

## Machining Navi

**Brand:** Okuma Australia



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**Less chatter leads to greater output**

Okuma's Machining Navi is an optional function that uses the OSP-P control and sensors to monitor chatter. When chatter is detected, the function then either recommends spindle speed changes (Machining Navi L-g and Machining Navi M-g) or automatically makes the spindle speed adjustments (Machining Navi M-i). By choosing the optimal speed(s) that allow your machine to avoid chatter, you can save operator time and maximize productivity.

- Suppress chatter by employing automatic spindle variation for lathe applications, all while maintaining safe speeds
- Analyze chatter and display optimal settings for chatter-free spindle speeds for high-speed machining center applications
- Measure chatter vibration using built-in sensors that automatically shift RPMs to the ideal speed to avoid chatter
- Optimize cutting at the machine's highest performance limits
- Improve the ability to test new materials and cutting tools

[Features & Benefits](#)

[Examples of amazing applications](#)

[More information](#)

**Machining Navi Garner's 4 Awards**  
Machining Navi productivity improvement technology acclaimed in various countries

Year	Country	Award Name	Description
2011	Japan	Japan Society of Die/Mold Technology (Incentive Award)	Awarded to outstanding papers presented at the die engineers meeting and die technology workshop.
2010	Japan	Japan Society of Mechanical Engineers Medal (Technology)	Presented by JSME to encourage further advancements in Japanese mechanical engineering and industry.
2010	Germany	MM Award [Germany]	Given by leading German technical journal Maschinemarket for innovative products and technologies.
2011	France	Innovation Award [France]	Presented to innovative products reviewed by prominent French technical journals.

**Video**

**Product Gallery**

