

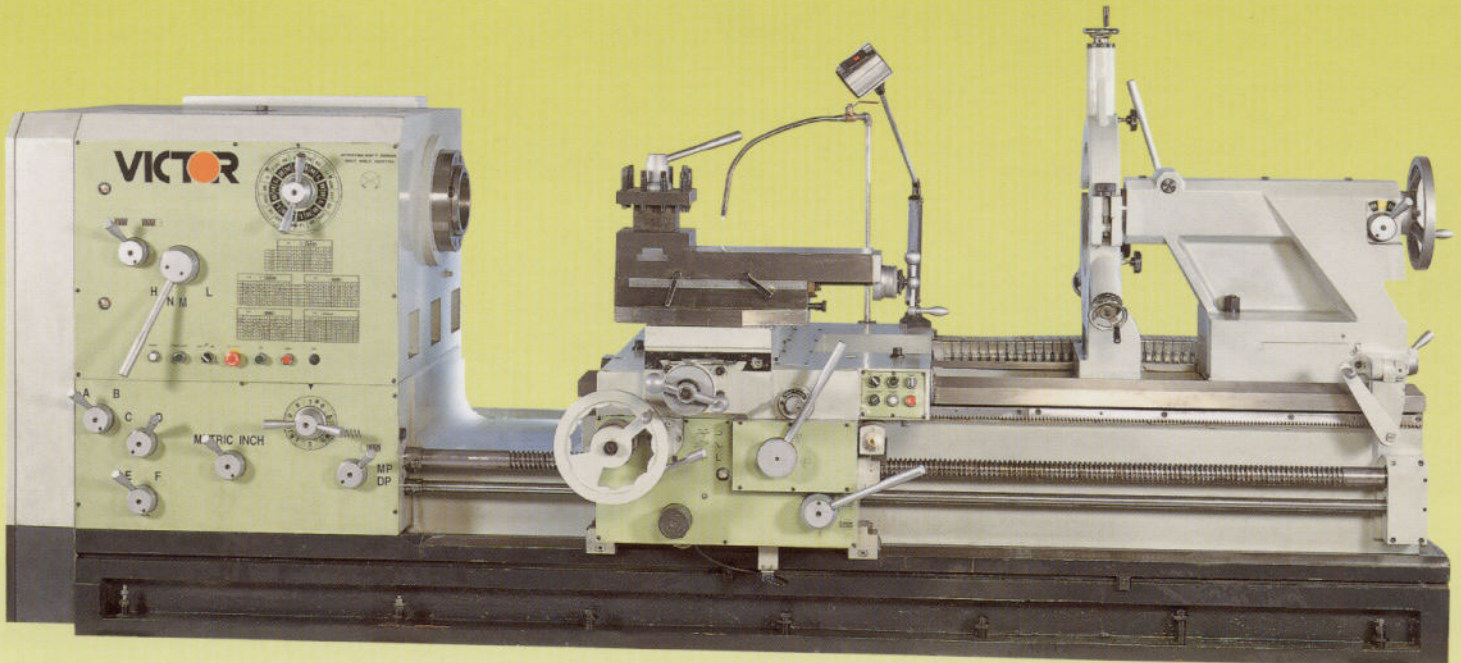
**VICTOR**<sup>®</sup>  
**MACHINES**

**PA / PB / PC**  
**3500 4000 4500 SERIES &**  
**H5000 H6000 H7000 SERIES**

# PRECISION HEAVY-DUTY LATHE

## FEATURES

- Hardened and ground gear in headstock
- Hardened and ground bed ways
- Spindle is supported on 2 opposed directions by precision taper roller bearing at the front and rear
- Massive heavy duty headstock
- Rigid one piece bed and base
- One shot lube system for apron and slide way
- Main motor 30 HP
- 6-way power feed/rapid feed
- Inch/metric threads without quick change gear



Victor 3560PA Precision Heavy-Duty Lathe

## SPECIFICATIONS

ITEMS \ MODELS		3560 ~ 45480 PA PB PC SERIES		
		3500	4000	4500
CAPACITY	Max. swing over bed	35" (889 mm)	39.8" (1,010 mm)	44.7" (1,135 mm)
	Max. swing over cross	24" (609 mm)	29.1" (739 mm)	34.3" (871 mm)
	Max. swing in gap	52.8" (1,340 mm)	57.8" (1,468 mm)	63" (1,600 mm)
	Width of gap	23.6" (599 mm)		
	Width of bed	22" (558 mm)		
	Max. distance between	60" ~ 480" (1,524 ~ 12,200 mm)		
HEADSTOCK	Spindle bore diameter	6"(PA), 9"(PB), 12.5"(PC) (152, 228, 317 mm) up to 24" or customize		
	Spindle bore taper	1 : 20		
	Spindle nose	A2-11(PA), A2-15(PB), A2-20(PC)		
	Taper of center in sleeve	M.T. #5		
	Number of spindle speeds	Step Pulley 18 Steps (Standard) ; Variable Speeds 4 Steps (Optional)		
	Range of spindle speeds	6" PA Steps Pulley (Std.) or Variable Speeds (Opt.) 6 ~ 480 rpm	9" PB Steps Pulley (Std.) or Variable Speeds (Opt.) 4 ~ 400 rpm	12.5" PC Variable Speeds (Std.) 3 ~ 340 rpm
THREADS AND FEEDS	Range of longitudinal feeds	0.0017 IPR ~ 0.095 IPR		
	Range of cross feeds	0.009 IPR ~ 0.0481IPR		
	Range of threads	1/2-28 TPI x 60 kinds		
	Number of threads cutting & range	M.P. 0.25 ~ 14 x 60 kinds D.P. 0.2 ~ 112 x 60 kinds		
	Inch threads	1/2 ~ 28 TPI x 60 kinds		
	Metric threads	1 ~ 56 mm x 52 kinds		
CARRIAGE	Cross slide travel	26-3/8" (669 mm)		
	Compound slide travel	15-3/4" (400 mm)		
TAILSTOCK	Tailstock taper center	M.T. #6		
POWER	Main Motor	30HP (Standard) ; 40 HP (Optional)		
	Coolant Pump	1/8 HP		
WEIGHT AND DIMENSIONS	Packing dimensions (LxWxH)	216.5" x 77.1" x 57.1"	216.5" x 77.1" x 61.7"	216.5" x 77.1" x 66.6"
	Net weight (120" center dist.)	24,200 lb.	24,970 lb.	25,740 lb.
	Gross weight (120" center dist.)	25,300 lb.	26,070 lb.	26,840 lb.

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

### STANDARD MACHINE ACCESSORIES

- |                        |                                 |                              |
|------------------------|---------------------------------|------------------------------|
| 1. Thread chasing dial | 3. Dead centers                 | 5. Two-speed tailstock quill |
| 2. Four-way tool post  | 4. Automatic lubrication system | 6. Tool box & tools          |

### OPTIONAL MACHINE ACCESSORIES

- |                                |                             |                            |                          |
|--------------------------------|-----------------------------|----------------------------|--------------------------|
| 1. Steady rest (Optional size) | 3. Taper turning attachment | 5. 3-jaw universal chuck   | 7. Live center           |
| 2. Follow rest                 | 4. Micro carriage stop      | 6. 4-jaw independent chuck | 8. Auto threading device |



## MACHINERY SOLUTIONS, INC.

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