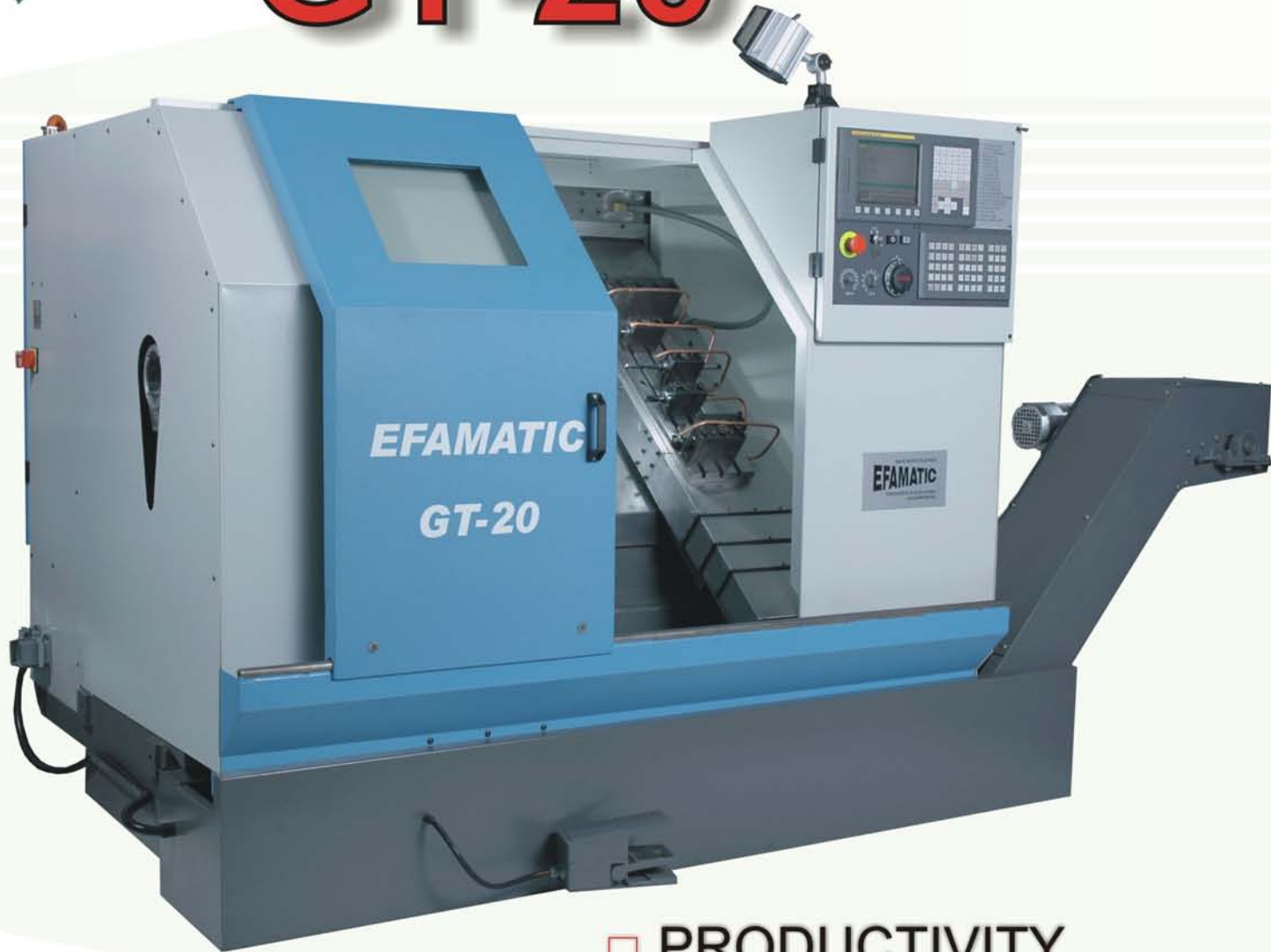




# GT-20



## Slant Bed CNC lathe

Strong, Reliable,  
Accurate, Fast for  
Cost Effective  
Manufacture

- ☞ *Fanuc Oi TC high speed CNC.*
- ☞ *Fanuc AC Servo Motors.*
- ☞ *11/15 kW Main Spindle motor.*
- ☞ *200mm three jaw power chuck.*
- ☞ *High accuracy and excellent production repeatability.*
- ☞ *Excellent machine reliability.*
- ☞ *Fast cycle times.*
- ☞ *Excellent chip flow.*
- ☞ *Ergonomically designed.*
- ☞ *Minimum floor space required.*

**EFAMATIC**

- ☐ **PRODUCTIVITY**
- ☐ **PERFORMANCE**
- ☐ **PROFITABILITY**

# GT-20

The EFAMATIC GT - 20 has a Fanuc Oi TC control and a rigidly designed base which has a 40 degree slant bed. The slant design of the bed allows for the swarf to fall directly onto the conveyor and both the X and Z axis slides are protected from the ingress of shavings. 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 machining, thus preventing unnecessary oil contamination of the coolant. A Grundfos high pressure coolant pump which is ideal for U drilling is standard and the base has been designed for excellent chip flow.

An option is an A8 spindle with 250mm chuck giving a bar capacity of 75mm.



## MACHINE SPECIFICATIONS

Spindle Nose (opt)	A6 (A8)
Standard Chuck Size (opt)	200 mm dia (250mm)
X Axis travel	950 mm dia
Z Axis travel	300 mm
Maximum Spindle speed	4500 RPM
Rapid Traverse X Axis	20 m/min
Rapid Traverse Z Axis	20 m/min
Bar Capacity (opt)	52 mm (75mm )
Turning toolholder size	20 mm square
Maximum Boring Bar diameter	32 mm
X Axis Motor AC	8 Nm continuous
Z Axis Motor AC	12 Nm continuous
Main Motor Power AC	11/15 kW
Main spindle front bearing	90 mm inside dia
Main spindle rear bearing	85 mm inside dia
Ball screw X axis	32 dia x 10 mm Pitch
Ball screw Z axis	32 dia x 10 mm Pitch
Machine Weight	3500 kgs

## 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
Direct dwg dimension prog	1st Spindle orientation
Canned cycles	64 Tool offset pairs

## STANDARD EQUIPMENT

6 Toolposts	High pressure coolant
5 Reducing Bushes	Linear Guides
1 Set Hard Jaws	Machine Light
1 Set Soft Jaws	Toolkit
Hydraulic Oil Cooler	Heat Exchanger

## OPTIONAL EQUIPMENT

Automatic door opener	Collet Chuck
Spindle Orientation	Parts Catcher
Special Toolholders	A8 spindle

Specifications subject to change without notice



For further information contact:

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