

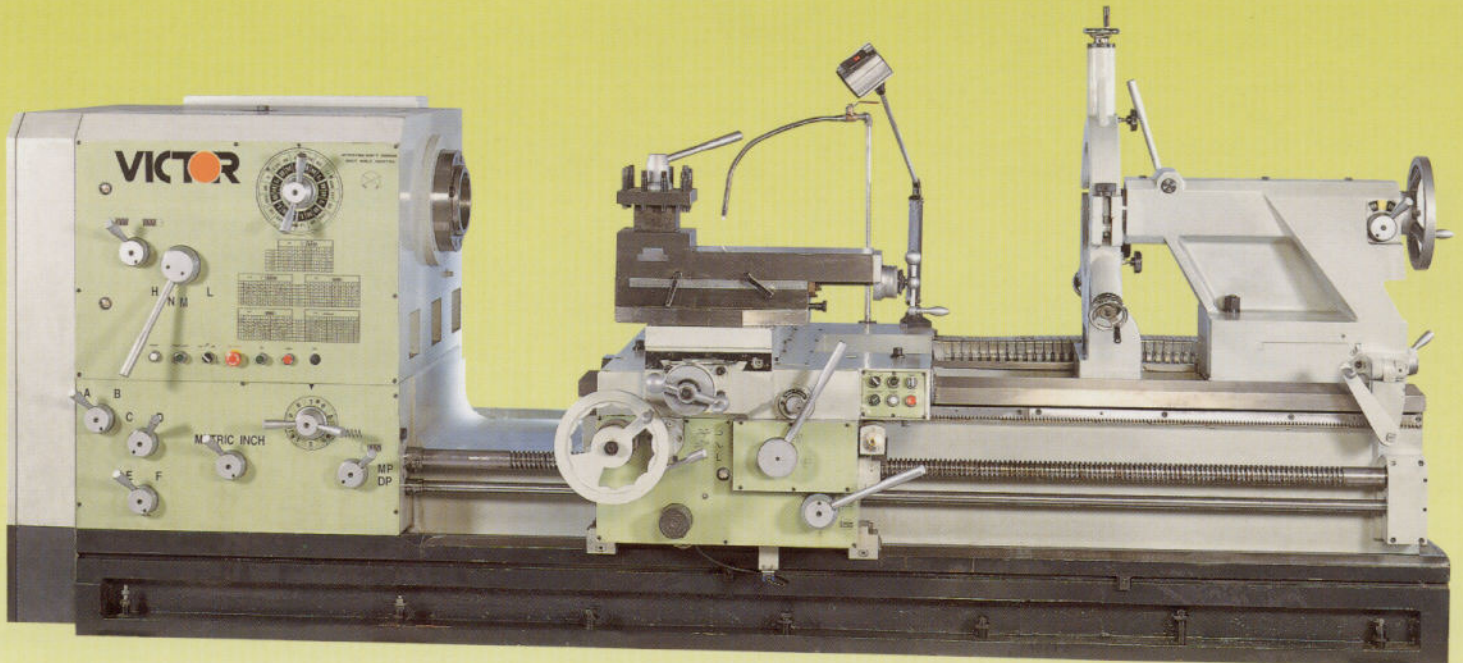
**VICTOR**<sup>®</sup>  
**MACHINES**

**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	5060 ~ 70480 PA PB PC SERIES		
			5000	6000	7000
CAPACITY	Max. swing over bed		50.2" (1,275 mm)	60.1" (1,526 mm)	70.5" (1,790 mm)
	Max. swing over cross carriage		37.4" (949 mm)	47.3" (1,201 mm)	57.5" (1,460 mm)
	Max. swing in gap		70" (1,778 mm)	80.3" (2,039 mm)	90.6" (2,301 mm)
	Width of gap		23.6" (599 mm)		
	Width of bed		28" (711 mm)		
	Max. distance between centers		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		6.02" bore (PA) Steps Pulley (Std.) or Variable Speed (Opt.) 7 ~ 700 rpm	9.05" bore (PB) Steps Pulley (Std.) or Variable Speed (Opt.) 6 ~ 480 rpm	12.51" bore (PC) Variable Speed (Std.) 3 ~ 340 rpm
THREADS AND FEEDS	Range of longitudinal feeds		0.0016"/rev. ~ 0.096"/rev. x 60 kinds		
	Range of cross feeds		0.0008"/rev. ~ 0.048"/rev. x 60 kinds		
	Inch threads		1/2 ~ 28 TPI x 60 kinds		
	Metric threads		1 ~ 56 mm x 52 kinds		
	Diametral pitch		2 ~ 112 D.P. x 60 kinds		
	Module pitch		0.25 ~ 14 M.P. x 43 kinds		
CARRIAGE	Cross slide travel		31-1/2" (800 mm)		
	Compound slide travel		15-3/4" (400 mm)		
TAILSTOCK	Tailstock taper center		M.T. #6		
POWER	Main Motor		40 HP		
	Coolant Pump		1/8 HP		
WEIGHT AND DIMENSIONS	Packing dimensions (L x W x H)		228.3" x 80.7" x 60"	228.3" x 80.7" x 65"	228.3" x 80.7" x 75"
	Net weight (120" center distance)		30,000 lb.	32,250 lb.	34,500 lb.
	Gross weight (120" center distance)		31,320 lb.	33,570 lb.	35,820 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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