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## **Mitsubishi Electric to Launch Highly Operable & Accurate New CNC Series – MITSUBISHI CNC E70 Series –**

**Tokyo, October 30, 2012** – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today the launch of a new line of computerized numerical controllers (CNC), the MITSUBISHI CNC E70 Series, which extends the company's tradition of extra-operable and accurate high-end CNCs for industrial production. Sales will begin on December 3, 2012 and prices will be available by quotation. The company expects to produce 3,000 units per month.

The E70 Series, which offers world-class ease of use, high speed and accuracy, and reduced takt time, will be showcased at the 26th Japan International Machine Tool Fair (JIMTOF 2012) at Tokyo Big Sight in Japan from November 1–6.



MITSUBISHI CNC E70 Series

Precise mass production of automobiles and electronics requires machine tools that achieve exceptional accuracy and productivity, including through the incorporation of highly operable CNCs capable of high-capacity operation. The rising use of factory automation, particularly in China, Korea, Taiwan and emerging countries such as Brazil and India, has triggered increased demand for CNC machine tools.

### **Main Features**

#### *Simple operability for stress-free operations*

- Employs the same simplified screen configuration employed popularly in the M700V and M70V series
- Wide array of support tools, including parameter editor tool to reduce initial setup time
- Features attachment and wiring of higher-end models for simplified machine design and assembly
- Ethernet interface enables connection with PCs for data input/output

High-accuracy, nanometer-increment position interpolation

- Achieves exceptionally smooth cutting surfaces thanks to position interpolation in 1nm increments
- Analog output enables use of inverters for spindles

**Specifications**

Specifications		Lathe system	Milling system
Control axes	Max. number of axes (NC axes + spindles + PLC axes)	6	6
	Max. number of NC axes (in total, across all part systems)	3	3
	Max. number of spindles	2	1
	Max. number of PLC axes	2	2
	Number of simultaneous contour control axes	3	3
Max. number of part systems		1	1
Least command increment		0.1µm	
Least control increment		1nm	
Max. program capacity		230kB (600m)	
Max. PLC program capacity		8,000 steps	
Display		8.4-inch color TFT display	
HMI Customization function		NC Designer	
Connection to MITSUBISHI CNC machine operation panel		Available	

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**About Mitsubishi Electric**

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 3,639.4 billion yen (US\$ 44.4 billion\*) in the fiscal year ended March 31, 2012. For more information visit <http://www.MitsubishiElectric.com>

\*At an exchange rate of 82 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2012

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