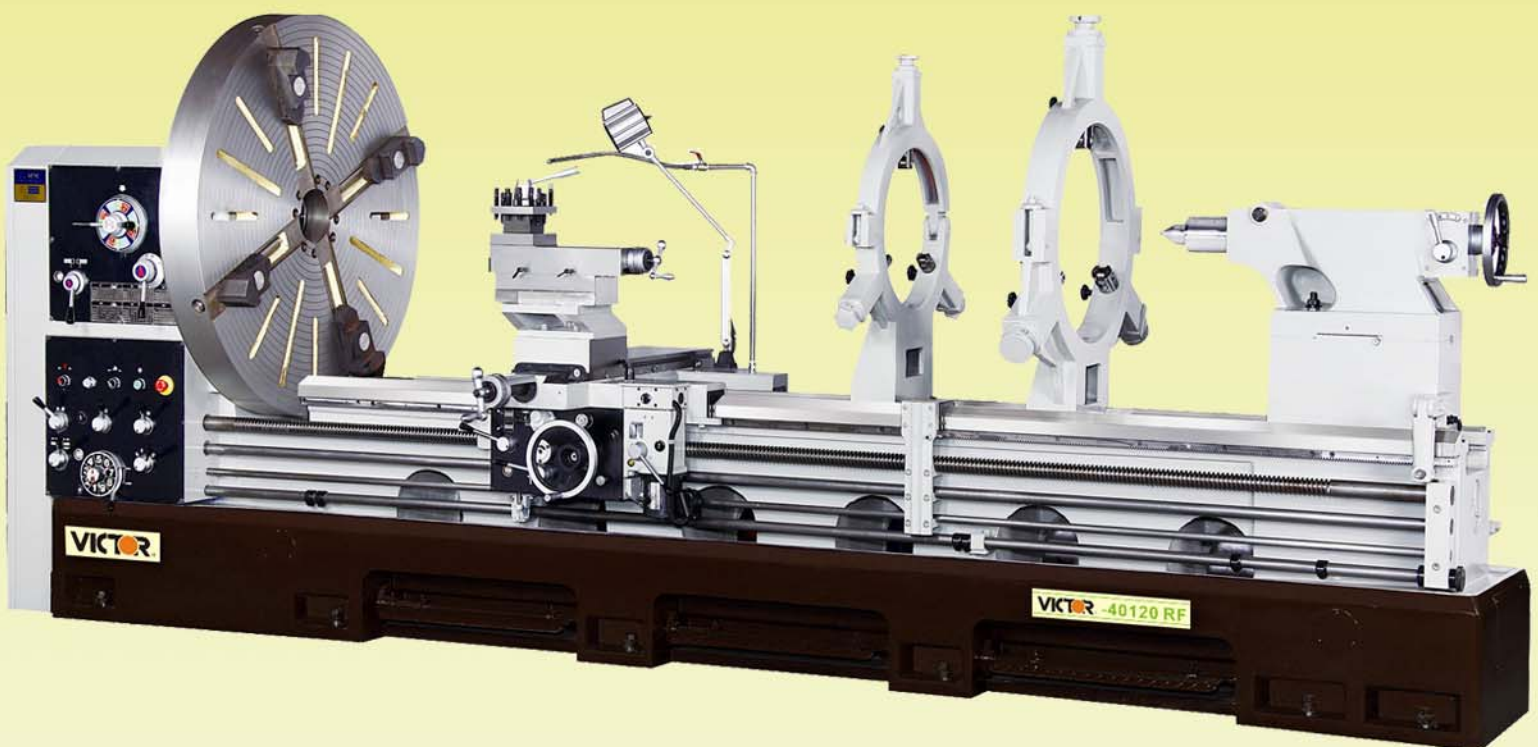


# VICTOR<sup>®</sup> 3600RF • 4000RF SERIES

## BIG BORE HEAVY-DUTY LATHE

### Features

- 6.02" spindle bore is designed for large chucking capability
- 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 to enhance the machine life and working performance
- High tensile ribbed wide bed with hardened and precision ground bed ways for rigidity and low vibration
- Universal gearbox for inch, metric, D.P., and module threading without changing gears
- Central lubrication system can be operated automatically or manually for slide ways
- Adjustable safety overload device
- Rotating type speed changing system for easy operation
- Tailstock is equipped with a two-speed quill that is suitable for heavy duty and easy drilling work
- 4-way power rapid traverse
- Automatic stopper for longitudinal feeds



The machine is shown with optional accessories.

SPECIFICATIONS		3660RF 4060RF	3680RF 4080RF	36120RF 40120RF	36160RF 40160RF	36200RF 40200RF	36240RF 40240RF	
CAPACITY	Swing over bed	36" (930 mm)			40" (1,030 mm)			
	Swing over cross slide	26.77" (680 mm)			30.70" (780 mm)			
	Swing in gap diameter	47" (1,200 mm)			51" (1,300 mm)			
	Width of gap	9.80" (250 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	20" (510 mm)							
HEADSTOCK	Spindle bore	6.02" (153 mm) (9.06" optional)						
	Spindle nose	A2-11 (Optional 9.06" bore is A2-15)						
	Spindle sleeve	M.T. #6						
	Speed number	12 Steps						
	Speed range	15 ~ 1,000 rpm						
CARRIAGE	Cross slide travel	23" (585 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 33 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	9" (230 mm)						
	Quill center taper	M.T. #6						
	Quill feed ratio (2-speed)	1:1 and 4:1						
POWER	Main motor	30 HP / 3 Phase						
	Coolant pump	1/8 HP						
WEIGHT & DIMENSIONS	Packing size LxWxH (Inch)	138x71x83	158x71x83	197x71x83	237x71x83	276x71x83	315x71x83	
	Gross weight (Approx.)	3600RF series	13,010 lb (5,900 kg)	14,110 lb (6,400 kg)	15,650 lb (7,100 kg)	17,420 lb (7,900 kg)	19,180 lb (8,700 kg)	19,840 lb (9,000 kg)
		4000RF series	13,230 lb (6,000 kg)	14,330 lb (6,500 kg)	15,870 lb (7,200 kg)	17,640 lb (8,000 kg)	19,400 lb (8,800 kg)	20,060 lb (9,100 kg)

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

#### STANDARD ACCESSORIES

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

#### OPTIONAL ACCESSORIES

1. Taper turning attachment	5. Steady rest with rollers support	9. Face plate with 4-jaw
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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