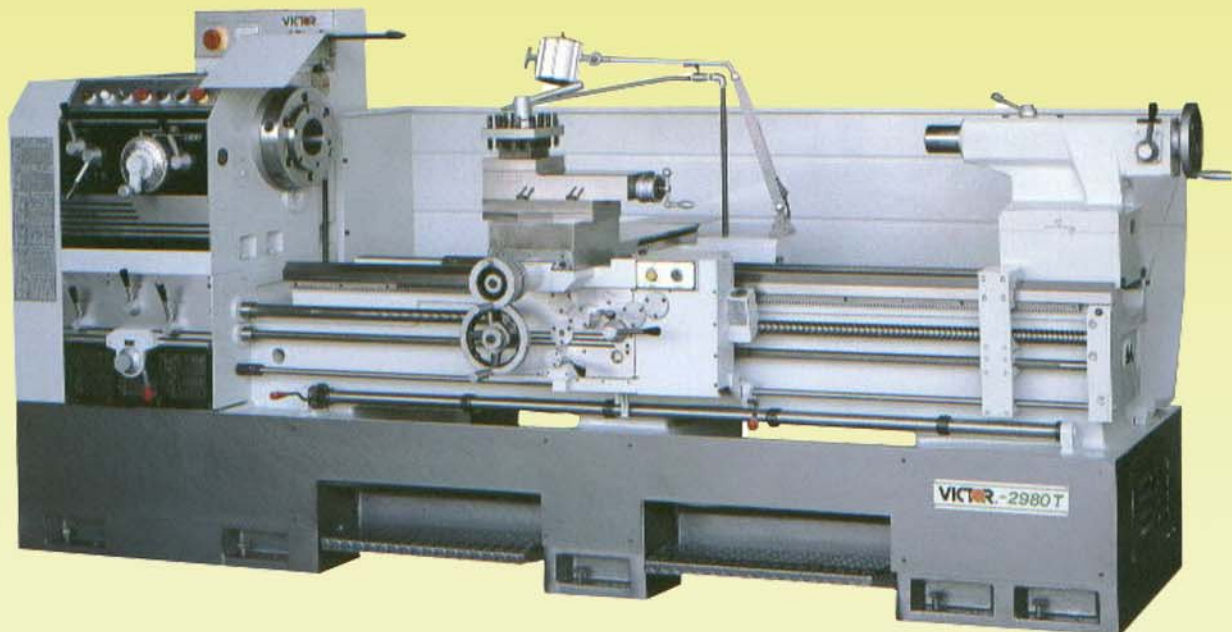


VICTOR[®] 2400T • 2900T SERIES

PRECISION HEAVY-DUTY LATHE

Features

- High precision hardened and ground spindle
- Spindle is supported by 3 bearings (2 taper roller bearings and one ball bearing)
- Hardened and precision ground induction bedways with high tension mechanize casting iron
- 4-1/8" (105 mm) large spindle bore with D1-11 camlock spindle nose
- Rapid and positive magnetic brake system is operated by either emergency switch control or foot brake
- All running parts are lubricated by a pressure pump in gearbox
- Sliding, surfacing and screw-cutting motions are fully interlocked in apron
- A cone-clutch device in the apron to prevent overload
- Dual speed tailstock quill (ratio 1:1 and 1:4) provides easy drilling operation
- 4-way power rapid traverse
- Ampere meter for power consumption monitoring
- Jog button for easy spindle speed changes
- 20 HP main motor



Machine may be shown with optional accessories.

| SPECIFICATIONS | | 2400T | 2900T |
|--|--------------------------------|--|------------------------------------|
| GENERAL CAPACITY | Center height | 11-7/8" (300 mm) | 14-3/4" (370 mm) |
| | Swing over bed | 23-5/8" (600 mm) | 29-1/8" (740 mm) |
| | Swing over gap (Gap type only) | 32-1/4" (820 mm) | 37-25/32" (960 mm) |
| | Swing over cross-slide | 15" (380 mm) | 20-1/2" (520 mm) |
| | Distance between centers | 53" (1,350 mm), 73" (1,850 mm), 115" (2,920 mm), 167" (4,250 mm) | |
| MAIN SPINDLE | Spindle nose | D1-11 Camlock | |
| | Spindle bore diameter | 4-1/8" (105 mm) | |
| | Taper of spindle bore | 108 x 1 : 20 | |
| | Taper of center | M.T. # 5 | |
| | Spindle speeds | 25 ~ 1,200 rpm (12 steps) | |
| CARRIAGE | Cross slide travel | 13" (330 mm) | 16-1/4" (412 mm) |
| | Compound rest travel | 8-1/4" (210 mm) | |
| | Max. size cutting tool | 1" x 1" (25 x 25 mm) | |
| TAILSTOCK | Spindle diameter | 3-1/32" (77 mm) | |
| | Spindle travel | 7" (178 mm) | |
| | Taper of center | M.T. # 5 | |
| BED | Bed length | 102" / 122" / 164" / 217" (2,590 / 3,090 / 4,160 / 5,530 mm) | |
| | Bed width | 16-1/2" (420 mm) | |
| | Width of gap | 20-1/4" (515 mm) | |
| THREADING & FEEDING | Pitch of leadscrew | Ø 1-1/2" (38 mm) 4 TPI or 6 mm / pitch | |
| | Metric pitch threads | 0.5 ~ 14 mm x 31 kinds | |
| | Inch pitch threads | 2 ~ 56 TPI x 45 kinds | |
| | Module pitch threads | 0.25 ~ 7 M.P. x 23 kinds | |
| | Diametral pitch threads | 4 ~ 112 D.P. x 43 kinds | |
| | Range of longitudinal feeds | 0.0012" ~ 0.0287"/rev. (0.03 ~ 0.73mm/rev.) | |
| | Range of cross feeds | 0.0004" ~ 0.0118"/rev. (0.01 ~ 0.3 mm/rev.) | |
| POWER | Main drive motor | 20 HP (14.92 kw) 3PH | |
| | Rapid traverse motor | 1/2 HP 3PH | |
| | Coolant pump motor | 1/8 HP 3PH | |
| Approx. net weight | | 7,260 / 7,444 / 9,174 / 10,406 lb | 7,800 / 8,200 / 9,600 / 10,500 lb |
| Approx. gross weight | | 8,250 / 8,690 / 10,010 / 11,000 lb | 8,730 / 9,200 / 10,500 / 11,440 lb |
| Packing measurement approx. (L X W X H) | | 120" / 140" / 190" / 233" x 54" x 75" | |

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

STANDARD MACHINE ACCESSORIES

| | | | | |
|--------------------------------|-------|---|-------|----------------------------|
| 1. Main motor 20 HP | 1 pc | 4. Coolant system | 1 set | 7. Leveling screws & pads |
| 2. M.T. #5 dead center | 2 pcs | 5. Change gears for module & D.P. threading | 1 set | 8. Tool box with tool kits |
| 3. Chuck cover w/ limit switch | 1 set | 6. Inch/metric dual dial | 1 set | 9. Repair paint 1 can |

OPTIONAL MACHINE ACCESSORIES

| | | |
|-------------------------------------|---|--|
| 1. Steady rest with rollers support | 6. Drive plate | 11. Halogen work light |
| 2. Follow rest | 7. Digital readout | 12. Full length splash guard |
| 3. 3-jaw scroll chuck | 8. Micro carriage stop | 13. Taper turning attachment |
| 4. 4-jaw independent chuck | 9. Extension quills for 15" steady rest | 14. Quick change tool post |
| 5. Face plate | 10. Live center M.T. #5 | 15. Steady rest 19" with rollers support |



MACHINERY SOLUTIONS, INC.

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

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