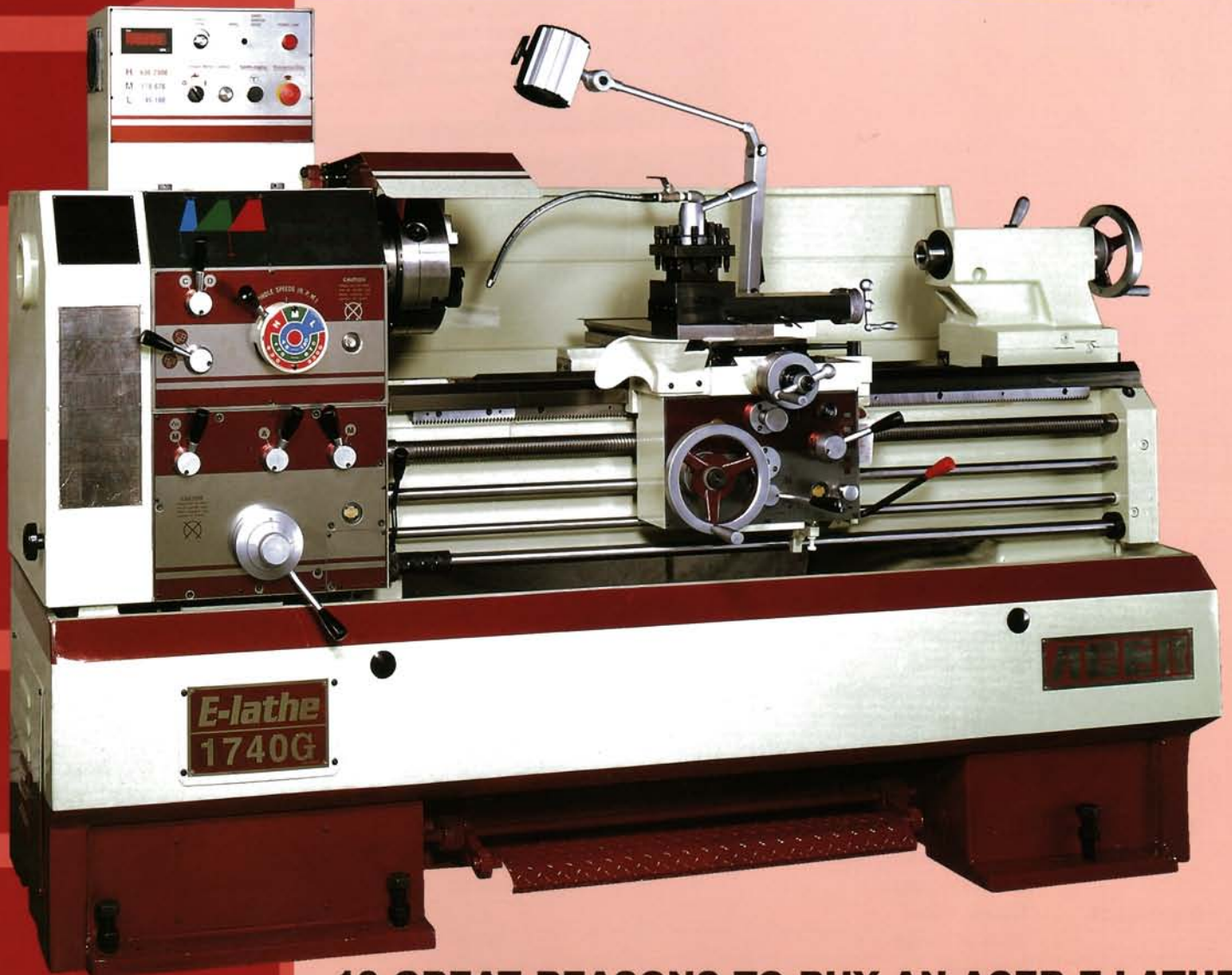


# E-LATHE

AN E-Z SPEED LATHE



## 10 GREAT REASONS TO BUY AN ACER E-LATHE

- Infinite 36-2200 RPM (2 ranges) on 14" series and infinite 42-2000 RPM (3 ranges) on 17" series Constant Spindle Speed. Easy change in no time (0-4 sec.)
- High Efficient 3HP (14" series) / 7.5HP (17" series) "LEESON" or "BALDOR" spindle motor for high torque output.
- 5HP (14" series) / 10HP (17" series) CNC vector type AC frequency drive results in no torque loss.
- Accepts both single phase and 3 phase power.
- Low maintenance costs and no down time due to fewer gears in headstock.
- Constant surface speed (optional DRO upgrade).
- Electronic and mechanical brake for fast spin stops.
- No RPM gear changer break down and accurate readings on RPM to prolong tool life.
- Save energy costs up to 35%.
- Spindle speeds can be adjusted to optimal conditions during cutting.

**ACER** Group

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# ACER

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## E-Lathe

*An Easy Speed Lathe*



### SPECIFICATIONS

ITEMS		MODEL	1440V	1740G/1760G/1780G
<b>General Capacity</b>	Center Height		7"	8-3/4"
	Swing over bed		14"	17"
	Swing over gap (Gap type only)		20-3/4"	26"
	Swing over cross slide		8-5/8"	9-5/8"
	Distance between center		40"	40"/60"/80"
<b>Main Spindle</b>	Spindle nose		D1-4	D1-6
	Spindle bore diameter		1-1/2"	2-1/4"
	Type of spindle nose		MT 5	MT 6
	Taper of center		MT 3	MT 4
	Spindle speeds (infinite)		36 ~ 2,200 RPM	42 ~ 2,000 RPM
<b>Carriage</b>	Cross slide travel		8"	8-5/8"
	Compound rest travel		3-1/2"	7"
	Max. size cutting tool		3/4" x 3/4"	1" x 1"
<b>Tailstock</b>	Spindle diameter		1-7/16"	2-1/4"
	Spindle travel		4"	6"
	Taper of center		MT 3	MT 4
<b>Bed</b>	Bed length		54"	73"/93"/113"
	Bed width		9"	12"
<b>Threading &amp; Feeding</b>	Width of gap		8"	8-3/4"
	System		Inch	Inch/Metric
	Pitch of leadscrew		24ø, 4TPI	35ø, 4TPI
	Metric pitch threads		0.4 ~ 7 mm/pitch (32 kinds)	0.5 ~ 7 mm/pitch (22 kinds)
	Inch pitch threads		4 ~ 56 TPI (32 kinds)	4 ~ 56 TPI (36 kinds)
	Module pitch threads		-	0.5 ~ 3.5 MP (12 kinds)
	Diametral pitch threads		-	8 ~ 56 DP (21 kinds)
	Range of longitudinal feeds		0.0026" ~ 0.0368"/rev	0.002" ~ 0.028"/rev.
	Range of cross feeds		0.0008" ~ 0.0122"/rev	0.001"~0.014"/rev./0.05"~0.7" mm/rev.
<b>Power</b>	Main drive motor		3 HP	7.5 HP
	Inverter		5 HP	10 HP
	Coolant pump motor		1/8 HP	1/8 HP
<b>Packing Dimensions</b>			77" x 33" x 63"	88"/107"/131" x 41" x 67"
<b>Floor Dimensions</b>			70" x 32"	85" x 40"/105" x 40"/124" x 40"
<b>Net Weight</b>			1,580 lbs.	3500/3950/4400 lbs.
<b>Gross Weight</b>			1,800 lbs.	3750/4260/4750 lbs.

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