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Tension release lever

Change speeds by releasing belt tension with the spring-loaded lever and repositioning the drive belt. (4 speed MODEL 16018-1 only).

Available

Movable switch box & variable speed (0 to 3000 RPM).

Model 16018VD

M1: 1 HP, 115 V, 1 Ph

M2: 1 HP, 230 V, 1 Ph



Model 160-1 / 16018-1

12" & 18" WOOD TURNING LATHES - 4 speed and variable speed

High quality ribbed cast-iron headstock, tailstock, and bed.

Precision-machined bed guideways allow the tailstock and tool rest to slide smoothly.

Precision-machined, high quality steel spindle, mounted on sealed, permanently lubricated bearings.

4-step dynamically balanced, machined cast-iron V-pulley on the 4 speed MODEL 160-1.

Both models equipped with plunger-type pin indexing mechanism for reeding and fluting.

Spindle nose is threaded 5/8" at both ends and bored for a "Morse No.2" taper.

Removable headstock cover for access to the spindle and indexing mechanism.

Powerful North American designed, totally enclosed, fan cooled industrial motor.

Push-button switch on single-phase units and a magnetic safety switch on all 3-phase units.

Included accessories:

- [Spur center \(#1632SA\)](#)
- [Live center \(#2651-1\)](#)
- [Knock out bar \(#2644\)](#)
- [4" tool rest \(#165\)](#)
- [12" tool rest \(#166\)](#)
- [3" diameter face plate \(#1637\)](#)
- [Tool rest carriage \(#264SA\)](#)

Swing-over bed capacity 12" (304.8 mm) - #160-1
 18" (457 mm) - #16018-1

Swing-over gap capacity 15" (381 mm) - #160-1
 21" (533 mm) - #16018-1

Max. Distance between centers 38" (965.2 mm)

Floor to spindle center 41" (1041.4 mm)

Nose-inboard (r.h. thread) 1"-8 (25.4 mm)

Nose-outboard (l.h. thread) 1"-8 (25.4 mm)

Spindle bore 5/8" (16 mm)

Headstock/tailstock taper Morse no. 2

Tailstock spindle travel 2" (50.8 mm)

Turning speeds 4

Spindle speed 850, 1375, 2160, 3500 RPM

Motor M1 1 HP, 115 V, 1 Ph, 12.8 A

Motor M2 1 HP, 230 V, 1 Ph, 7 A

Motor M3 1 HP, 230 V, 3 Ph, 2.8 A

Motor M4 1 HP, 208 V, 3 Ph, 2.8 A

Weight 283 LBS (128 kg)

Optional accessories

- [3" cast-iron face plate \(#1637\)](#)
- [6" cast-iron face plate \(#1638\)](#)
- [8 1/2" sanding disc \(#1642\)](#)
- [12" face plate \(#1647-12\)](#)
- [Screw-on cast-iron arbor \(#1649 right threads\) / \(#1649-1 left-hand threads\)](#)
- [5" hand wheel \(#1639\)](#)
- [Spur center \(#1632SA\)](#)
- [Key chuck \(#34-25\)](#)
- [Screw center \(#1648\)](#)
- [Ball bearing cup center \(#2651MT1 / #2651MT2\)](#)
- [Cup center \(#1633SA\)](#)
- [60° dead center \(#1636\)](#)
- [4" tool rest \(#165\)](#)
- [12" tool rest \(#166\)](#)
- [24" tool rest \(#1624\)](#)
- [Right-angle tool rest \(#1621\)](#)
- [Telescopic floor stand \(#2643\)](#)
- [Knockout bar \(#2644\)](#)
- [Wood lathe guard \(#25-160\)](#)
- [4 pc wood turning chisel set \(#25-210\)](#)
- [5 pc wood turning mini-chisel set \(#25-250\)](#)
- [Wood lathe duplicator \(#25-036\)](#)
- [4" - 4 jaw scroll chuck 1" -8 \(#25-105\)](#)
- [Self-centering pen drilling vise \(#70-120\)](#)