

Milling Machines

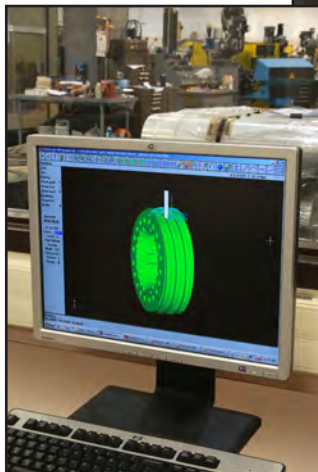
The Mechanical Fabrication Center's (MFC) modern facility at Southwest Research Institute® (SwRI®) houses a wide variety of milling machines for use in various milling operations. Pictured are some examples of mills available at the MFC. For additional information about the MFC, contact Mark Waldron at mwaldron@swri.org.



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CNC Mitsui Seiki® VS5A. This large 4-axis vertical mill can accommodate materials up to 25" by 50". As many as 30 different cutters can be loaded into a tool carousel, which is shown in the upper photo. This tool carousel allows a variety of cutters to be available for automatic changeout during operation of the mill. The inset photo shows an antenna mast being milled to specifications.

CNC Hurco® Hawk. This 3-axis surface machining tool employs a right-angle rotary attachment. The inset photo shows the actual part in 3D as a CAD model on a computer monitor. Computer monitors are used for all computer numerical controlled (CNC) programming and machining.