

ITEM	MODEL	MODEL	MODEL	MODEL		
	1340G	1440E	1440G	E-Iathe™ 1440V		
General Capacity	Center height	6-1/4"	6-3/4"	6-3/4"	7"	
	Swing over bed	13"	14"	14"	14"	
	Swing over gap (Gap type only)	19-1/4"	20-3/4"	21"	20-3/4"	
	Swing over cross slide	7-5/8"	8-3/4"	9"	8-3/4"	
	Distance between centers	40"	40"	40"	40"	
Main Spindle	Spindle nose	D1-4 or A1-5	D1-4 or A1-5	D1-4 or A1-5	D1-4	
	Spindle bore diameter	1-1/2"	1-1/2"	1-9/16"	1-1/2"	
	Type of spindle nose	MT.# 5	MT.# 5	MT.# 5	MT.# 5	
	Taper of center	MT.# 3	MT.# 3	MT.# 3	MT.# 3	
	Spindle speeds	80~2000 rpm (9 steps)	80~2200 rpm (9 steps)	65~2000 rpm (8 steps)	36~2000 rpm (infinite)	
Carriage	Cross slide travel	6-7/8"	8-5/8"	8-5/8"	8"	
	Compound rest travel	4"	3-3/4"	3-3/4"	3-1/2"	
	Max. size cutting tool	3/4" x 3/4"	3/4" x 3/4"	3/4" x 3/4"	3/4" x 3/4"	
Tailstock	Spindle diameter	1-7/16"	1-7/16"	1-1/2"	1-7/16"	
	Spindle travel	4-3/8"	4-3/8"	4-1/4"	4"	
	Taper of center	MT.# 3	MT.# 3	MT.# 3	MT.# 3	
Bed	Bed length	54"	54"	58"	54"	
	Bed width	7-1/2"	7-1/2"	10"	9"	
	Width of gap	7-5/8"	7-5/8"	10"	8"	
Threading & Feeding	System	Inch	Inch	Inch Metric	Inch	
	Pitch of leadscrew	24 Ø, 4 TPI	24 Ø, 4 TPI	25 Ø, 4 TPI	24 Ø, 4 TPI	
	Metric pitch threads	0.4~7mm/pitch (30 kinds)	0.4~7mm/pitch (30 kinds)	0.25~6mm/pitch (22 kinds)	0.4~7mm/pitch (32 kinds)	
	Inch pitch threads	3~56 TPI (32 kinds)	3~56 TPI (32 kinds)	3~56 TPI (32 kinds)	4~56 TPI (32 kinds)	
	Module pitch threads	-	-	0.25~3.0 M.P. (optional)	-	
	Diametral pitch threads	-	-	8~112 D.P. (optional)	-	
	Range of longitudinal feeds	0.0016"~0.03"/rev.	0.0016"~0.03"/rev.	0.002"~ 0.04"/rev.	0.05~ 1.0mm/rev.	0.0026"~0.0368"/rev.
	Range of cross feeds	0.0008"~0.015"/rev.	0.0008"~0.015"/rev.	0.001"~ 0.02"/rev.	0.025~ 0.5mm/rev.	0.0008"~0.0122"/rev.
Power	Main drive motor	3 HP	3 HP	3 HP	3 HP	
	Rapid traverse motor	-	-	-	-	
	Coolant pump motor	1/8 HP	1/8 HP	1/8 HP	1/8 HP	
Floor Dimension		67-3/4" x 28-3/8"	67-3/4" x 28-3/8"	75" x 30"	70" x 32"	
Net Weight		1320 lbs	1380 lbs	2244 lbs	1580 lbs	
Gross Weight		1540 lbs	1600 lbs	2794 lbs	1800 lbs	
Packing Dimension		75" x 30" x 58"	75" x 30" x 58"	78" x 30" x 60"	77" x 33" x 63"	

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ITEM		MODEL		MODEL		MODEL	
		1740G		1760G		1780G	
General Capacity	Center height	8-3/4"		8-3/4"		8-3/4"	
	Swing over bed	17"		17"		17"	
	Swing over gap (Gap type only)	26"		26"		26"	
	Swing over cross slide	9-5/8"		9-5/8"		9-5/8"	
	Distance between centers	40"		60"		80"	
Main Spindle	Spindle nose	D1-6 or A1-6		D1-6 or A1-6		D1-6 or A1-6	
	Spindle bore diameter	2-1/4"		2-1/4"		2-1/4"	
	Type of spindle nose	MT.# 6		MT.# 6		MT.# 6	
	Taper of center	MT.# 4		MT.# 4		MT.# 4	
	Spindle speeds	50~1800 rpm (12 steps)		50~1800 rpm (12 steps)		50~1800 rpm (12 steps)	
Carriage	Cross slide travel	8-5/8"		8-5/8"		8-5/8"	
	Compound rest travel	7"		7"		7"	
	Max. size cutting tool	1" x 1"		1" x 1"		1" x 1"	
Tailstock	Spindle diameter	2-1/4"		2-1/4"		2-1/4"	
	Spindle travel	6"		6"		6"	
	Taper of center	MT.# 4		MT.# 4		MT.# 4	
Bed	Bed length	73"		93"		113"	
	Bed width	12"		12"		12"	
	Width of gap	8-3/4"		8-3/4"		8-3/4"	
Threading & Feeding	System	Inch	Metric	Inch	Metric	Inch	Metric
	Pitch of leadscrew	35 Ø, 4 TPI		35 Ø, 4 TPI		35 Ø, 4 TPI	
	Metric pitch threads	0.5~7mm/pitch (22 kinds)		0.5~7mm/pitch (22 kinds)		0.5~7mm/pitch (22 kinds)	
	Inch pitch threads	4~56 TPI (36 kinds)		4~56 TPI (36 kinds)		4~56 TPI (36 kinds)	
	Module pitch threads	0.5~3.5 M.P. (12 kinds)		0.5~3.5 M.P. (12 kinds)		0.5~3.5 M.P. (12 kinds)	
	Diametral pitch threads	8~56 D.P. (21 kinds)		8~56 D.P. (21 kinds)		8~56 D.P. (21 kinds)	
	Range of longitudinal feeds	0.002"~ 0.028"/rev.	0.05~ 0.70mm/rev.	0.002"~ 0.028"/rev.	0.05~ 0.70mm/rev.	0.002"~ 0.028"/rev.	0.05~ 0.70mm/rev.
	Range of cross feeds	0.001"~ 0.014"/rev.	0.025~ 0.35mm/rev.	0.001"~ 0.014"/rev.	0.025~ 0.35mm/rev.	0.001"~ 0.014"/rev.	0.025~ 0.35mm/rev.
Power	Main drive motor	7-1/2 HP		7-1/2 HP		7-1/2 HP	
	Rapid traverse motor	-		-		-	
	Coolant pump motor	1/8 HP		1/8 HP		1/8 HP	
Floor Dimension		85" x 40"		105" x 40"		124" x 40"	
Net Weight		3500 lbs		3950 lbs		4400 lbs	
Gross Weight		3750 lbs		4250 lbs		4750 lbs	
Packing Dimension		88" x 41" x 67"		107" x 41" x 67"		131" x 41" x 67"	

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ITEM	MODEL	MODEL	MODEL	
	E-lathe™ 2140V	E-lathe™ 2160V	E-lathe™ 2180V	
<b>General Capacity</b>	Swing over bed	530 mm / 20.9"	530 mm / 20.9"	530 mm / 20.9"
	Swing over gap	750 mm / 29.5"	750 mm / 29.5"	750 mm / 29.5"
	Swing over cross slide	325 mm / 12.8"	325 mm / 12.8"	325 mm / 12.8"
	Distance between centers	1000 mm / 39.4"	1500 mm / 59.1"	2000 mm / 78.7"
	Width of bed	300 mm / 11.8"	300 mm / 11.8"	300 mm / 11.8"
<b>Headstock</b>	Spindle nose	D1 - 8	D1 - 8	D1 - 8
	Spindle bore	78 mm / 3.1"	78 mm / 3.1"	78 mm / 3.1"
	Spindle speeds	20 ~ 2000 R.P.M. (Infinite)	20 ~ 2000 R.P.M. (Infinite)	20 ~ 2000 R.P.M. (Infinite)
	Taper of spindle bore	MT 7	MT 7	MT 7
<b>Threading</b>	Inch threads range	4 ~ 56 T.P.I.	4 ~ 56 T.P.I.	4 ~ 56 T.P.I.
	Metric threads range	P 0.5 ~ P 7	P 0.5 ~ P 7	P 0.5 ~ P 7
	Longitudinal feeds range	0.05 ~ 0.82 mm / 0.002" ~ 0.032"	0.05 ~ 0.82 mm / 0.002" ~ 0.032"	0.05 ~ 0.82 mm / 0.002" ~ 0.032"
	Cross feeds range	0.02 ~ 0.40 mm / 0.0008" ~ 0.016"	0.02 ~ 0.40 mm / 0.0008" ~ 0.016"	0.02 ~ 0.40 mm / 0.0008" ~ 0.016"
	Leadscrew diameter	35 mm / 1.4"	35 mm / 1.4"	35 mm / 1.4"
	Leadscrew pitch	4 T.P.I. or 6 mm / 0.24"	4 T.P.I. or 6 mm / 0.24"	4 T.P.I. or 6 mm / 0.24"
	Taper of tail center	MT 4	MT 4	MT 4
<b>Carriage</b>	Compound rest travel	125 mm / 4.9"	125 mm / 4.9"	125 mm / 4.9"
	Cross slide travel	250 mm / 9.8"	250 mm / 9.8"	250 mm / 9.8"
<b>Tailstock</b>	Tail spindle travel	150 mm / 5.9"	150 mm / 5.9"	150 mm / 5.9"
	Tail spindle diameter	68 mm / 2.7"	68 mm / 2.7"	68 mm / 2.7"
<b>Power</b>	Main drive motor	7.5 HP (5.625 KW)	7.5 HP (5.625 KW)	7.5 HP (5.625 KW)
	Coolant pump	1/8 HP (0.1 KW)	1/8 HP (0.1 KW)	1/8 HP (0.1 KW)
<b>Machine Dimensions</b>		216 x 81 x 131 cm / 85" x 32" x 52"	267 x 81 x 131 cm / 101" x 32" x 52"	320 x 81 x 131 cm / 126" x 32" x 52"
<b>Packing Dimensions</b>		228 x 95 x 162 cm / 90" x 37" x 64"	279 x 95 x 162 cm / 110" x 32" x 64"	337 x 95 x 162 cm / 133" x 37" x 64"
<b>Net Weight</b>		1810 kgs / 3990 lbs	2135 kgs / 4707 lbs	2440 kg / 5379 lbs
<b>Gross Weight</b>		1910 kgs / 4211 lbs	2285 kgs / 5038 lbs	2590 kg / 5710 lbs

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