

VICTOR[®] 1600S SERIES

PRECISION HEAVY-DUTY LATHE

FEATURES

- One piece heavy duty floor stand with special exit for chip removal
- Extra large rigid compound rest with 4-way tool post for heavy cutting
- Hardened and precision ground gears and bedway
- Headstock transmission gears driven by spline shafts
- Range of spindle speeds 30~2,000 rpm and 3-point bearing supports the spindle driven by a single speed motor, delivering full power at all 12 speeds
- 3-point bearing supported spindle with 2-1/32" bore
- Automatic filtered pressure lubrication system
- Fully hard MEEHANITE casting bed
- Overload safety device
- Inch and Metric threads cut directly



SPECIFICATIONS		1640S	1660S
CAPACITY	Max. swing over bed	16-1/8" (410 mm)	
	Max. swing over cross-slide	9-7/16" (240 mm)	
	Max. swing in gap	23-7/16" (595 mm)	
	Width of bed	11-3/4" (298 mm)	
	Max. distance between centers	40" (1,000 mm)	60" (1,500 mm)
HEADSTOCK	Spindle bore diameter	2-1/32" (52 mm)	
	Spindle bore taper	M.T. No. 6	
	Taper of center in sleeve	M.T. No. 4	
	Spindle nose	D1-6 Camlock	
	Number of spindle speeds	12 steps	
	Range of spindle speeds	30 ~ 2,000 rpm	
THREADS AND FEEDS	Number of cross & longitudinal feeds	40	
	Range of longitudinal feeds	0.0012"~0.0352"/rev. (0.030~0.894 mm/rev.)	
	Range of cross feeds	0.0006"~0.0176"/rev. (0.015~0.447 mm/rev.)	
	Inch threads	2-56 TPI x 40 Kinds	
	Metric threads	0.4-14 mm x 52 Kinds	
	Diametral threads	4-32 D.P. x 32 Kinds	
	Module threads	0.4-7 M.P. x 44 Kinds	
TAILSTOCK	Tailstock spindle diameter	2-1/8" (54 mm)	
	Max. tailstock spindle travel	4-3/4" (120 mm)	
	Tailstock spindle bore taper	M.T. No. 4	
POWER	Main Motor	7-1/2 HP 3 PH	
	Coolant Pump	1/8 HP 3PH	
MACHINE DIMENSIONS	Gross machine weight (approx.)	4,290 lb. (1,950 kg)	4,950 lb. (2,250 kg)
	Packing measurement (approx.)	89" x 38" x 65" (2,260 x 970 x 1,650 mm)	110" x 38" x 65" (2,800 x 970 x 1,650 mm)

• Specifications are subject to change without notice for further design improvements. •

STANDARD MACHINE ACCESSORIES

1. Center sleeve	1 Pc.	7. Thread dial indicator	1set	13. Level change inch/metric gear box	1 Pc.
2. Tool post wrench	1 Pc.	8. M.T. No. 4 dead center	2 Pcs.	14. Inch/metric dual dials	1 set
3. Hex wrenches	1 set	9. Chuck cover with limit switch	1 Pc.	15. Safety pin	2 Pcs.
4. Gun oiler	1 Pc.	10. (-)and (+) screw drivers	1 each	16. Safety fuses	3 Pcs.
5. DP/MP change gear	1 Pc.	11. Operation manual	1 copy	17. Tool box & tool kits	1 set
6. Leveling screws and pads	6 ea.	12. Coolant system	1 set	18. Repair paint	1 can

OPTIONAL MACHINE ACCESSORIES

1. 4-way tool post	7. Steady rest	13. Micro carriage stop
2. Quick change tool post	8. Follow rest	14. 4-position carriage stop
3. 3-jaw scroll chuck	9. Face plate	15. Halogen work light
4. Adjustable 6-jaw scroll chuck	10. Live center	16. 5C lever type collet closer
5. 4-jaw independent chuck	11. Drill chuck and arbor	17. 5C collet set
6. DRO (digital readout)	12. Taper tuning attachment	18. Full length splash guard



MACHINERY SOLUTIONS, INC.

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