

COMMON PARTS

MAJOR DRIVE BEARINGS -

**MODELS: 1720 XM, 1720XMTC, 1720XMTC
GOLD, SHOPMASTER 2000,**

**ELDORADO BRIDGEMILL, SHOPMASTER TRI
POWER, PATRIOT AND PATRIOT**

VFD

MILL SPINDLE UPPER	TIMKEN 32006X
MILL SPINDLE LOWER	TIMKEN 32007X
MILL DRIVE PULLEY CARRIER	SKF 6008 JEM
MILL IDLER (2)	FAFNIR 9104PP
LATHE SPINDLE PULLEY END	TIMKEN 32007X
LATHE SPINDLE CHUCK END	TIMKEN 32008X
(Some early 1720 XM models use 32007X on both ends)	
LATHE IDLER PULLEY (2)	FAFNIR 9104PP

You can use these numbers to cross reference to other manufacturers.

REPLACEMENT DRIVE BELTS -

PATRIOT VFD 2011-2014

LATHE MOTOR TO SPINDLE 4L890

MILL MOTOR TO SPINDLE 4L890

MODEL: TRI POWER AND GEAR DRIVE TRI-POWER PATRIOT

LATHE MOTOR TO FIXED PULLEY (2)	3L 240
FIXED PULLEY TO IDLER	3L 250
IDLER TO SPINDLE PULLEY	3L 300
MILL MOTOR TO IDLER	3L 290
IDLER TO SPINDLE PULLEY	3L 330
POWER GEARBOX SPINDLE TO IDLER	3L 320
POWER GEARBOX IDLER TO DRIVE	3L 320

MODEL: ELDORADO BRIDGEMILL

LATHE MOTOR TO FIXED PULLEY (2)	3L 240
FIXED PULLEY TO IDLER	3L 250
IDLER TO SPINDLE PULLEY	3L 300
MILL MOTOR TO IDLER	3L 250
IDLER TO SPINDLE PULLEY	3L 300

MODEL: SHOPMASTER 2000, SHOPTASK 1720 XMTC GOLD

LATHE MOTOR TO FIXED PULLEY (2)	3L 240
FIXED PULLEY TO IDLER	3L 250
IDLER TO SPINDLE PULLEY	3L 300
MILL MOTOR TO IDLER	3L 340
MILL MOTOR TO IDLER (with Quadra lift option)	3L 460
IDLER TO SPINDLE PULLEY	3L 340

MODEL: SHOPTASK 1720 XM, 1720 XMTC

LATHE MOTOR TO IDLER PULLEY	3L 280
IDLER TO SPINDLE PULLEY	3L 320
MILL MOTOR TO IDLER	3L 320
MILL MOTOR TO IDLER (with Quadra Lift option)	3L 460
IDLER TO DRIVE SPINDLE	3L 340

Pease note: The above belt numbers are Dayton brand. You may use these to cross reference to other manufacturers. Your machine comes equipped with metric belts which are 10MM cross section. The Dayton belts are 3/8 " cross section. To convert from metric size to inch size, follow this formula- metric size divided by 2.5 equals inch size. Example 800 divided by 2.5 = 320 (3L 320)

REPLACEMENT MOTORS 1990-2009

The original 110 Volt AC motors on older machines are no longer available. There are several alternative sources. What is needed is a TEFC (Totally Enclosed Fan Cooled) motor, often referred to as a " Farm Duty" You want one with a NEMA 56 base mount or IEC 80 (original size), 1725 RPM and ability to reverse. You can search E-Bay and often find one at a reasonable price. If you want to go with an established distributor you can try the following sources:
 GRAINGER PART # 1TMY5 about 250.00 TEFC style with 5/8"shaft
 HARBOR FREIGHT # 67842 1.5HP ABOUT 150.00 Open drip proof with 7/8" shaft- best used on mill only

68288 1.0 HP ABOUT 150.00 TEFC style with 5/8" shaft

We can supply wiring diagrams for the above motors so that they work with your existing switches and cables. These

motors require 2 extra holes to be drilled in your motor mount and a 5/8- 3/4 bushing for the pulley.

REPLACEMENT MOTORS 2010-2014

Beginning in 2010 we changed to the 3 phase variable frequency drive system. These motors were either 1.5 or 2 HP depending on the machine year. They use an IED 100 mounting frame and are wired in the DELTA configuration. Replacements are available from us.