

For immediate release

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With Art: Image of HU100-5X

Mitsui Seiki to Demonstrate 1.5-Meter, Heavy-Duty HMC at IMTS 2014

Booth S-8519

[FRANKLIN LAKES, NJ – JUNE 2014] Mitsui Seiki will demonstrate a representative of its line of large capacity, heavy duty machining centers at IMTS 2014 held September 8 – 13 in Chicago. Mitsui Seiki will be located in booth S-8519. The HU100-5X is aimed at a variety of manufacturing industries interested in versatile equipment for heavier applications, such as aerospace, power generation, refrigeration and compressor, mold and die, and off-road equipment. All of these industries have fundamental common requirements: machine rigidity, stiffness and high accuracy.

The HU100-5X machine that will be at IMTS 2014 is ideal for larger aerospace and power generation parts featuring an X, Y, Z work zone capacity of 1500mm x 1200mm x 1200mm. The machine accommodates a weight up to 4, 400 lbs. (2000kg). Other compelling features include maximum spindle torque of 2,000 ft-lbs, HSK 125A tool taper, dual pallet changer, an automatic workpiece/fixture measuring and compensation system, non-contact laser tool setting device, 3D tool compensation, dynamic feature offset, and Fanuc 30iM control.

As with all Mitsui Seiki's machine tools, high accuracy and ultra rigidity come from the builder's attention to the basic structure, 3D FEM Design, hand scraping of all castings for

geometry and frequency tuning, plus hardened and ground steel box ways. All critical components for the machines are designed, manufactured, and quality controlled in-house at one of the world's most advanced machine tool factories.

For more information, visit IMTS 2014 Booth S-8519, or contact Mitsui Seiki USA, Inc., (201) 337-1300, www.mitsuseiki.com.

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