

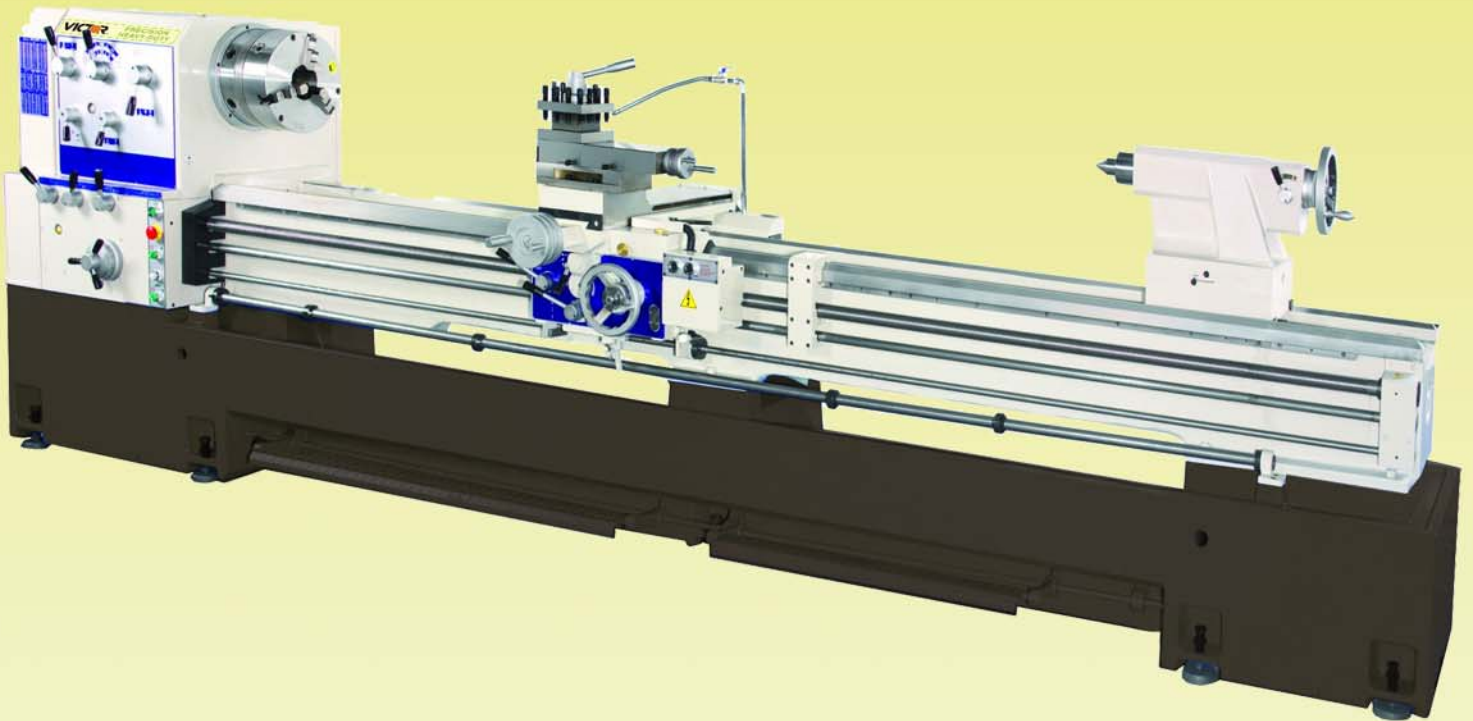


3000E SERIES

PRECISION HEAVY-DUTY LATHE

Features

- 4.5" spindle bore with D1-11 camlock spindle nose
- Headstock gears are hardened and ground alloy steel for long lasting accuracy
- One-piece solid base for high rigidity and low vibration
- Thermal treated Meehanite casting bed
- Spindle is supported at 3 points with high-precision bearings
- Overload device to ensure safety when operating
- Dual-speed tailstock quill provides faster setups
- Universal gearbox design for both inch and metric threading
- 4-way power rapid traverse
- 15 HP 6 pole motor features more torque at a lower RPM



Machine may be shown with optional accessories.

| SPECIFICATIONS | | 3060E | 3080E | 30100E | 30130E | 30170E |
|--------------------|--------------------------------|---|-------------------------|-------------------------|-------------------------|--------------------------|
| CAPACITY | Max. swing over bed | 30" (760 mm) | | | | |
| | Max. swing over cross-slide | 21-1/4" (540 mm) | | | | |
| | Max. swing in gap | 39" (990 mm) | | | | |
| | Width of gap | 11.89" (302 mm) | | | | |
| | Width of bed | 15-3/4" (400 mm) | | | | |
| | Max. distance between centers | 59" (1,500 mm) | 78.75" (2,000 mm) | 98.4" (2,500 mm) | 130" (3,300 mm) | 169" (4,300 mm) |
| HEADSTOCK | Spindle bore diameter | 4.5" (115 mm) | | | | |
| | Spindle bore taper | M.T. No. 7 | | | | |
| | Taper of center in sleeve | M.T. No. 5 | | | | |
| | Spindle nose | D1-11 | | | | |
| | Number of spindle speeds | 12 steps | | | | |
| | Range of spindle speeds | 10 ~ 1,000 rpm | | | | |
| THREADS AND FEEDS | Range of longitudinal feeds | 0.002" ~ 0.032"/rev. (0.05 ~ 0.82 mm/rev.) x 18 kinds | | | | |
| | Range of cross feeds | 0.001" ~ 0.0094"/rev. (0.02 ~ 0.4 mm/rev.) x 17 kinds | | | | |
| | Inch threads | 2 ~ 56 TPI x 44 kinds | | | | |
| | Metric threads | 0.5 ~ 14 mm x 24 kinds | | | | |
| | Leadscrew diameter | 1-1/2" (38 mm) | | | | |
| | Leadscrew pitch | 4 TPI | | | | |
| CARRIAGE | Cross slide travel | 14-3/4" (375 mm) | | | | |
| | Compound slide travel | 7-7/8" (200 mm) | | | | |
| TAILSTOCK | Tailstock spindle diameter | 3-1/3" (85 mm) | | | | |
| | Tailstock spindle travel | 6-1/2" (165 mm) | | | | |
| | Tailstock spindle bore taper | M.T. No. 5 | | | | |
| POWER | Main Motor | 15 HP (6 pole) 3 PH | | | | |
| | Coolant Pump | 1/8 HP 3 PH | | | | |
| MACHINE DIMENSIONS | Gross machine weight (approx.) | 6,200 lbs (2,810 kg) | 7,080 lbs (3,210 kg) | 7,630 lbs (3,460 kg) | 8,730 lbs (3,960 kg) | 11,510 lbs (5,220 kg) |
| | Packing measurement (approx.) | 120"x46"x76" | 145"x46"x76" | 170"x46"x76" | 195"x46"x76" | 235"x46"x76" |

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

STANDARD MACHINE ACCESSORIES

| | | | |
|----------------------------------|-------|------------------------------|--------|
| 1. 4-way power rapid traverse | 1 set | 8. 4-way tool post | 1 pc. |
| 2. Center sleeve | 1 pc. | 9. Safety pin | 1 pc. |
| 3. Auto-feed stopper ring | 1 set | 10. M.T. No. 5 dead center | 2 pcs. |
| 4. Coolant system | 1 set | 11. Full length splash guard | 1 pc. |
| 5. Chuck cover with limit switch | 1 set | 12. Tool box | 1 pc. |
| 6. Halogen work light | 1 pc. | 13. Leveling pads | 1 set |
| 7. Thread dial indicator | 1 pc. | | |

OPTIONAL MACHINE ACCESSORIES

| | |
|-----------------------------|---|
| 1. Digital readout (DRO) | 7. Steady rest with rollers |
| 2. Quick change tool post | 8. Follow rest with rollers |
| 3. Taper turning attachment | 9. Face plate |
| 4. 3-jaw scroll chuck | 10. 4-position carriage stop |
| 5. 4-jaw independent chuck | 11. Live center 5MT |
| 6. Drive plate | 12. Change gears for D.P. and module thread |



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