation is fully equipped with a state-of-the-art CNC machining workshop, specialised in the manufacturing of Engineering Plastic componentry. Our facility allows us to produce precise parts with exceptional efficiency, catering to a wide range of industrial applications. In-house capabilities enable quick turnaround times and custom solutions tailored to specific client requirements.



Stock Engineering Plastics

Tynic is a leader in engineering plastics supply, offering a wide range of stock sheet and rod material for a diverse range of applications. We provide materials suited to various industries, ensuring high performance and durability. Our standard range of stocked materials includes HDPE, UHMWPE, Nylon, Acetal, Polycarbonate, Teflon, PEEK, and PET.



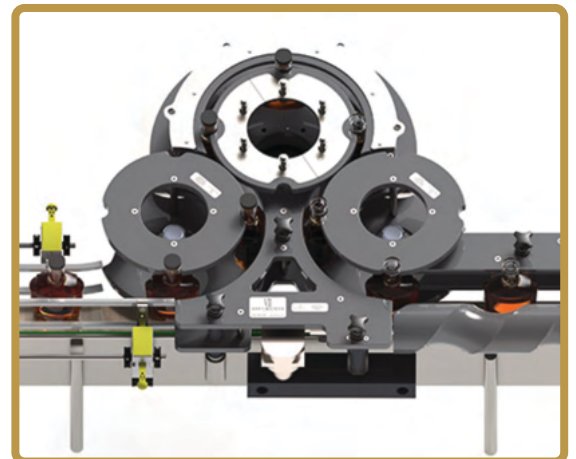
Conveyor Products

SYNAPLEX™, an Australian-owned brand, is your go-to source for high-quality conveyor chains and componentry. We pride ourselves on offering excellent pricing and high-quality products. Partnered with the worlds largest conveyor manufacturers, Tynic can offer solutions for all of your requirements.



Change Part Sets

Tynic Automation's engineering team design change part solutions to fit your application. Our customers enjoy quick lead times and superior quality with our change over solutions. Customers standardising on Tynic's Quick Change Parts for multiple changeover sequences enjoy reduced product loss, faster changeovers, better bottle handling, and less downtime.





OUR PRODUCT RANGES

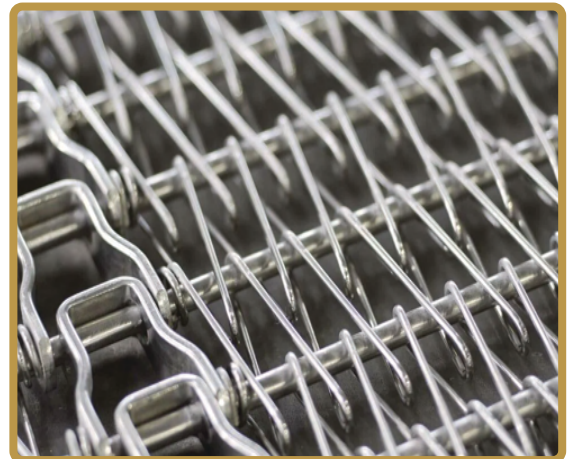
Easy Adjust Guide Rails

Partnered with Septimatech, Tynic Automation delivers adjustable changeover solutions for packaging lines. Our innovative, precision-engineered guide rails provide repeatable and accurate changeovers with intuitive setups and low maintenance requirements. We identify your changeover challenges and turn everyday tasks into operational advantages.



Stainless Steel Mesh Belts

Tynic Automation offers a wide range of wire mesh conveyor belts, available off the shelf or in custom designs with tailored components. Our belts ensure optimal product transport in industrial processes, even under extreme conditions and temperatures. With expertise in analysing operating conditions, Tynic provides the ideal belt for every application.



PTFE Coated Fabrics

Partnered with Fiberflon, Tynic Automation distributes PTFE Coated Fabrics, including a wide range of fabric styles with different yarn counts and coated to different levels of PTFE. Our PTFE coated fabrics range from 15% PTFE for porous to up to 85% for heavily coated products. Available in sheets, rolls, belts or as fabricated customised components.



Industrial Chain

Tynic Automation, as the Australian distributor for Regina, proudly offers a comprehensive selection of industrial chains to meet a diverse array of requirements. From standard ISO normed chains to specialised variants such as conveyor, lifting, film gripper, oilfield, transport, and agricultural chains, our product range is unparalleled.



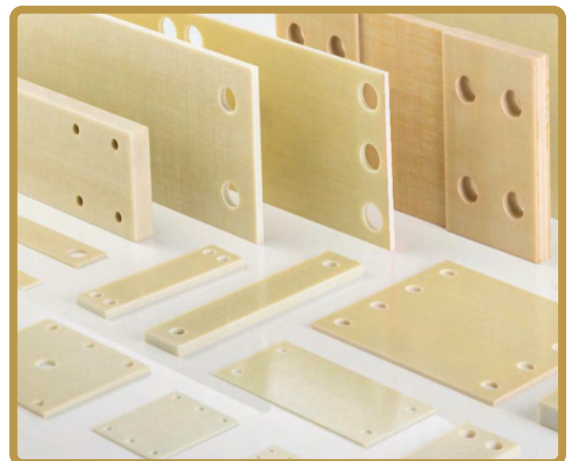
Outrigger Pads

Crane capsizing can lead to severe injuries or fatalities, often caused by unstable surfaces, unsuitable crane mats, or the absence of outrigger pads. Tynic's Sure-Foot Nylon Outrigger Pads offer safe, stable support for lifting equipment. Tynic Automation's Sure-Foot Outrigger pads are available from 300mm to 1220mm wide in both round & square formats.



ScotchPLY™ Leaf Springs

Tynic is the Australian distributor of ScotchPLY, a glass-based composite reinforced with a thermoset epoxy resin matrix. Instead of employing a crisscross pattern, ScotchPLY adopts a unidirectional layup technique. The stacking of these unidirectional layers results in a product with remarkable flexural strength. ScotchPLY is the premium material selection for vibratory conveyor leaf springs.





**ENGINEERING PLASTICS
CONVEYOR PRODUCTS**

“ONE STOP SOLUTION FOR ENGINEERING PLASTICS & COMPONENTRY”

Utilising state-of-the-art technology, Tynic provides a complete engineering package from conception to supply. With 15 active machining centres, Tynic efficiently produces components with minimal tolerances and flawless finishes.



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