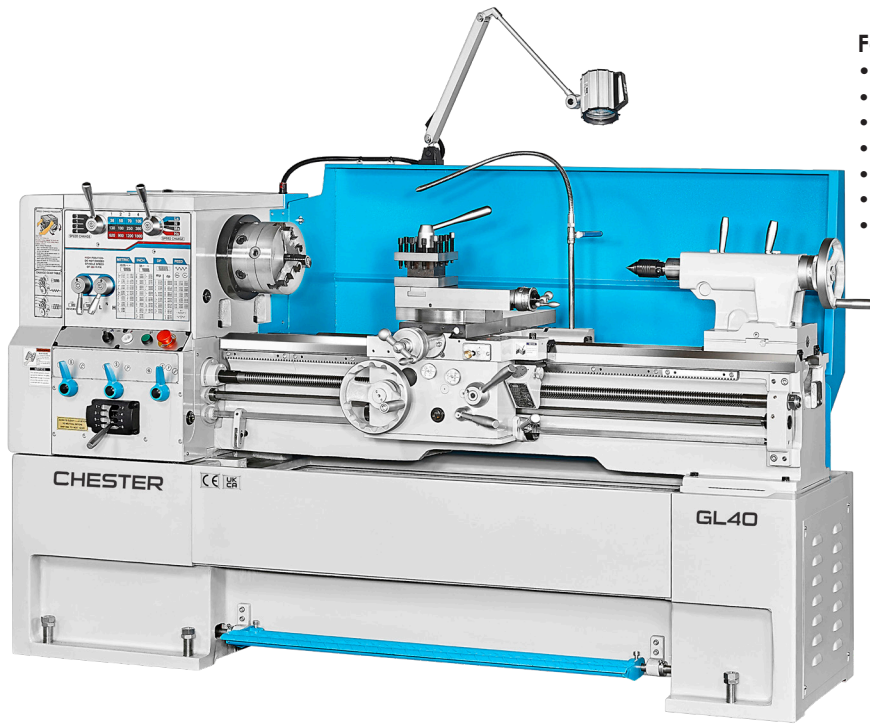


**Features:**

- All castings are fully stabilized and stress-relieved
- Bed ways are hardened and ground
- Turcite B coating is applied between the bed and carriage
- Exceptionally low noise levels
- Equipped with a foot brake pedal
- Includes a built-in coolant pump and fittings
- Wider bed ways for enhanced vibration absorption

Model	GL40x1000	GL40x1500	GL46x1000	GL46x1500
Centre Height	205mm	205mm	231mm	231mm
Swing over Bed	410mm	410mm	462mm	462mm
Distance between Centres	1000mm	1500mm	1000mm	1500mm
Swing over Cross Slide	255mm	255mm	305mm	305mm
Swing in Gap	620mm	620mm	652mm	652mm
Gap Length in front of Face Plate	120mm	120mm	120mm	120mm
Cross Slide Travel	250mm	260mm	250mm	260mm
Top Slide Travel	155mm	155mm	155mm	155mm
Bed				
Width	305mm	305mm	305mm	305mm
Max. Weight of Work Piece in Chuck	40kg	40kg	40kg	40kg
Max. Weight of Work Piece between centres	150kg	150kg	150kg	150kg
Headstock				
Spindle Nose	D1-6	D1-6	D1-6	D1-6
Spindle Bore	65mm	65mm	65mm	65mm
Spindle Taper	MT4	MT4	MT4	MT4
Number of Spindle Speeds	12 steps	12 steps	12 steps	12 steps
Range of Spindle Speeds	36-1800rpm	36-1800rpm	36-1800rpm	36-1800rpm
Tool Section	25 x 25mm	25 x 25mm	25 x 25mm	25 x 25mm
Tailstock				
Quill Diameter	59mm	59mm	59mm	59mm
Quill Travel	127mm	127mm	127mm	127mm
Quill Internal Taper	MT4	MT4	MT4	MT4
Feed Ranges and Gearbox				
Longitudinal Feeds	0.04-1.0mm	0.04-1.0mm	0.04-1.0mm	0.04-1.0mm
Cross Feeds	0.02-0.5mm	0.02-0.5mm	0.02-0.5mm	0.02-0.5mm
Metric Threads	0.2-14mm (39 steps)	0.2-14mm (39 steps)	0.2-14mm (39 steps)	0.2-14mm (39 steps)
Imperial Threads	2-72tpi (45 steps)	2-72tpi (45 steps)	2-72tpi (45 steps)	2-72tpi (45 steps)
Module Threads	0.3-3.5mp (18 steps)	0.3-3.5mp (18 steps)	0.3-3.5mp (18 steps)	0.3-3.5mp (18 steps)
Diametrical Threads	8-44dp (21 steps)	8-44dp (21 steps)	8-44dp (21 steps)	8-44dp (21 steps)
Leadscrew Pitch	6mm	6mm	6mm	6mm
Motors				
Main Motor	3.75kW (5hp)	3.75kW (5hp)	3.75kW (5hp)	3.75kW (5hp)
Coolant Pump Motor	0.09kW (0.13hp)	0.09kW (0.13hp)	0.09kW (0.13hp)	0.09kW (0.13hp)
Available Power Supply	3 Phase	3 Phase	3 Phase	3 Phase
Weight and Dimensions				
Machine Dimensions	2400 x 1120 x 1900mm	2900 x 1120 x 1900mm	2900 x 1120 x 1900mm	2900 x 1120 x 1900mm
Net Weight	1600kg	1750kg	1650kg	1800kg

Standard Accessories:

- 3 Jaw Chuck 7"
- 4 Jaw Chuck 8"
- Digital Read Out
- LED Machine Lamp
- One Piece Cast Iron Base
- Chuck Guard
- Fixed Toolpost Guard
- Leadscrew Guard
- Fixed Steady
- Traveling Steady
- Full Length Rear Splash Guard
- Coolant System
- Foot Brake
- Four Way Tool Post
- Thread Chasing Dial
- Reducing Sleeve
- Steel Centre
- Tool Box
- Operation Manual

Optional Accessories:

- Soft Jaws
- Quick Change Tool Post with Tool Holders
- Taper Turning Attachment
- Toolpost Grinding Attachment
- Live Centre
- Indexable Lathe Tools
- Face Plate
- Drill Chuck and Arbor
- Machine Mounts
- Single Position Micrometer Bed Stop
- 5C Collet Chuck and Collets
- Electro Magnetic 3hp Motor Brake
- Sliding Tool Post Guard
- Deluxe Type Rear Splash Guard with Built-In Work Lamp

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.