



Machining for the big jobs

A recent addition to the large machining capabilities at Metaltec Precision International in the Melbourne suburb of Cheltenham is the 8 Axis Machining Center, the largest of its kind in Australia.

This large machining capability enables Metaltec to support Australian companies that would normally have to get their work done onshore. The working envelope of the machine 18m x 4.0m x 3.4m allows for very large jobs to be machined.

The addition of the machine is typical of Metaltec's commitment to its mining industry customers over the last 50 years.

In 2004 Metaltec machined a 12 tonne Forged Bucket Lip for a 35 tonne payload Excavator Bucket. The bucket lip had previously been manufactured using rudimentary techniques such as manual milling, flame cutting and hand grinding to match templates to achieve the final tooth shape. Metaltec fully programmed this job on CAD and CNC machined the complete lip thus achieving high accuracy in a lot less time than by the previous method.

As well as CNC machining centres, Metaltec have available large CNC vertical boring machines and large swing-long bed lathes.