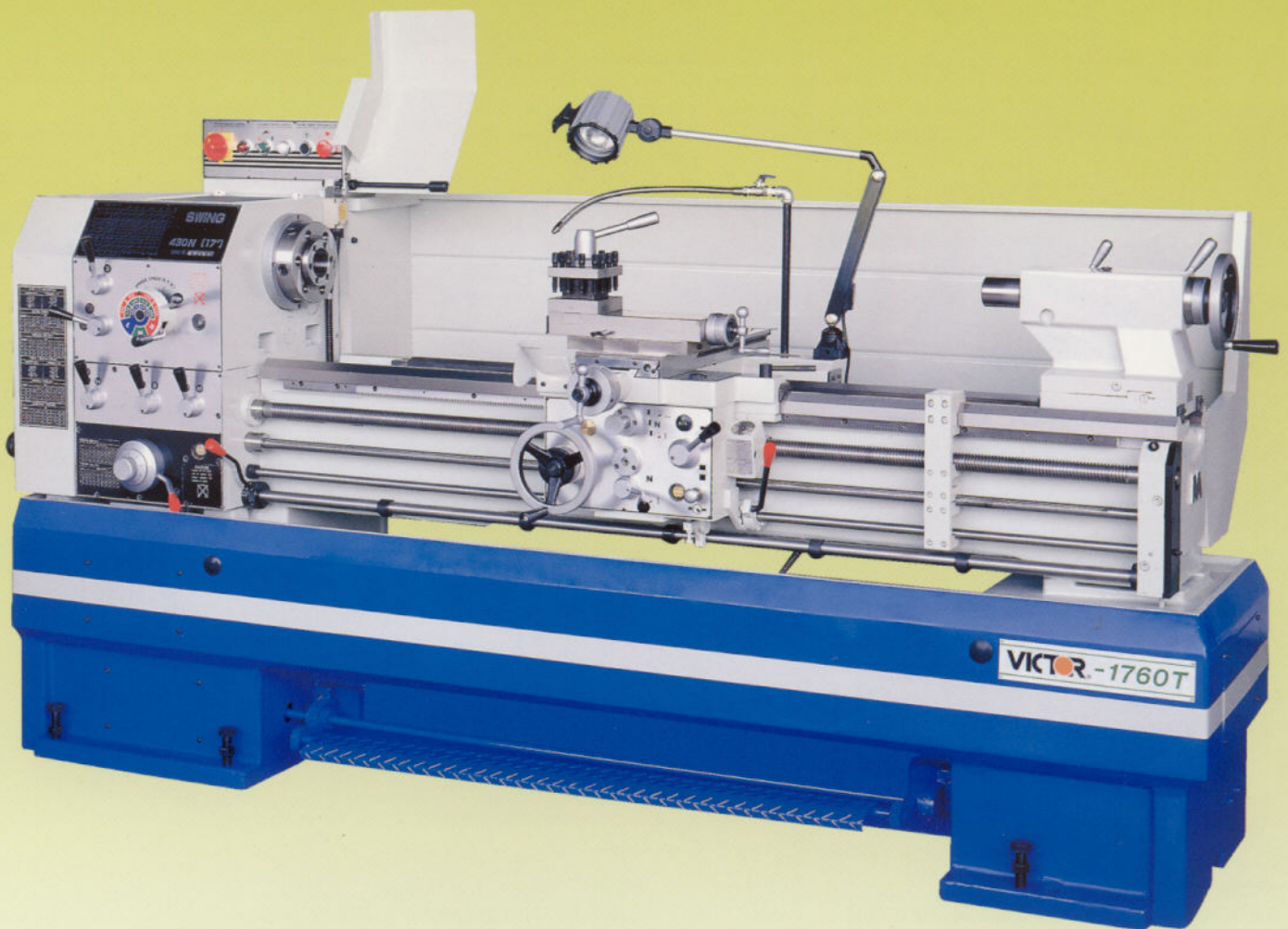


VICTOR[®] 1700T SERIES PRECISION HIGH-SPEED LATHE

FEATURES

- Hardened and ground chromium molybdenum steel gears in headstock
- Hardened and ground bedway at Rockwell 55 degree
- 3 precision bearings supported spindle driven by single speed motor delivers full power at all 12 speeds
- Dual gear box for easy switch of inch and metric threads
- Mechanical overload device in carriage
- Rigid one piece Meehanite casting base
- Low voltage controls for extra safety operation



Some accessories shown on this pictures may be optional

SPECIFICATIONS		1740T	1760T	1780T
GENERAL CAPACITY	Center height	8-1/2" (216 mm)		
	Swing over bed	17" (435 mm)		
	Swing over gap	26" (660 mm)		
	Swing over cross-slide	9-5/8" (245 mm)		
	Distance between centers	40" (1,000 mm)	60" (1,500 mm)	80" (2,000 mm)
MAIN SPINDLE	Spindle nose	D1-6 Camlock		
	Spindle bore diameter	2-5/16" (58 mm)		
	Taper of spindle bore	M. T. No. 6		
	Taper of center	M. T. No. 4		
	Spindle speeds	50 ~ 1,800 rpm (12 steps)		
CARRIAGE	Cross slide travel	8-5/8" (220 mm)		
	Compound rest travel	7" (180 mm)		
	Max. size cutting tool	1" x 1" (25 x 25 mm)		
TAILSTOCK	Spindle diameter	2-1/4" (58 mm)		
	Spindle travel	6" (150 mm)		
	Taper of center	M.T. No. 4		
BED	Length of bed	73" (1,860 mm)	93" (2,380 mm)	113" (2,870 mm)
	Width of bed	11-3/4" (298 mm)		
	Width of gap	10-7/32" (260 mm)		
THREADING & FEEDING	Pitch of leadscrew	1-3/8" (Ø 35 mm) 4 TPI or 6 mm/pitch		
	Metric pitch cutting	0.5 ~ 7 mm x 22 kinds		
	Whitworth threads cutting	4 ~ 56 TPI x 36 kinds		
	Module pitch cutting	0.5 ~ 3.5 M.P. x 22 kinds		
	Diametral pitch cutting	8 ~ 56 D.P. x 21 kinds		
	Range of longitudinal feeds	0.002" ~ 0.028"/rev. (0.05 ~ 0.7mm/rev.)		
	Range of cross feeds	0.001" ~ 0.014"/rev. (0.025 ~ 0.35 mm/rev.)		
POWER	Main drive motor	7-1/2 HP 3 PH		
	Coolant Pump motor	1/8 HP 3 PH		
NET / GROSS WEIGHT		3,300 / 3,520 LB (1,500 / 1,600 kg)	3,740 / 4,070 lb. (1,700 / 1,850 kg)	4,400 / 4,750 lb. (2,000 / 2,160 kg)
PACKING MEASUREMENT APPROX. (L X W X H)		88" x 38" x 65" (2,240 x 970 x 1,650 mm)	108" x 38" x 65" (2,750 x 970 x 1,650 mm)	131" x 38" x 65" (3,330 x 970 x 1,650 mm)

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

STANDARD MACHINE ACCESSORIES

- | | | |
|---|----------------------------|------------------------|
| 1. Change gears for module & D.P. cutting | 3. Coolant system | 5. Repair paint |
| 2. Center sleeve (M.T. No. 4) | 4. Tool box with tool kits | 6. Parts list & manual |

OPTIONAL MACHINE ACCESSORIES

- | | | |
|----------------------------|-------------------------------|------------------------------|
| 1. 3-jaw scroll chuck | 6. Follow rest | 11. Taper turning attachment |
| 2. 4-jaw independent chuck | 7. Full length splash guard | 12. Halogen work light |
| 3. Drive plate | 8. 4-way tool post | 13. Micro carriage stop |
| 4. Face plate | 9. Quick change tool post | 14. 4-position carriage stop |
| 5. Steady rest w/ rollers | 10. Live center (M. T. No. 4) | 15. 5C collet closer |



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