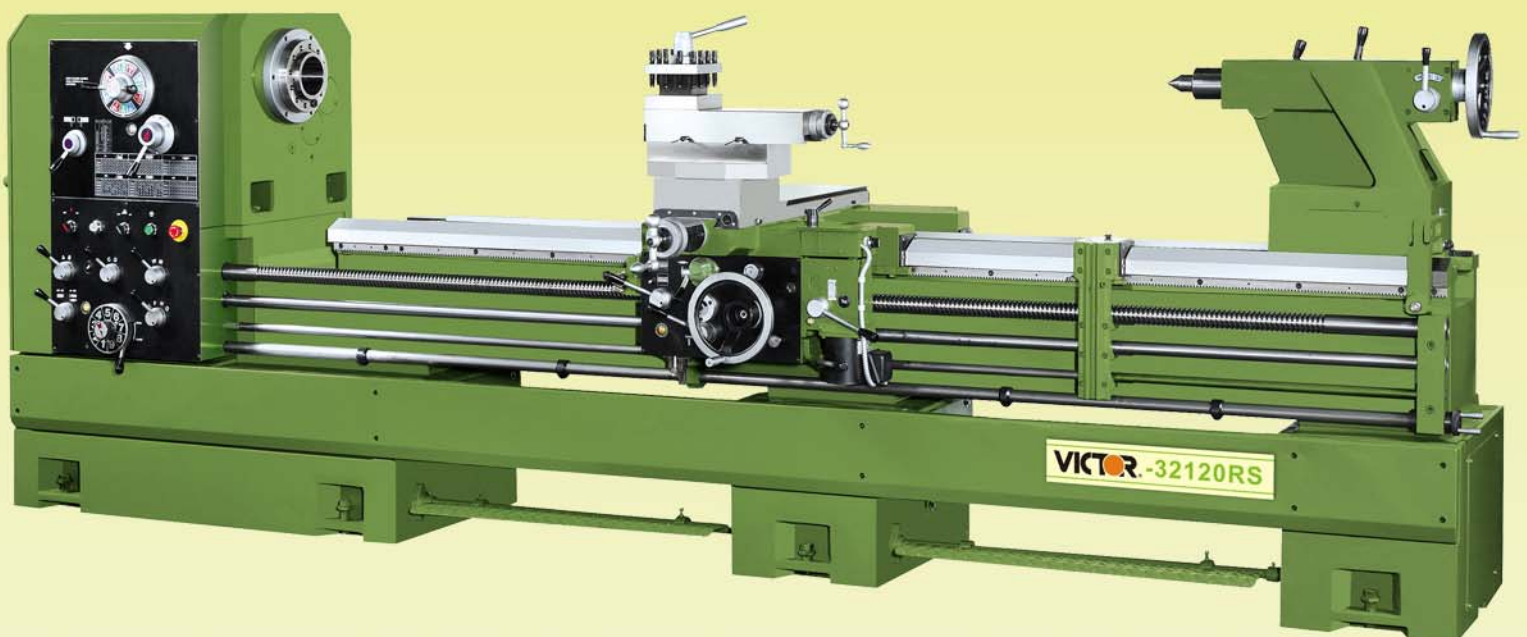


# VICTOR<sup>®</sup> 3200RS • 3600RS SERIES

## PRECISION HEAVY-DUTY LATHE

### Features

- 6.02" spindle bore is designed for large chucking capability
- Precision ground spindle is supported at three points by high precision bearings
- Heavily ribbed wide bed with induction hardened and precision ground bed ways for rigidity and low vibration
- Hardened and precision ground alloy steel gears and shafts
- Universal gearbox for inch, metric, D.P., and module threading without changing gears
- Automatic and manual dual mode lubrication system for slide ways
- Adjustable safety overload device
- Tailstock quill is equipped with 4:1 reduction gearing ratio to provide easy drilling operation
- Two-way longitudinal power rapid traverse on model with 120" between centers or longer
- Automatic stopper for longitudinal feeds



Machine may be shown with optional accessories.

SPECIFICATIONS		3260RS 3660RS	3280RS 3680RS	32120RS 36120RS	32160RS 36160RS	32200RS 36200RS	32240RS 36240RS	
CAPACITY	Swing over bed	32" (830 mm)			36" (930 mm)			
	Swing over cross slide	23.50" (600 mm)			27.50" (700 mm)			
	Swing in gap diameter	44" (1,120 mm)			48" (1,220 mm)			
	Width of gap	12" (304 mm)						
	Between centers	59.06" (1,500 mm)	78.74" (2,000 mm)	118.11" (3,000 mm)	157.48" (4,000 mm)	196.85" (5,000 mm)	236.22" (6,000 mm)	
Width of bed	18-1/8" (460 mm)							
HEADSTOCK	Spindle bore	6.02" (153 mm)						
	Spindle nose	A2-11						
	Spindle sleeve	M.T. #5						
	Speed number	12 Steps						
	Speed range	15 ~ 1,000 rpm						
CARRIAGE	Cross slide travel	16-1/2" (425 mm)						
	Compound rest travel	10" (250 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	3-1/8" (80 mm)						
	Quill travel	9" (230 mm)						
	Quill center taper	M.T. #5						
	Quill feed ratio (2-speed)	1:1 and 4:1						
POWER	Main motor	20 HP / 3 Phase						
	Coolant pump	1/8 HP						
WEIGHT & DIMENSIONS	Length of bed	115" (2,930 mm)	135" (3,430 mm)	174" (4,430 mm)	214" (5,430 mm)	253" (6,430 mm)	293" (7,430 mm)	
	Width of machine	3200RS series		58.07" (1,475 mm)	3600RS series		63.58" (1,615 mm)	
	Height of machine	3200RS series		57.68" (1,465 mm)	3600RS series		59.65" (1,515 mm)	
	Packing size (Inch)	136x52x71	156x52x71	197x52x71	237x52x71	276x52x71	315x52x71	
	Gross weight	3200RS series	7,280 lb (3,300 kg)	7,940 lb (3,600 kg)	9,480 lb (4,300 kg)	10,800 lb (4,900 kg)	12,130 lb (5,500 kg)	13,450 lb (6,100 kg)
3600RS series		7,500 lb (3,400 kg)	8,160 lb (3,700 kg)	9,700 lb (4,400 kg)	11,020 (5,000 kg)	12,350 lb (5,600 kg)	13,670 lb (6,200 kg)	

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

#### STANDARD ACCESSORIES

1. Center sleeve	5. Chuck cover with limit switch	9. Operation manual & parts list
2. Halogen work light	6. Thread dial indicator	10. Tool box with kits
3. 4-way tool post	7. Coolant system	11. 2-way power rapid traverse on model with 120" between centers or longer
4. Dead center M.T. #5	8. Leveling screws and pads	

#### 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)	



## MACHINERY SOLUTIONS, INC.

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