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With art: cover image of brochure

Caption: *Mitsui's new brochure details several models in the company's line of "Heavy Metal" machining centers*

Mitsui Seiki Publishes 4 and 5-Axis "Heavy Metal" Machining Centers Brochure

[Franklin Lakes, NJ – August 2008] Mitsui Seiki's line of "Heavy Metal" CNC machining centers are the result of decades of experience and R&D in titanium and nickel alloy airframe and aerospace engine component manufacturing. The 4 and 5-axis horizontal machining centers in the advanced product line range from 500 mm to 1,500mm square pallets (20 in. to 60 in.) and are detailed in a new brochure.

All the machines are designed for highest volumetric accuracy and stiffness. The beds use a patented cast metal for rigidity and thermal stability. Hand scraping is used to achieve the geometrical requirements now being demanded by progressive energy equipment manufacturers. This, combined with positioning accuracies, measured in microns ensure overall volumetric component precision. A variety of milling spindles are available, from ultra high torque geared units (essential for cutting tough materials in low rpm, high frequency machining) to high speed direct drive spindles for super finish applications. These machines are capable of handling large bending moments at the tool taper interface up to 35,000 inch pounds to increase productivity in roughing operations and stability in finishing operations.

For a copy of the brochure, contact Robert Hegney, Mitsui Seiki, 563 Commerce Street, Franklin, NJ, (201) 337-1300, www.mitsuisseiki.com.

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