

**NEW****Gate****Large Capacity, Heavy Duty Gap Bed Centre Lathes***Premium lathes affordably priced*

The new range of Gate Large Capacity, Heavy Duty Centre Lathes are suitable for heavy cutting operations like moulds, gears, wheels, shafts, central spindles etc. They offer high rigidity and stability with simple controls for easy operation. All Gate machines are supplied with a 2 year warranty as standard.

G-760HD**Standard Equipment**

- Auto lube for X & Z Axes
- Inch/metric gearbox
- Coolant equipment
- Longitudinal adjustable feed stops
- 2 step tailstock
- 10" 3 jaw scroll chuck & back plate
- Fixed steady 11.5"
- Longitudinal and cross rapid feeds (2200, 3200 & 4200mm centres machines only)
- Centre sleeve and 2 dead centres
- Levelling pads and bolts
- Toolbox and tools
- Manual, EC declaration certificate and CE mark

Optional Equipment

- Travelling steady
- 4 Jaw independent chuck 20" & 25"
- Face Plate with 4 jaws 24", 26", 28" & 30"
- Longitudinal and cross rapid feeds for 1200 & 1700mm machines
- Halogen Light
- Fagor 20i Digital Readout
- Rear Splash Guard
- Quick change tool post with 6 holders
- Taper turning attachment
- Tool post grinder
- Hydraulic copying attachment



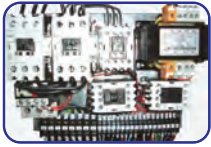
G-760HD x 2200mm pictured with optional 3-jaw chuck and Digital Readout

TURNING**MODEL****G-760HD****G-840HD**

Swing over bed	760mm	840mm
Swing over cross side	510mm	590mm
Swing over gap	1030mm	1110mm
Centre distance	1200 / 1700 / 2200 / 3200 / 4200mm	
Width of bed	420mm	
Width of gap (spindle end face)	305mm	
Length of bed	2600 / 3100 / 3600 / 4600 / 5600mm	
Spindle bore	ø80mm (ø105mm option)	
Number of spindle speeds	12 steps	
Range of spindle speeds	23-1300rpm	
Spindle nose	A1-8 OP A2-8 FOR	
Spindle bore	105mm OP. 01-8.02-8 OP.A2-11 only for spindle bore 105mm	
Width of carriage	570mm	
Cross slide travel	410mm	
Compound rest travel	150mm G-720HD – G-840HD 240mm	
Max size cutting size	25 x 25 mm	

Tel: +44 (0) 1923 211 000 ● Fax: +44 (0) 1923 211 002





High quality electrical cabinet uses the highest quality IEC approved components and is constructed to DIN standards.



SHIPPING SPECIFICATION

Gross Weight

G-760HD x 1200	3150Kg
G-760HD x 1700	3400Kg
G-760HD x 2200	3650Kg
G-760HD x 3200	4150Kg
G-760HD x 4200	4650Kg
G-760HD x 5000	5535Kg
G-840HD x 1200	3310Kg
G-840HD x 1700	3580Kg
G-840HD x 2200	3810Kg
G-840HD x 3200	4310Kg
G-840HD x 4200	4810Kg
G-840HD x 5000	5535Kg

Dimensions

G-760HD x 1200	2800 x 1150 x 1850mm
G-840HD x 1200	2800 x 1150 x 1890mm
G-760HD x 1700	3400 x 1150 x 1850mm
G-840HD x 1700	3400 x 1150 x 1890mm
G-760HD x 2200	3900 x 1150 x 1850mm
G-840HD x 2200	3900 x 1150 x 1890mm
G-760HD x 3200	4900 x 1150 x 1850mm
G-840HD x 3200	4900 x 1150 x 1890mm
G-760HD x 4200	5900 x 1150 x 1850mm
G-840HD x 4200	5900 x 1150 x 1890mm
G-760HD x 5000	6700 x 1150 x 1850mm
G-840HD x 5000	6700 x 1150 x 1890mm

TURNING

The new Gate 'HD' series offer machines with large capacities for big diameter & long work up to 8000mm long. Ideal for oil & gas, aerospace and marine applications.

MODEL	G-760HD	G-840HD
Diameter of barrel	Ø 80 (3.15")	
Travel of barrel	200 (7.87")	
Taper of barrel	MT 5	
Lead screw diameter & pitches	Dia. 45mm Pitch 12mm / Dia. 1.77" X 2 TPI	
Range of metric pitches	0.8 ~ 1.4mm / Rev (0.0044"-0.5512" In / Rev)	
Range of inch pitches	2-28 TPI (36 Nos.)	
Range of diametral pitches	4-56 DP (36 Nos.)	
Range of module pitches	0.5-7 MP (22 Nos)	
Feed rod diameter	32 (1.26")	
Range of longitudinal feeds	0.1 ~ 1.4 mm/rev (0.0044"-0.5512" In/rev	
Range of cross feeds	0.05 ~ 0.7 mm/rev (0.002"-0.0276" In/rev)	
Main spindle motor	10hp (7.5KW Op. 15HP (11.25KW)	
Coolant pump motor	1/8HP (0.1KW)	
Rapid Motor	1/4 HP (0.1875KW)	