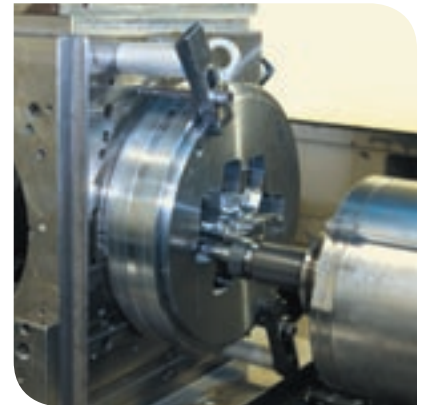


# Extrusion Division

The growing demand for aluminium extrusions by the various fabricating divisions from within the group saw G.James Extrusion commence operations in 1981. This company has since developed the necessary expertise and infrastructure to become recognised as a reliable supplier to the general extrusion market throughout Australia and the Asia Pacific region.

## Die Design and Manufacturing

G.James utilise the latest CAD software and an array of CNC machining centres and EDM wire cutting machines to design and manufacture the extrusion die sets required to produce the specified profile.



Horizontal machining centre milling a die mandrel



In-house die design service



G.James' extrusions are used in a range of road transport applications – from one tonne tray bodies to curtainsiders, tippers and tankers (Photo courtesy of Tefco Trailers)



112 metre wave piercing catamaran, Natchan Rera. G.James supplied marine grade aluminium extrusions (eg. I-beams, T-bars and decking) used in the construction of this vessel. (Customer: Incat, Photographer: Richard Bennett)

## Press Capabilities

G.James operate four extrusion presses (see below) with capacity excess of 2300 tonnes per month.

### Brisbane

- 1 x 1800 m/t (178mm container),
- 1 x 2000 m/t (178mm container)
- and 1 x 2800 m/t (228mm container);

### Sydney

- 1 x 3250 / 3500 m/t (228mm container).

G.James Extrusion is accredited to ISO 9001 and vigorously embraces a quality control management system which stipulates the product quality is monitored throughout all stages of the manufacturing process.



1800 m/t extrusion press and handling system, Brisbane



Vertical powder coat line, Brisbane

## Surface Finishing

G. James supplies a range of attractive and durable anodised and powder coated surface finishing options. Anodising offers clear, bronze, black, multi-colour and bright silver & gold, in either satin, brushed or new media-blasted finishes. G. James also operates Dulux Orica and Akzo Nobel approved powder coat facilities (1 x vertical & 1 x horizontal) for the application of standard and high durability powders.

## Warehousing, Packing and Dispatch

To ensure the fast, efficient turnaround of extrusion orders, G. James commissioned a new high-rack storage system with the capacity to store up to 3000 baskets of mill and finished aluminium. G. James can accommodate individual warehousing, packing and dispatch requirements.



Anodising plant, Brisbane