

VICTOR®

1440G & 1440GVS SERIES

PRECISION HIGH-SPEED & INFINITELY VARIABLE SPEED LATHE

1440G PRECISION HIGH-SPEED LATHE FEATURES:

- Headstock gear are made of CR-MO alloy steel.
- Hardened and ground bed ways.
- Telescopic cross slide.
- Cross slide ways are ground.
- Full length foot brake.
- Adjustable feed clutch.
- Dual gear box for easy switch of inch and metric threads.
- Oil bath lubrication for headstock, gearbox & apron.
- Low voltage controls for extra safety operation.



1440GVS INFINITELY VARIABLE SPEED LATHE FEATURES:

- 2 Steps Infinitely Variable Speed : Low Gear: 30 ~ 360 rpm; High Gear: 160 ~ 2,500 rpm.
- Headstock gear are made of CR-MO alloy steel.
- Hardened and ground spindles, gears in headstock.
- Hardened and ground bed ways.
- Totally enclosed oil bath headstock, apron and gear box.
- Feed engage lever operated by pull-up, and disengage operated by push-down to ensure the exactly and fast operation.
- Equipped with Yaskawa Varispeed-606PC3 all-digital, high-performance and low-noise inverters.

SPECIFICATIONS

ITEMS		MODELS	1440G	1440GVS
CAPACITY	Max. swing over bed		14" (360 mm)	
	Max. swing over cross carriage		9" (233 mm)	
	Max. swing in gap		21" (538 mm)	
	Width of gap		9.8" (250 mm)	
	Width of bed		10" (255 mm)	
	Max. distance between centers		39.4" (1,000 mm)	
HEADSTOCK	Spindle bore diameter		Ø1-9/16" (Ø40 mm)	
	Spindle bore taper		M.T. #5	
	Taper of center in sleeve		M.T. #3	
	Spindle nose		Camlock D1-4	
	Number of spindle speeds	16 steps	Variable - 2 steps (YASKAWA Brand Control)	
	Range of spindle speeds (rpm)	42 ~ 2,000 rpm	Low gear : 30 ~ 360 rpm High gear : 160 ~ 2,500 rpm	
THREADS AND FEEDS	Range of longitudinal feeds		0.002" ~ 0.04"/rev. (0.05 ~ 1.0 mm/rev.)	
	Range of cross feeds		0.001" ~ 0.02"/rev. (0.025 ~ 0.5 mm/rev.)	
	Pitch of leadscrew		1" (25 mm) or 4TPI (6 mm / pitch)	
	Inch threads		4 ~ 112 TPI x 40 kinds	
	Metric threads		0.25 ~ 6.0 mm x 22 kinds	
CARRIAGE	Cross slide travel		8-1/16" (205 mm)	
	Compound slide travel		3-3/4" (95 mm)	
TAILSTOCK	Tailstock taper center		M.T. #3	
	Spindle travel		4-1/4" (110 mm)	
	Spindle diameter		Ø1-1/2" (Ø38 mm)	
POWER	Main motor		3HP 3 Phase	
	Coolant pump		1/8 HP 3 Phase	
MACHINE	Shipping dimensions (L x W x H)		78" x 30" x 60" (1,980 x 760 x 1,520 mm)	
	Net weight		2,244 lb. (1,020 kg.)	
	Gross weight		2,794 lb. (1,270 kg.)	

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

STANDARD MACHINE ACCESSORIES

1. Halogen work light	5. Tool box with kits	9. Coolant system
2. Dead Centers M.T. #3	6. Four way tool post	10. Chuck cover with micro switch
3. Reducing sleeve	7. Instruction manual and parts list	11. Full length splash guard
4. Threading dial indicator	8. Gap bed	

OPTIONAL MACHINE ACCESSORIES

1. Rear tool post	6. Follow rest	11. Bed micro stop set
2. 3-jaw scroll chuck	7. Quick change tool post	12. 5C collet closer (M.T. #5)
3. 4-jaw independent chuck	8. American tool post	13. 5C collet chuck (2 mm ~ 25mm)
4. Face plate D1-4 12"	9. Taper turning attachment	
5. Steady rest	10. Rolling center M.T. #3	



MACHINERY SOLUTIONS, INC.

For more information please call: (310) 537-2522

web-site: www.VictorMachines.com e-mail: info@VictorMachines.com