

**NEW**

# Gate – ECLIPSE

## CNC Lathes

Premium CNC lathes affordably priced

Introducing the New Gate – Eclipse ECL-TR400 CNC Training Lathe.

The ECL-TR400 offers high precision and easy operation with low maintenance & good features for the modern educational / training facility and for industry at a very affordable price. All Gate – Eclipse CNC Lathes are supplied with a 2 year warranty as standard.



### ECL-TR400

### An Ideal Machine for that first step into CNC



ECL-TR400 pictured with Fagor 8055iA control & optional V8 turret

- Ideal for Education and Training
- Great for production
- Ideal for one-offs and small batches
- Longer production runs are no problem
- High Performance
- High Accuracy
- Intuitive control system
- Wide range of options for optimal performance

#### Tool holder options:

- Standard Quick Change Toolpost 25 x 25 mm
- V8 Turret (option) VDI 30 20 x 20 mm 20mm Dia

#### Standard Accessories

- Fagor 8055i/ATC/Centurion 7 controller
- Spindle & servo motor package
- Manual quick change tool post
- Fully enclosed splash guard with interlock safety device
- Automatic lubrication system
- Coolant system
- Tailstock
- Tool set & box, level pads, operation manual & parts list
- CE regulated

#### Optional Accessories

- Manual 3-jaw chuck
- 4-jaw Independent chuck
- Steady rest
- Follow rest
- Hydraulic turret
- Working light
- safety module
- EMC
- Transformer

MODEL	ECL-TR400	MODEL	ECL-TR400
<b>Capacity</b>		<b>Feed motors</b>	
Swing over bed	446mm	X axis power	5.39Nm (Yaskawa)
Swing in gap	546mm		6.3Nm (Fagor)
Swing over cross slide	240mm	Z axis power	5.39Nm (Yaskawa)
Max turning length (with turret)	650mm (QCT)		6.3Nm (Fagor)
	600mm (Hydraulic turret)	<b>Ball screw</b>	
<b>Travel</b>		X axis	25mm x 5mm P. x C3
X axis	250mm	Z axis	40mm x 5mm P. x C3
Z axis	760mm	<b>Tailstock</b>	
<b>Spindle</b>		Quill stroke	165mm
Speed range	3000rpm	Quill diameter	65mm
Suitable chuck size(option)	6"-8"	Quill inside taper	MT 4
Spindle nose	A2-5	<b>Coolant</b>	
Spindle hole diameter	ø52mm	Pump motor	270W (50Hz)
Motor power	5.5KW/7.5KW		350W (60Hz)
<b>Feed rate</b>		Pump capacity	20 L/min
X axis rapid traverse	15m/min	Pump pressure	0.65Kg/cm <sup>2</sup> (50Hz)
Z axis rapid traverse	15m/min		0.9Kg/cm <sup>2</sup> (60Hz)
Jog feed	3m/min	<b>Lubrication</b>	
<b>Accuracy</b>		Pump motor	12W
Positioning	+/-0.005mm	Pump capacity	130cc/min
Repeatability	0.005mm	<b>Dimension</b>	
<b>Slide</b>		Weight	2100Kg
Bed Width	300mm	Length	2230mm
Cross slide guide width	215mm	Width x Height	1560 x 1790mm