

# Overview product guide VTC 1000



## Machine Picture



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## Machine Specification

VTC	1000			
Working Area				
Max. turning Diameter	mm	1000 [1250]	inch	39.37 [49.21]
Max. Schwing Diameter	mm	1,300	inch	51.18
Height under Rail/ Fixed/[ ]	mm	1180 [1680]	inch	46.45 [66.14]
Cross slide				
Z – Axis RAM I / II	mm	750 [1250]	inch	29.52 [49.21]
Rapid travers X /Z Axis	m/min	20	Inch/m	787
Main Drive				
max. power [40% duty]	KW	56		
max. torque [40% duty]	Nm	17,113		
max. speed	rpm	630		
Tooling KM80				

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## Key Selling Features

- Full Cross rail travel
  - Ability to cut from sides of center to reduce tool change time
  - Probing a diameter is four time more accurate than radius
- Optional live spindle adds milling, drilling and tapping capabilities reduce part processing and setups
- Module KM80 or Capto C8 tooling
- Floor level tool storage for easy loading
- Siemens 840D or GE Fanuc 310i controls offer the customer the control of choice for their shop

## Product Competitors

- Toshiba [www.toshiba-machine.com](http://www.toshiba-machine.com)
- DST [www.ds-technologyusa.com](http://www.ds-technologyusa.com)
- Carnaghi Pietro [www.pietrocarnaghi.com](http://www.pietrocarnaghi.com)
- Okuma [www.okuma.co.jp](http://www.okuma.co.jp)
- Mazak [www.mazak.com](http://www.mazak.com)

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## Typical Parts Manufactured

- Rings - Coupling
- Gears
- Pump housing
- Wheels
- Compressor housings
- Gas Valve bodies
- Rear spindles (Construction)
- Railway wheels
- Electric motor frames



## Average Price

- VTC 1000 → \$ 600,000

### Average Machine

- Height under the rail 1180
- Ram Travel 750
- 25 position tool changer
  - 4 wedge lock
  - 21 modular
- Plain table
- Full Enclosure
- Standard coolant system
- Chip conveyor
- Foundation hardware
- Siemens 840D control