VICTOR 1700E SERIES

PRECISION HIGH SPEED LATHE

Features

- One-piece high rigidity and low vibration base
- Thermal treated Meehanite cast bed
- Hardened and precision ground bedways
- Thermal treated and precision ground alloy gears
- Universal gearbox for both inch and metric threading
- Double reservoir oil bath type cross slide
- Safety overload device
- Wear-resistant phosphor bronze leadscrew nuts
- High capacity coolant tank provides sufficient coolant output

Machine may be shown with optional accessories.

SPECIFICATIONS		1740E	1760E	1790E
CAPACITY	Max. swing over bed	16.93" (430 mm)		
	Max. swing over cross-slide	9.45" (240 mm)		
	Max. swing in gap	25.59" (650 mm)		
	Width of gap	9.84" (250 mm)	11.81" (300 mm)	
	Width of bed	11.81" (300 mm)		
	Max. distance between centers	39.37" (1,000 mm)	59" (1,500 mm)	86.60" (2,200 mm)
HEADSTOCK	Spindle bore diameter	2.28" (58 mm)		
	Spindle bore taper	M.T. No. 6		
	Taper of center in sleeve	M.T. No. 4		
	Spindle nose	D1-6		
	Number of spindle speeds	12 steps		
	Range of spindle speeds	20 ~ 2,000 rpm		
THREADS AND FEEDS	Range of longitudinal feeds	0.002" ~ 0.03"/rev. (0.05 ~ 0.76 mm/rev.) x 18 kinds		
	Range of cross feeds	0.0008" ~ 0.011"/rev. (0.02 ~ 0.28 mm/rev.) x 17 kinds		
	Inch threads per inch	4 ~ 56 TPI x 36 kinds		
	Metric threads	0.5 ~ 7 mm x 17 kinds		
	Leadscrew diameter	1.38" (35 mm)		
	Leadscrew pitch	4 TPI		
CARRIAGE	Cross slide travel	9.65" (245 mm)		
	Compound slide travel	4.92" (125 mm)		
TAILSTOCK	Tailstock spindle diameter	2.28" (58 mm)		
	Max. tailstock spindle travel	5.91" (150 mm)		
	Tailstock spindle bore taper	M.T. No. 4		
POWER	Main Motor	7.5 HP 3 PH		
	Coolant Pump	1/8 HP 3 PH		
MACHINE DIMENSIONS	Gross machine weight (approx.)	4,100 lb. (1,860 kg)	4,850 lb. (2,200 kg)	5,450 lb. (2,470 kg)
	Packing measurement (approx.)	90" x 38" x 64" (2,280 x 950 x 1,620 mm)	110" x 38" x 64" (2,790 x 950 x 1,620 mm)	143" x 38" x64" (3,610 x 950 x 1,620 mm)

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

STANDARD MACHINE ACCESSORIES

1. Center sleeve	1 pc.	6. Leveling screws and pads	1 set
2. Screw wrench	1 pc.	7. Thread dial indicator	1 set
3. Back plate	1 pc.	8. M.T. No. 4 dead center	2 pcs.
4. Coolant system	1 pc.	9. Tool box	1 set
5. Auto-feed stopper ring	1 set	10. Operation manual	1 copy

OPTIONAL MACHINE ACCESSORIES

1. Digital readout (DRO)	7. Driving plate	13. Drill chuck and 4MT arbor
2. Quick change tool post	8. Steady rest with rollers	14. Live center 4MT
3. Taper turning attachment	9. Follow rest	15. 5C lever type collet closer
4. 3-jaw scroll chuck	10. Face plate	16. 5C collet set
5. 4-jaw independent chuck	11. 4-position carriage stop	17. Change gears for D.P. and module thread
6. Full length splash guard	12. Micro carriage stop	18. Halogen work light

MACHINERY SOLUTIONS, INC.

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