



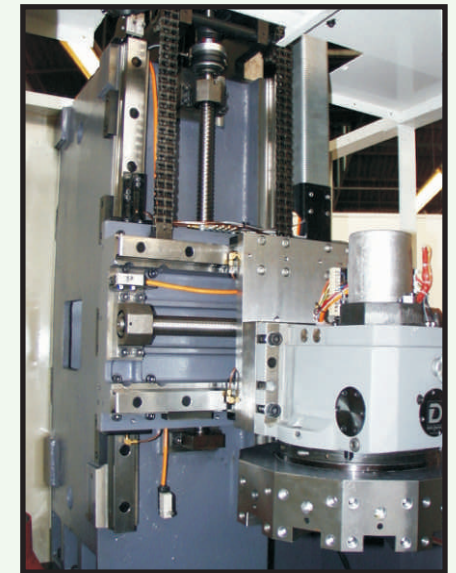
VT-30



Vertical CNC lathe

- ✘ *Fanuc Oi TC ultra high speed CNC.*
- ✘ *Fanuc Alpha AC Servo Motors.*
- ✘ *Fanuc Alpha Main Spindle motor.*
- ✘ *315mm three jaw power chuck.*
- ✘ *Easy loading of heavy parts.*
- ✘ *Ideal for out of balance components.*
- ✘ *High accuracy and excellent production repeatability.*
- ✘ *Excellent machine reliability.*
- ✘ *Fast cycle times.*
- ✘ *Excellent chip flow.*
- ✘ *Ergonomically designed.*
- ✘ *Minimum floor space required.*

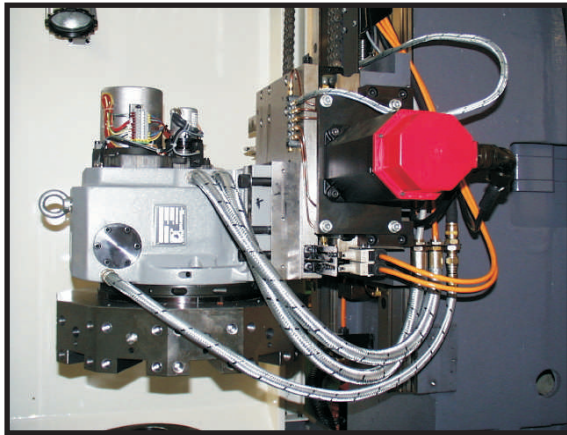
- ✘ **PRODUCTIVITY**
- ✘ **PERFORMANCE**
- ✘ **PROFITABILITY**



EFAMATIC

VT-30

The EFAMATIC VT - 30 VERTICAL SPINDLE CNC lathe has a meehanite cast iron base and column for extra rigidity and stability. Both axes are fitted with heavy duty linear guides and large diameter ballscrews supported by precision angular contact bearings. The ballscrews are coupled to the maintenance free Fanuc Digital Servo Motors by high precision couplings which offer the best rigidity and which allow for fast rapid traverse rates and accurate tolerance machining. Automatic lubrication is provided to all the guideways and ballscrews and the lubricator only discharges during operation, thus preventing unnecessary oil contamination of the coolant. Heavy duty linear guides allow for high precision heavy duty turning and ensure long term working accuracy. The Z Axis counterbalance system facilitates fast rapid traverse and consistent accuracy. Ample power for heavy roughing cuts is supplied to the main spindle by the Fanuc Alpha P40 digital AC motor. High pressure as well as flood coolant is standard and the base has been designed for efficient swarf removal by the conveyor which is standard equipment.



For further information contact:

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MACHINE SPECIFICATIONS

Spindle Nose	A8
Standard Chuck Size(opt)	Dia 315 mm (375)
Swing over Covers	Dia 460 mm
X Axis travel (radius)	300 mm
Z Axis travel	550 mm
Maximum Spindle speed	2500 RPM
Rapid Traverse X Axis	15 m/min
Rapid Traverse Z Axis	15 m/min
Turret	12 Stations
Turret across flats	450 mm
Turning toolholder size	25 mm square
Maximum Boring Bar dia	50 mm
X Axis Motor AC	8 Nm continuous
Z Axis Motor AC	12 Nm continuous
Main Motor Power AC	22 kW (P40)
Main spindle front bearing	130 mm inside dia
Main spindle rear bearing	110 mm inside dia
Ball screw X axis	40 dia x 5 mm Pitch
Ball screw Z axis	40 dia x 10 mm Pitch
Machine Volume	1.8 W x 20 D x 2.4 H
Machine Weight	5000 KG

CONTROL SPECIFICATIONS

LCD Colour Monitor	Multiple repetitive cycles
Toolpath Graphics	Prog. Data input G10
Program memory 120 KB	Background editing
Absolute Encoders	Run hour & parts count display
Direct dwg dimension program	1st Spindle orientation
Canned cycles	64 Tool offset pairs

STANDARD EQUIPMENT

12 Toolposts	High pressure coolant
6 Reducing Bushes	Linear Guides
1 Set Hard Jaws	Machine Light
1 Set Soft Jaws	Toolkit

OPTIONAL EQUIPMENT

Automatic Door opener	Magnetic or Scraper conveyor
Special Toolholders	

Specifications subject to change without notice