

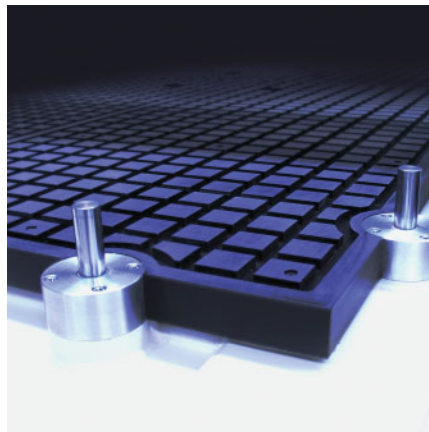
Total CNC Solutions from iCAM

iCAM, New Zealand's own manufacturer of CNC Nesting Machines, have again raised the bar with the release of the NBM CNC-Machining Center.



Designed for joinery businesses making the move to Nested Based Manufacturing, the NBM series offers many features usually only found on the more expensive imported machines.

Not only is the NBM the ideal nesting machine it also can be adapted for component processing, making the NBM one of the most versatile machines on the market. Double acting vacuum pods hold components above the bed to allow aggregates access for processing edges.



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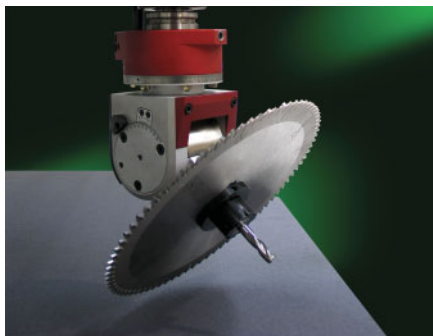
Travelling with the gantry is a 10-station rotary auto tool change unit. This new 'present tool' style unit was developed to overcome some of the problems associated with conventional type tool changers. The station remains below the matrix bed and presents only the tool required. This reduces tool change time and the risk of expensive collisions. The tool change unit is servo controlled and bi-directional taking the shortest route between tools.

The standard cutting head is a 7.5kw ISO30 high frequency spindle. A 10kw spindle is an option as is HSK connection on both spindle sizes. Twin heads are also available for those wanting the ultimate in production capabilities.



One of the easiest to use on the market, iCAM's operator interface is simple and clear. Most operators require less than an hours training to learn to manage tools and process jobs. 'You shouldn't need to be a NASA technician to run a CNC machine'.

The operator panels within the user interface are tailored to suit each installation. They are designed to be simple to use and to provide the operator with maximum feedback - as well as ensuring safe operation of the machine.

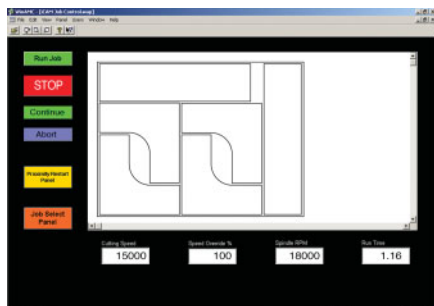


Aggregates available include horizontal drilling and routing units, sawing units, corner notching and floating head units.

Standard process sizes range from 1220x2440mm to 1830x6000mm and custom sizes can also be ordered. The matrix table, combined with a high flow vacuum pump, provides the ultimate material hold-down, essential for effective nesting.

Before running a job the operator can load the job into the Operator Interface and view not only the G-Code but also graphically view the job and its position on the machine bed.

When a job is running the operator can also view the progress of the job graphically on screen. Feed rates are displayed on screen and can be adjusted as the job is running.



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Genuine industry standard G-Code programming language means the end user can choose machining software that best suits their application. Commonly used software packages used in the joinery

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Unlike some of the more expensive machines on the market, the iCAM NBM supports tool compensation. This means toolpath files are not tool dependant, giving



more flexibility on the factory floor.

When considering the move to CNC Technology, be sure to put iCAM on your list of machines to take a look at.

To find out more call iCAM on 0800 422 669.

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*NBM2412 -2440x1220 process size, includes: 10 hp high frequency spindle, 10 station on-board rotary auto tool change unit, high flow matrix vacuum table, 300m³/h vacuum pump, automatic retract sheet location pins.



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consider iCAM - Your local CNC Experts.***

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