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High Precision Engine Lathe Dynamic or E-lathe 17" and 19" Series



Dynamic 1760S



E-lathe 1960V

Standard Accessories:

- | | |
|---------------------|--------------------------|
| 1. Gap Bed | 7. Leveling Bolts & Pads |
| 2. Built-in Coolant | 8. 4-Jaw Adaptor Plate |
| 3. Steady Rest | 9. Operational Manual |
| 4. Touch-up Paint | 10. Four Way Tool Post |
| 5. Dead Centers | 11. Halogen Light |
| 6. Center Sleeve | 12. Tool Box W/tools |

Optional Accessories:

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|-----------------------------|------------------|------------------------------------|
| 1. 3 Jaw Scroll Chuck | 7. Steady Rest | 13. Taper Turning Attachment |
| 2. 4 Jaw Independent Chuck | 8. Follow Rest | 14. Chuck Guard W/Safety Switch |
| 3. 3 Jaw Adaptor Plate | 9. LED Light | 15. Change Gear for DP & MP Thread |
| 4. 4 Position Carriage Stop | 10. Live Center | 16. Quick Change Tool Post |
| 5. Micro Carriage Stop | 11. Splash Guard | 17. Digital Readout |
| 6. 5C Collet Closer | 12. Drive Plate | 18. Chip Guard |

Item	Model	Dynamic / E-lathe									
		1722S	1730S	1740S	1760S	1790S	1922S	1930S	1940S	1960S	1990S
		1722V	1730V	1740V	1760V	1790V	1922V	1930V	1940V	1960V	1990V
General Capacity	Center Height	8-1/2" (215 mm)				9-1/4" (235 mm)					
	Swing Over Bed	17" (430 mm)				18-1/2" (470 mm) / Opt. (18-9/10" (480 mm))					
	Swing Over Gap (Gap Type Only)	25-1/2" (650 mm)				27-1/8" (690 mm)					
	Swing Over Cross Slide	9-1/2" (240 mm)				11" (280 mm)					
	Distance Between Centers	22"/29.92"/39.37"/59"/86.61" (560/760/1000/1500/2200 mm)									
Main Spindle	Spindle Nose	D1-8									
	Spindle Bore Diameter	3-1/7" (80 mm)									
	Type of Spindle Nose	MT. #7									
	Taper of Center	MT. #4									
	Spindle Speeds	40~2000 RPM, 12 steps / 20~2000 RPM, 2-Range Infinite variable for V series									
Carriage	Cross Slide Travel	9-8/9" (250 mm)									
	Compound Rest Travel	4-7/8" (125 mm)									
	Max. Size Cutting Tool	1" x 1" (25 x 25 mm)									
Tailstock	Spindle Diameter	2-1/4" (58 mm)				2-2/3" (68 mm)					
	Spindle Travel	5-9/10" (150 mm)									
	Taper of Center	MT. #4									
Bed	Bed Length	58"/65"/75"/96"/125" (1490/1670/1920/2445/3195 mm)									
	Bed Width	11-4/5" (300 mm)									
	Width of Gap	9-9/10" (252mm) for 22, 30, 40 Model; 11-9/10" (303mm) for 60 & 90 Model									
Threading & Feeding	System	Inch / Metric									
	Pitch of Leadscrew	35 Ø, 4 TPI									
	Metric Pitch Threads	0.5~7.0 mm/pitch (17 kinds)									
	Inch Pitch Threads	4~56 TPI (36 kinds)									
	Module Pitch Threads	0.5~7.0 M.P. (17 kinds) Opt.									
	Diametral Pitch Threads	4~56 D.P. (36 kinds) Opt.									
	Range of Longitudinal Feeds	0.002"~0.032"/rev. (0.05~0.80 mm/rev.)									
	Range of Cross Feeds	0.001"~0.014"/rev. (0.02~0.36 mm/rev.)									
Power	Main Drive Motor	7.5 HP (5.625 KW)				7.5 HP (5.625KW) / 10 HP (7.5 KW) Option					
	Rapid Traverse Motor	Option									
	Coolant Pump Motor	1/8 HP (0.1 KW)									
Floor Dimension	65"/74.4"/84.6"/104"/134.6" x 32" 165/189/215/265/342 x 81 cm										
Net Weight (lbs.)	2860/3036/3190/3520/4400 lbs. 1300/1380/1450/1600/2000 kgs				2970/3146/3300/3630/4510 lbs. 1350/1430/1500/1650/2050 kgs						
Gross Weight (lbs.)	3080/3256/3454/3806/4774 lbs. 1400/1480/1570/1730/2170 kgs				3190/3366/3564/3916/4884 lbs. 1450/1530/1620/1780/2220 kgs						
Packing Dimension (L x W x H)	71.6"/78.8"/89.8"/109.9"/139.8" x 37.4" x 66.2" 182/200/228/279/355 x 95 x 168 cm										

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

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