

Modern Equipment Review

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Fryer VMC Enables Easy Loading of Large Parts

Fryer Machine Systems' VB series of vertical machining centers are built in the U.S. and designed for easy loading of large parts. Designed without an enclosure, the open design, large frame and rugged construction supports versatility in production and job shop applications.

The VB series features five machines with X-axis travels ranging from 60" to 160". The Y-axis travels are 30", 35", 40" and 50".

Box ways on all three axes provide high rigidity and minimize vibration to extend tool life. All friction surfaces are Turcite-coated, oil-fed and slide on top of the box ways to reduce wear and increase accuracy. The Meehanite castings are machined twice and stress-relieved.

Simple setup and programming enables these machines to be efficient for even short runs. Full manual operation makes one-off part production quick. Full conversational mode and G-code mode are designed to provide rapid programming.

The Fryer-Siemens CNC enables shopfloor programming for single-piece runs and G-code programming for high production. "Do One" cycles eliminate manual setups by enabling single cycle operation with no pro-



gramming. Users can automatically thread, rough, turn, drill and tap, one step at a time. Regenerative drives can also reportedly save over 40% on electricity.

Fryer VB machines are built for high-performance cutting, accuracy, reliability and ease of use. They are well suited for fabrication, mold making, toolroom and repair facilities.

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