

Baker & Provan Engineering News

Heavy Engineering & Reclamation Specialists



March 2009 Newsletter

■ Baker & Provan Orders Another Large CNC Machine

Baker & Provan is already known for its high quality and large machining capability. To add to its existing 12 CNC machines, Baker & Provan is preparing to take receipt of another large CNC machine. This new machine (picture below) is a CNC Plano Mill with the following features

- 6m x 3m table
- 20 tonne rated table
- 4 axis control
- With pallet changer (not shown in the image below)
- 2m machining height / clearance below column
- with tool changer

This new machine is a Japanese brand known as SNK (Shin Nippon Koki). The machine has been ordered and is due to arrive at our St Marys site in western Sydney in May 2009.



■ Baker & Provan Gears up to make Heavy CNC Machining Capacity Readily Available

With the expected arrival of the SNK machine (above), this will increase the availability of Baker & Provan's existing and large 12 metre CNC floor borer to be of further assistance to our customers for large and heavy machining requirements. The features of the floor borer are

- 2.5m x 3m CNC rotary table
- 30 tonne rated table
- 6 axis control
- 12 metre machining length
- 4 metre machining height
- Fixed bed rated to 100 tonne



Traditionally, the demand for this machine has been high for several years. However, in the near future, we expect to be able to offer greater flexibility and better turnaround with 2 large CNC machines. This should also assist the ability to offer improved turnaround on the existing 12 CNC machines by pushing the work up to the larger machines to provide better turnaround on smaller components when the need exists.

The photos below are some of the large jobs machined on the CNC floor borer by our skilled operators Neil and Steve.



■ ... and Heavy Fabrication Capability

In support of the heavy machining capability, Baker & Provan also has the capability and experience in providing heavy fabrication services, with a lifting capacity of a 70 tonne crane (on site) to be installed in the near future. A few of the larger fabrication pieces completed in the past are shown below.



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Contact: Steve Zakaria, Direct Line: 02 8801 9022

Group Business Development Manager

Email: szakaria@bakerprovan.com.au

Web: www.bakerprovan.com.au