



# 616EVS-CT 616EVS

## SECOND OPERATION LATHE



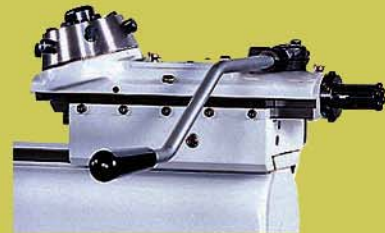
VICTOR 616EVS-CT Second Operation Lathe  
High Speed, High Accuracy & Electronic Variable Speed



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### Features

- Fully enclosed preloaded angular contact ball bearing headstock with splash shield for spindle
- Spindle mounted in high precision preloaded angular contact ball bearings
- Fast lever collet chucking with a single movement
- Hardened and precision ground bedways
- Double tools cross slide is held securely to the bed by a mating dovetail section and may be locked in any position on the bed
- Spindle runout is within 60 millionths or less
- 5C collet closer standard



The preloaded ball bearing turret head eliminates all play between the turret head and the turret slide (616EVS)



Electronic variable speed with inverter infinitely variable spindle speeds from 0 ~4,000 rpm.  
The actual rpm is displayed in an easy to read digital display

SPECIFICATIONS		616EVS-CT	616EVS
SPINDLE CAPACITY	With jaw chucks	5" (127 mm)	
	With expanding collets	3" (76 mm)	
	With round 5C collets	1-1/16" (27 mm)	
	With hexagon 5C collets	7/8" (22 mm)	
	With square 5C collets	3/4" (19 mm)	
	With step chucks	1-1/16" to 6" (27 ~152.4 mm)	
Spindle nose diameter		Ø2.189" (Ø 55.6 mm)	
Variable spindle speeds		0 ~ 4,000 rpm (5C collet)	
Spindle nose I.D. / O.D.		5C (10°) / 4° Taper	
Compound slide X-axis travel		4-1/2" (114 mm)	N/A
Compound slide Z-axis travel		5-1/2" (140 mm)	N/A
Double tool cross slide travel		N/A	3-3/4" (95 mm)
Turret slide travel		N/A	4" (101.6 mm)
I.D. of turret head		N/A	5/8" (15.875 mm)
Tailstock spindle taper		M.T. #2	N/A
Tailstock spindle travel		3-3/4" (95 mm)	N/A
Variable spindle speeds		0 ~ 4,000 rpm	
Swing over bed		9" (229 mm)	
Main motor		3 HP 3 PH, 220V (Single phase optional)	
Coolant pump		1/8 HP	
Net / Gross weight		990 / 1,364 lb. (450 / 620 kg.)	
Machine packing dimension		73" x 35" x 75" (1,850 x 890 x 1,900 mm)	

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

## STANDARD ACCESSORIES

1. Test bar – 1 pc.	2. Leveling bolts & seats – 6 pcs.	3. 5A fuses- 2 pcs.
4. 30A fuses – 3 pcs.	5. 5A bridge rectifier – 1 pc.	6. Tool box and tool kits – 1 set
7. Touch-up paint – 1 can	8. Operation manual – 1 set	

## OPTIONAL ACCESSORIES

1. Tool setting gage	2. Straight and taper turning slide	3. Vertical cut off slide
4. Chip and coolant shield	5. Tool holders for slide tool	6. 5C collets set
7. 6" 4-jaw chuck w/ back plate	8. 6" zero-set 3-jaw chuck w/ back plate	



## MACHINERY SOLUTIONS, INC.

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