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# High Precision Engine Lathe



**Dynamic 1440GL**

Photos shown with optional accessories.

# SPECIFICATIONS

Model		Dynamic 1440GL
General Capacity	Center Height	180mm (7")
	Swing Over Bed	360mm (14")
	Swing Over Gap (Gap Type Only)	520mm (20 3/4")
	Swing Over Cross Slide	225mm (8 3/4")
	Distance Between Centers	1000mm (39 3/8")
Main Spindle	Spindle Nose	D1-4
	Spindle Bore Diameter	40mm (1 9/16")
	Type of Spindle Nose	MT.#5
	Taper of Center	MT.#3
	Spindle Speeds	50~2000rpm (12 steps)
Carriage	Cross Slide Travel	180mm (7")
	Compound Rest Travel	96mm (3 3/4")
	Max. Size Cutting Tool	19.05×19.05mm (3/4"×3/4")
Tailstock	Quill Diameter	40mm (1 9/16")
	Quill Travel	100mm (3 2/5")
	Taper of Center	MT.#3
Bed	Bed Length	1648mm (65")
	Bed Width	230mm (9")
	Width of Gap	195mm (7 5/8")
Threading Feeding	System	Metric/Inch
	Pitch of Leadscrew	Φ24 & 4TPI
	Metric Pitch Threads	0.4~7mm/pitch (30 kinds)
	Inch Pitch Threads	4~56TPI (32 kinds)
	Range of Longitudinal Feeds	0.0026"~0.0368"/rev. 0.066mm~0.935mm/rev.
Power	Range of Cross Feeds	0.0008"~0.015"/rev.
	Main Drive Motor	5HP
	Coolant Pump Motor	1/8HP
Floor Dimension Min.		173×73cm (68.11"×28.74")
Net Weight		720 kgs (1584 lbs)
Gross Weight		820 kgs (1804 lbs)
Packing Dimension		193×81.3×160cm 76"×32"×62"

Note: The manufacturer reserves the right to modify the design, specification, mechanisms, etc., to improve the performances of the machine without notice. All the specifications shown here are for reference only.

## Standard Accessories:

1. Change Gear
2. Tool Box w/Tools
3. Dead Centers
4. Four Way Tool Post
5. Spindle Sleeve
6. Coolant System
7. Foot Brake
8. Leveling Pads
9. Halogen Light
10. Leveling Screws

## Optional Accessories:

1. Three-Jaw Scroll Chuck
2. Four-Jaw Independent Chuck
3. Taper Turning Attachment
4. Steady Rest
5. Follow Rest
6. Rear Splash Guard
7. Face Plate 10"
8. Quick Change Tool Post
9. Digital Read-Out System
10. Micro-Carriage Stop
11. Four Position Carriage Stop
12. Chuck Cover w/Power Disconnect
13. 5C Collet Closer
14. 5C Collets
15. CSA Electric Standard (Must install in factory)
16. CE Electric Standard (Must install in factory)
17. UL Electric Standard (Must install in factory)



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