



VICTOR 1600B SERIES

PRECISION HIGH SPEED LATHE

Features

- Hardened and precision ground bedways
- Hardened and precision ground gears in headstock
- Rigid one-piece cast iron base
- Spindle is supported at 3 points by precision bearings
- 2-1/32" spindle bore with D1-6 Camlock spindle nose
- One shot lube system for apron and slideways
- 16 steps 33 ~ 2,000 rpm range of spindle speeds
- Inch/metric dual dial
- Full length foot brake
- Powerful 7.5 HP main spindle motor



Machine may be shown with optional accessories.

SPECIFICATIONS		1630B	1640B	1660B
CAPACITY	Max. swing over bed	16-1/8" (410 mm)		
	Max. swing over cross-slide	10-1/4" (260 mm)		
	Max. swing in gap	23" (580 mm)		
	Width of gap	11-3/8" (290 mm)		
	Width of bed	11" (275 mm)		
	Max. distance between centers	30" (760 mm)	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		
	Number of spindle speeds	16 steps		
	Range of spindle speeds	33 ~ 2,000 rpm		
THREADS AND FEEDS	Number of cross and longitudinal feeds	36		
	Range of longitudinal feeds	0.0033" ~ 0.0455"/rev. (0.0838 ~ 1.1557 mm/rev.)		
	Range of cross feeds	0.0028" ~ 0.0387"/rev. (0.0711 ~ 0.9830 mm/rev.)		
	Whitworth threads per inch	4 ~ 56 TPI x 36 Kinds		
	Metric Thread	0.5 ~ 7 mm x 22 Kinds		
CARRIAGE	Cross slide travel	8-5/8" (220 mm)		
	Compound slide travel	4-1/2" (115 mm)		
TAILSTOCK	Tailstock spindle diameter	2" (52 mm)		
	Max. tailstock spindle travel	4-11/16" (120 mm)		
	Tailstock spindle bore taper	M.T. No. 4		
POWER	Main Motor	7-1/2 HP 3 PH		
	Coolant Pump	1/8 HP 3 PH		
MACHINE DIMENSIONS	Gross machine weight (approx.)	3,300 lb. (1,500 kg)	3,600 lb. (1,650 kg)	4,110 lb. (1,850 kg)
	Packing measurement (approx.)	79" x 37" x 62" (2,000 x 940 x 1,570 mm)	86" x 37" x 62" (2,180 x 940 x 1,570 mm)	106" x 37" x 62" (2,690 x 940 x 1,570 mm)

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

STANDARD MACHINE ACCESSORIES

1. Center sleeve	1 Pc.	6. Leveling screws and pads	6 each	11. Operation manual	1 copy
2. Tool post wrench	1 Pc.	7. Thread dial indicator	1set	12. Coolant system	1 set
3. Hex wrenches	1 Pc.	8. M.T. No. 4 dead center	2 Pcs.	13. Level change inch/metric gear box	1 Pc.
4. Oil gun	1 Pc.	9. 7-1/2 HP motor (voltage optional)	1 Pc.	14. Inch/metric dual dials	1 set
5. Change gear	1 Pc.	10. (-)and (+) screw drivers	1 each	15. Halogen work light	1 set

OPTIONAL MACHINE ACCESSORIES

1. Four-way tool post	8. Driving plate	15. Taper turning attachment
2. Quick change tool post	9. Face plate	16. Drill chuck and 4MT arbor
3. American tool post	10. Steady rest with brass tips	17. Live center 4MT
4. 3-jaw scroll chuck	11. Steady rest with roller bearings support	18. 5C lever type collet closer
5. 4-jaw independent chuck	12. Follow rest	19. 5C collet set
6. Chuck cover	13. Micro carriage stop	20. Digital readout (DRO)
7. Full length splash guard	14. 4-position carriage stop	



MACHINERY SOLUTIONS, INC.

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