

VICTOR[®] 3600RT • 4000RT SERIES

BIG BORE HEAVY-DUTY LATHE

Features

- 6.02" spindle bore is designed to accommodate larger diameter workpieces
- Hardened and precision-ground alloy steel gears and shafts
- The precision-ground spindle is supported at three points by high precision bearings
- One-piece structure bed enhances the machine's life and working performance
- Heavily ribbed wide bed with induction hardened and precision ground bed ways
- Universal gearbox for inch, metric, D.P., and module threading without changing gears
- Automatic or manual dual lubrication system for slide ways
- The electromagnetic brake system offers faster and more precise stopping
- Adjustable overload safety device
- Dial rotary system for quick and easy speed changes
- Tailstock is equipped with a 2-speed quill feed for convenience in drilling
- 4-way power rapid traverse
- Automatic stopper for longitudinal feeds



The machine is shown with optional accessories.

SPECIFICATIONS			3600RT Series			4000RT Series		
CAPACITY	Swing over bed		36" (930 mm)			40" (1,030 mm)		
	Swing over cross slide		27.5" (700 mm)			31.5" (800 mm)		
	Swing in gap diameter		48" (1,220 mm)			52" (1,320 mm)		
	Width of gap		12" (304 mm)					
	Between centers		70" (1,820 mm)	90" (2,320 mm)	130" (3,320 mm)	170" (4,320 mm)	210" (5,320 mm)	250" (6,320 mm)
	Width of bed		20" (510 mm)					
HEADSTOCK	Spindle bore		6.02" (153 mm) (9.06" optional)					
	Spindle nose		A2-11 (A2-15 9.06" bore optional)					
	Spindle sleeve		M.T. #6					
	Speed number		12 Steps					
	Speed range		15 ~ 1,000 rpm					
CARRIAGE	Cross slide travel		18.5" (475 mm)			20.5" (525 mm)		
	Compound rest travel		9" (230 mm)					
THREADS & FEEDS	Leadscrew diameter		1-3/4" (45 mm) x 2 TPI					
	Inch threads		2 ~ 28 TPI x 36 Kinds					
	Metric threads		0.8 ~ 14 mm pitch x 38 Kinds					
	Diametral pitch threads		4 ~ 56 D.P. x 36 Kinds					
	Module pitch threads		0.5 ~ 7 M.P. x 24 Kinds					
	Longitudinal feeds	Inch	0.0020" ~ 0.0276" /rev. x 36 Kinds					
		Metric	0.05 ~ 0.7 mm /rev. x 36 Kinds					
	Cross feeds	Inch	0.0010" ~ 0.0138" /rev. x 36 Kinds					
		Metric	0.025 ~ 0.35 mm /rev. x 36 Kinds					
TAILSTOCK	Quill diameter		4-1/8" (105 mm)					
	Quill travel		10" (260 mm)					
	Quill center taper		M.T. #6					
	Quill feed ratio (2-speed)		1:1 and 4:1					
	POWER	Main motor		25 HP / 3 Phase				
Coolant pump		1/8 HP						
WEIGHT & DIMENSIONS	Packing size LxWxH (Inch)		149x70x82	158x70x82	208x70x82	247x70x82	286x70x82	326x70x82
	Net weight (Approx.)		12,350 lb. (5,600 kg)	13,250 lb. (6,000 kg)	15,000 lb. (6,800 kg)	16,800 lb. (7,600 kg)	18,550 lb. (8,400 kg)	20,300 lb. (9,200 kg)

*Specifications are subject to change without notice for further design improvement.

STANDARD ACCESSORIES

1. Center sleeve	5. Chuck cover with limit switch	9. Dead center M.T. #6
2. 4-way tool post	6. Auto lubrication system	10. Leveling screws and pads
3. 4-way power rapid traverse	7. Halogen work light	11. Operation manual & parts list
4. Electromagnetic brake	8. Coolant system	12. Tool box with tools

OPTIONAL ACCESSORIES

1. Taper turning attachment	5. Steady rest with rollers support	9. Face plate
2. Quick change tool post	6. Follow rest	10. Micro carriage stop
3. 3-jaw scroll chuck	7. Full length splash guard	11. Live center
4. 4-jaw independent chuck	8. Digital readout (DRO)	



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