

Built with great features for machinists who demand the most from their lathes.

Made in Taiwan

PRECISION

- Hardened and ground bed ways
- Hardened and ground gears in headstock
- D1-4 camlock spindle with 1 9/16" spindle bore
- Spindle speed up to 2,000 RPM
- Precision taper roller bearings in headstock

CONVENIENCE

- Removable gap
- Quick action foot brake
- Pull out chip tray
- Oil bath headstock, gearbox and apron lubrication

SAFETY

- Feed rod equipped with overload safety clutch
- Interlock mechanism prevents simultaneous feed load & lead screw engagement.



Specifications				
Model		1440E	1440E with 2-speed motor	1440E with single-phase motor
Capacity	Swing over Bed	14"	14"	14"
	Swing over Cross Slide	8 3/4"	8 3/4"	8 3/4"
	Swing in Gap	20 3/4"	20 3/4"	20 3/4"
	Distance between Center	40"	40"	40"
	Width of Bed	7 9/16"	7 9/16"	7 9/16"
Headstock	Spindle Nose	D1-4	D1-4	D1-4
	Spindle Bore	1 9/16"	1 9/16"	1 9/16"
	Taper of Spindle	M.T.#5	M.T.#5	M.T.#5
	Spindle Speeds	(9-speed) 82 ~ 2000 RPM	(18-speed using 2-speed motor) 40 ~ 2000 RPM	(9-speed) 82 ~ 2000 RPM
Threads & Feeds	Leadscrew Diameter	15/16"	15/16"	15/16"
	Leadscrew Pitch	4 TPI	4 TPI	4 TPI
	Inch Threads	3 ~ 56 T.P.I (32 kinds)	3 ~ 56 T.P.I (32 kinds)	3 ~ 56 T.P.I (32 kinds)
	Metric Threads	0.4 ~ 7.2 (30 kinds)	0.4 ~ 7.2 (30 kinds)	0.4 ~ 7.2 (30 kinds)
	Longitudinal Feed Range	0.0016"~0.03" /rev	(2-speed motor) 0.0026"~0.0368" /rev	0.0016"~0.03" /rev
	Cross Feed Range	0.0008"~0.015" /rev	(2-speed motor) 0.0013"~0.0184" /rev	0.0008"~0.015" /rev
Carriage	Cross Slide Travel	6 7/8"	6 7/8"	6 7/8"
	Compound Slide Travel	4"	4"	4"
Tailstock	Quill Taper	M.T. #3	M.T. #3	M.T. #3
	Quill Diameter	1 9/16"	1 9/16"	1 9/16"
	Quill Travel	4.65"	4.65"	4.65"
Motor	Main Motor	3 HP 3ph 220V/440V	3 HP 3ph 220V/440V, 2-speed	2 HP 1ph 220V
	Coolant Pump	1/8 HP 3ph	1/8 HP 3ph	1/8 HP 1ph
Misc.	Net/Gross Weight	1364 lbs /1584 lbs	1364 lbs /1584 lbs	1364 lbs /1584 lbs
	Dimensions (LxWxH)	73"x30"x58"	73"x30"x58"	73"x30"x58"

STANDARD ACCESSORIES

- | | | |
|-----------------------------|-------------------------|------------------------|
| 1. Reducing sleeve | 3. Coolant System | 5. Parts list & manual |
| 2. Center sleeve (M.T. # 3) | 4. Toolbox with toolkit | |

OPTIONAL ACCESSORIES

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|----------------------------------|------------------------------|------------------------------|
| 1. 3-jaw universal chuck (6, 8") | 8. Quick-change tool post | 15. 4-way tool post |
| 2. 4-jaw independent chuck (10") | 9. Live center (M.T. # 4) | 16. Digital read out (DRO) |
| 3. Drive plate | 10. Taper turning attachment | 17. Full length splash guard |
| 4. Face plate (12") | 11. Halogen work light | 18. Change to 2-speed motor |
| 5. Steady rest | 12. Micro carriage stop | 19. Change to single-phase |
| 6. Follow rest | 13. Drill chuck and arbor | |
| 7. Rear tool post | 14. 5C collet closer | |

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