

The Gate – Eclipse range of CNC Lathes bridges the gap between conventional and full CNC. They are ideal for one-offs and small batch work, as well as production work. The user-friendly Fagor 8055iA CNC control makes them easy to program, and the new operator will be able to program complex parts after only one day's training. The Gate – Eclipse range of CNC lathes are also available with Fanuc & Siemens control options. All Gate machines come with a 2 year warranty as standard.



* pictured with Fagor 8055 control

MODEL ECL-360

Swing over bed	360mm
Swing over cross slide	180mm
Centre height	180mm
Distance between centres	880mm
Width of bed	260mm
Spindle speeds	25-3000rpm infinitely variable
Spindle nose	D1-6
Spindle bore	52.5mm
Chuck size	200mm
Longitudinal working	855mm
Cross slide working stroke (X axis)	190mm
Size of toolpost shank	20 x 20mm
Tailstock diameter	58mm
Tailstock travel	140mm
Tailstock taper	4MT
Spindle motor	5.5KW
Rapid traverse X/Z	12m/min
Feed rate	0.01-1000mm/rev
Jog feed rate	500mm/min
Machine weight	2000Kg

Eclipse CNC Lathes Standard features include:

- CNC controller (Fagor 8055iA)
- Automatic speed change
- Infinitely variable speed controlled by inverter
- Constant Surface Speed CSS
- Ergonomic design for ease of operator use
- New shape round interlocked guards
- One-piece base castings for superior rigidity and strength (not ECL-360 & ECL-400)
- Quick change tool post with 6 tool holders

Machine options include:

- High speed 3 Jaw chuck
- Electronic 4-way tool post
- 8 position automatic VDI turret
- C axis
- Swarf conveyor
- Fixed & travelling steadies
- Joy stick
- Portable electronic handwheel
- Pneumatic 3-jaw chuck
- Hydraulic 3-jaw chuck
- Bar feeds
- Choice of controls: Siemens Fanuc