

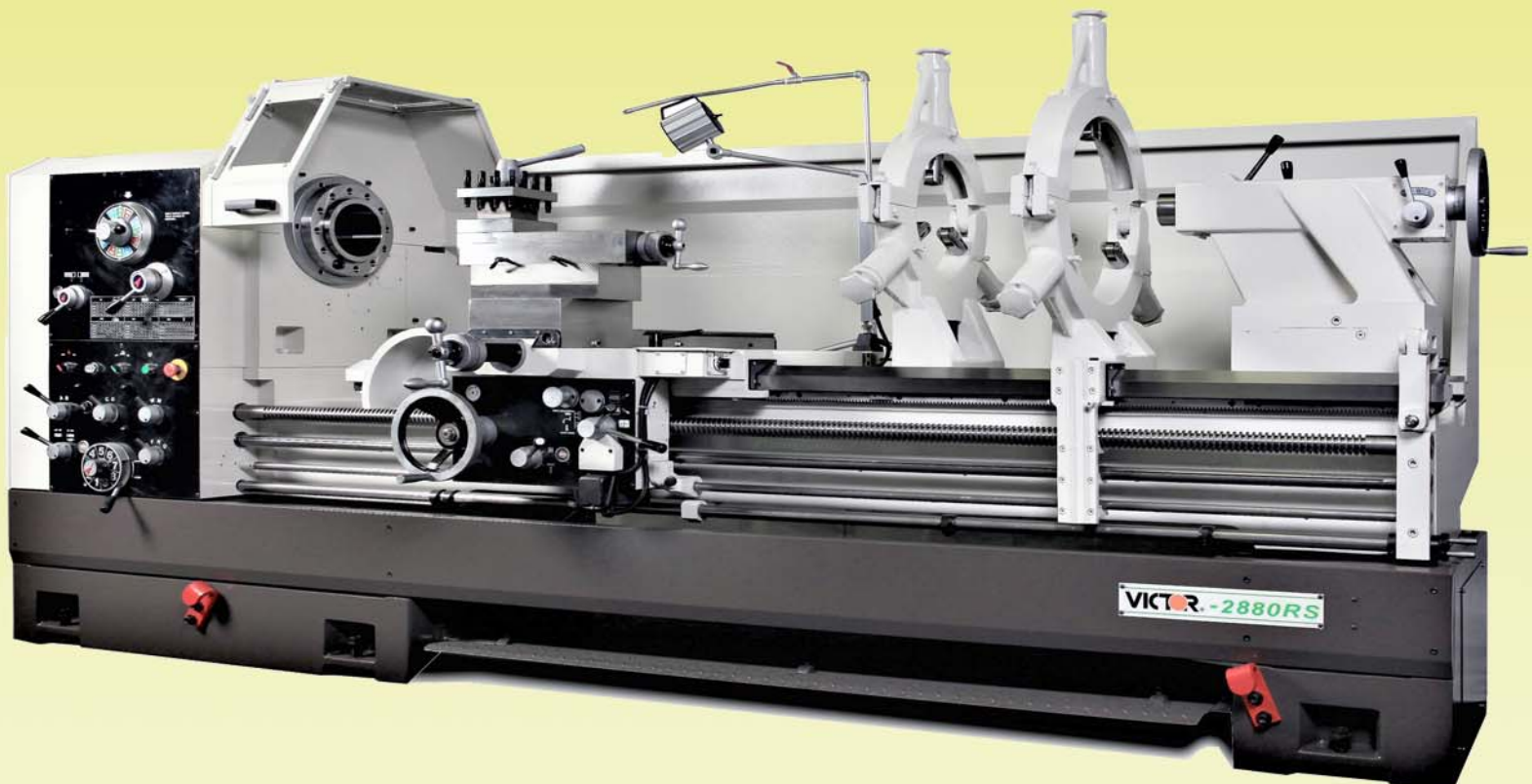


2800RS SERIES

PRECISION HEAVY-DUTY LATHE

Features

- 4-1/8" spindle bore with D1-11 camlock spindle nose
- 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		2860RS	2880RS	28120RS	28160RS	28200RS	28240RS	
CAPACITY	Swing over bed	28" (730 mm)						
	Swing over cross slide	19.50" (500 mm)						
	Swing in gap diameter	40" (1,020 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	4-1/8" (105 mm) 6.02" (optional)						
	Spindle nose	D1-11 (A2-11 optional)						
	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						
DIMENSIONS & WEIGHT	Packing size L x W x H (Inch)	136x52x71	156x52x71	197x52x71	237x52x71	276x52x71	315x52x71	
	Gross weight	7,050 lbs	7,720 lbs	9,260 lbs	10,580 lbs	11,900 lbs	13,230 lbs	

*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)	



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