

VICTOR[®] 1440GL • 1440GLV SERIES

PRECISION HIGH-SPEED & INFINITELY VARIABLE SPEED LATHE

Features:

- Headstock gears are made of chrome-moly steel.
- Hardened and precision ground spindle and headstock gears.
- A forced lubrication system lubricates all headstock gears and bearings.
- Bed is made of high tensile cast iron FC30.
- Hardened and ground bed ways.
- Leadscrew is equipped with a torque limit safety device.
- Feed rod has a built-in overload safety clutch.
- An interlocking device in apron to prevent simultaneous engagement of auto feeding and threading operations.
- Full length foot brake.
- Powerful 5 HP main motor.



1440GLV Additional Features:

- 2-step infinitely variable speed -
Low gear: 36 ~ 300 rpm
High gear: 300 ~ 2,200 rpm.
- Digital spindle speed display.
- Easy spindle speed change while running by a knob control.
- Equipped with high performance and low-noise variable-frequency drive (VFD).

Machine may be shown with optional accessories.

SPECIFICATIONS

ITEMS		MODELS	1440GL	1440GLV
CAPACITY	Max. swing over bed		14" (360 mm)	
	Max. swing over cross slide		8-3/4" (225 mm)	
	Max. swing over gap		20-1/2" (520 mm)	
	Width of gap		7-5/8" (195 mm)	
	Width of bed		9" (230 mm)	
	Max. distance between centers		40" (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		D1-4 Camlock	
	Number of spindle speeds		12 steps	Variable - 2 steps
	Range of spindle speeds (rpm)		50 ~ 2,000 rpm	Low gear : 36 ~ 300 rpm High gear : 300 ~ 2,200 rpm
THREADS AND FEEDS	Leadscrew diameter		15/16" (24 mm)	
	Pitch of leadscrew		4 TPI	
	Range of longitudinal feeds		0.0026" ~ 0.0368"/rev. (0.066 ~ 0.935 mm/rev.)	
	Range of cross feeds		0.0009" ~ 0.0123"/rev. (0.022 ~ 0.312 mm/rev.)	
	Inch threads		4 ~ 56 TPI x 32 kinds	
	Metric threads		0.4 ~ 7 mm x 32 kinds	
CARRIAGE	Cross slide travel		7" (180 mm)	
	Compound slide travel		3-3/4" (96 mm)	
TAILSTOCK	Taper of center		M.T. #3	
	Quill travel		4" (100 mm)	
	Quill diameter		Ø1-9/16" (Ø40 mm)	
POWER	Main motor		5 HP / 3 Phase	
	Coolant pump		1/8 HP	
MACHINE	Shipping dimensions (L x W x H)		76" x 32" x 63" (1,930 x 813 x 1,600 mm)	
	Net weight		1,600 lb. (720 kg.)	
	Gross weight		1,810 lb. (820 kg.)	

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

STANDARD MACHINE ACCESSORIES

1. Halogen work light	5. Tool box	9. Coolant system
2. Dead Centers M.T. #3	6. 4-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	12. Leveling screws and pads

OPTIONAL MACHINE ACCESSORIES

1. Digital readout (DRO)	5. Steady rest	9. Taper turning attachment
2. 3-jaw scroll chuck	6. Follow rest	10. Micro carriage stop
3. 4-jaw independent chuck	7. Quick change tool set	11. 5C lever type collet closer
4. Face plate D1-4	8. Live center M.T. #3	12. 5C collet set



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