

Technical Data

		VTC 5000	VTC 6000	VTC 7000	VTC 8000
Capacities					
Table Size	mm	5000	6000	7000	8000
	in	196.9	236.2	275.6	315
Max swing and facing capacity	mm	6000	7000	8000	9000
	in	236	276	315	354
Max height table top to ram bottom	mm	3500 (4500 / 5500)			
	in	138 (177 / 217)			
Max table speed	rpm	1 - 75	1 - 60	1 - 45	1 - 45
Ram head					
Ram size	mm	350 x 350			
	in	13.8 x 13.8			
Z-axis vertical ram travel	mm	2500			
	in	98.4			
X-axis horizontal travel	mm	± 3250	± 3750	± 4100	± 4600
	in	± 128	± 148	± 161	± 181
Feeds / traverse	m/min	20 X- and Z-axis, 2 W-axis			
	ipm	787 X- and Z-axis, 78.7 W-axis			
Downward feed trust	N	45,000			
	lb	10,116			
Table					
AC drive motor	kW	200			
	hp	267			
Maximum table torque	Nm	160,000	160,000	255,000	255,000
	ft lb	118,016	118,016	188,088	188,088
Load capacity*	kg	150,000	150,000	250,000	250,000
	lb	330,000	330,000	550,000	550,000

*Load capacity may vary depending on workholding and balance conditions

- Large capacity with swings of 6 to 9 meters and load capacities to 250,000 kg
- Powerful 200 kW (267 hp) table drives
- Multi-functional with a wide range of attachments
- Operator platform allows safe viewing of operations



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Metal Cutting | Composites

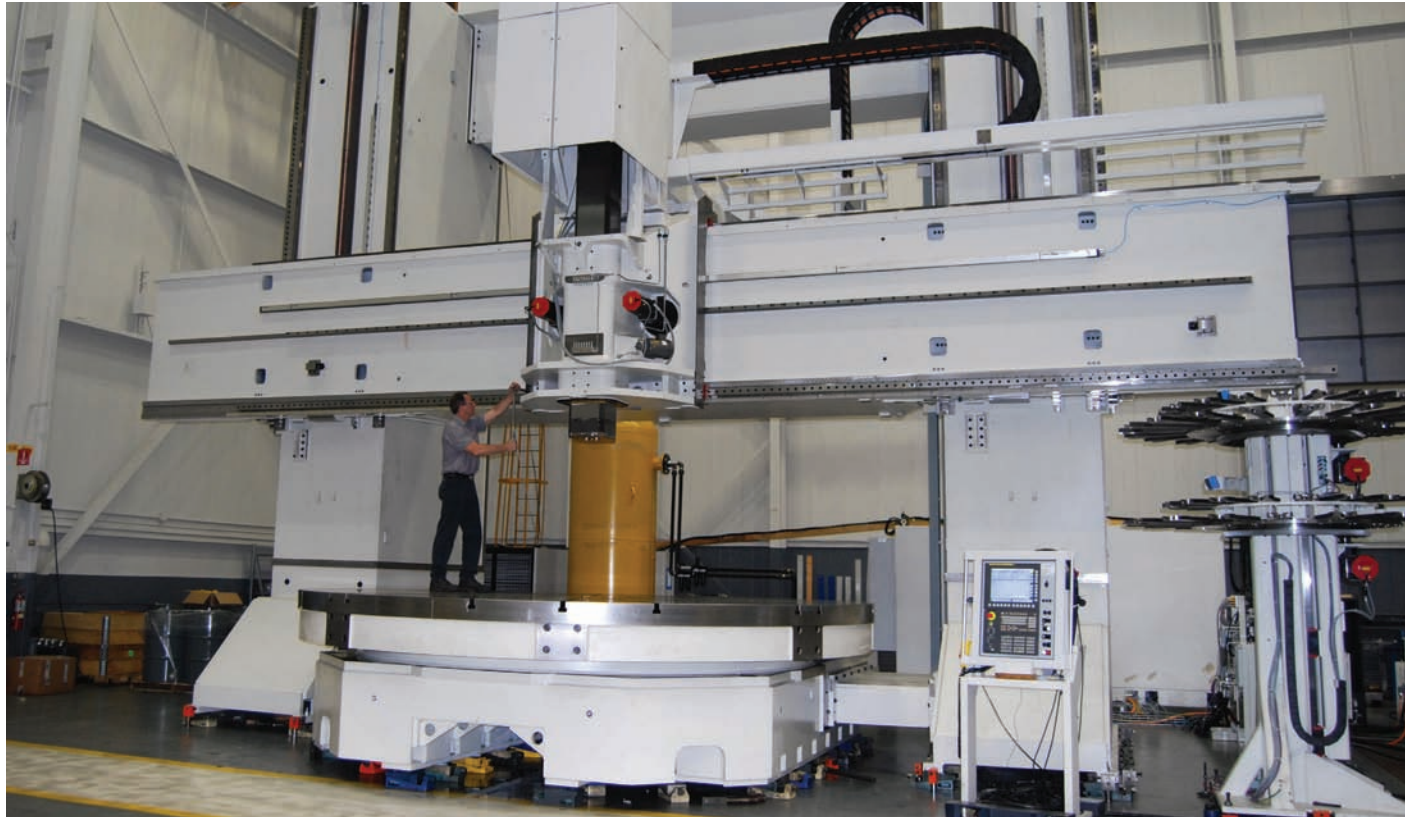
Giddings & Lewis 5 to 8 Meter Vertical Turning Centers



Massive Turning Capabilities

- Large capacity with swings of 6 to 9 meters and load capacities to 250,000 kg
- Powerful 200 kW (267 hp) table drives
- Multi-functional with a wide range of attachments
- Operator platform allows safe viewing of operations

Robust Construction for Heavy-Duty Large-Part Machining



A tradition of quality construction and high precision in 5 to 8 meter vertical turning centers

Large-Capacity, High-Precision Machining

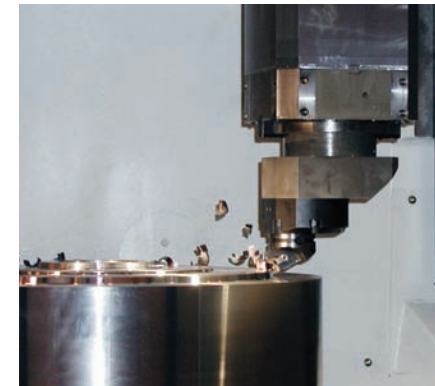
With industry leading machine rigidity and versatility the largest of the **Giddings & Lewis vertical turning centers** are designed to handle not only heavy cuts on massive parts but highly complex geometries as well with extreme precision.

- Modular design - configure the machine to the application
- Infinitely-adjustable cross rail functions as a positioning or machining axis
- High dynamic stiffness of hydrostatic ram allows heavy cuts and produces superior surface finishes
- Full X-axis travel right and left of center
- Accepts variety of tooling systems including 50 taper, KM 80 or Capto modular tools



Designed and built by the best machine tool engineers and craftsmen in America

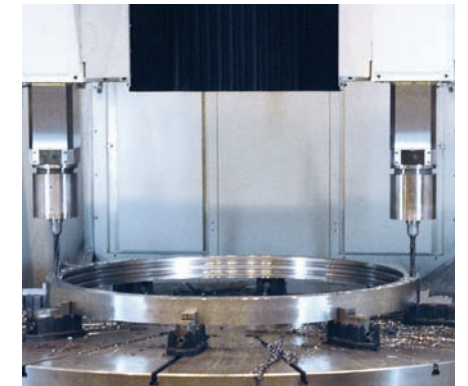
Attachments and Options Add Machining Versatility



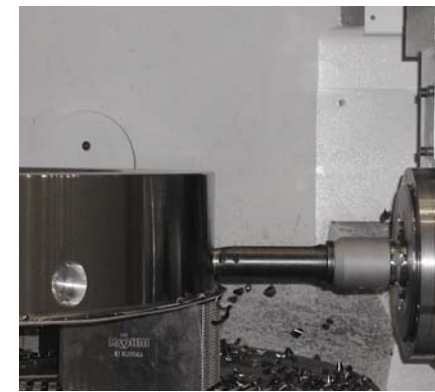
Standard turning



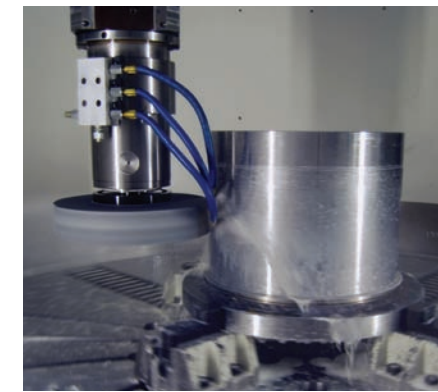
Live spindle



Four-axis



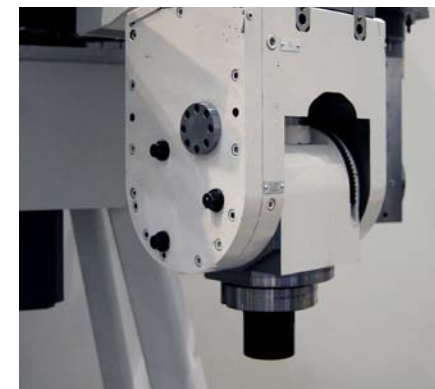
Right angle



Grinding



Y-Axis



Swivel attachment



Operator platforms



Tool magazines

Attachments Add Milling, Grinding and Multi-Axis Operations

- Live spindle adds milling drilling and tapping functionality
- Perform operations on the side of a part without a second setup with a variety of attachments including
 - Y-axis attachment
 - Right angle head
 - Swivel head
- Simultaneously cut parts with the four-axis version featuring two heads and rams
- Machine the OD, ID or part face with a grinding attachment

Convenience and Productivity Enhancing Options

- Standard disk tool magazine handles 26 to 57 tools
- For production requiring a large number of tools, chain-type tool magazines are available with 60, 100 or 200 positions
- Elevating platforms put the operator at convenient heights to monitor machining and facilitate tool maintenance