

## FLOOR PRODUCTION DUTY STEP PULLEY DRILL PRESSES

Palmgren premier line of step pulley drill presses have a wide range of speeds and are constructed throughout to form a solid base for heavy, accurate continuous use. The pulleys are long wearing aluminum alloy, fully machined and balanced.

Combined with a Gates 7M industrial V-ribbed V-belt that delivers better gripping and power with a service life of 10,000 hours. Speed changes are fast and easy – our exclusive quick change handle and motor spring plate provides consistent, proper tension from the motor to the belt and pulleys all the time. The fully enclosed machine tool spindle has a concentricity of 0.0005” at the spindle nose.

These drills can be used to perform all hole making operations – drilling, tapping, reaming, boring, spot-facing, counter-boring and chamfering in any type of material.

### OTHER STANDARD FEATURES INCLUDE:

- Built in halogen work light
- Forward & reverse switch
- Drill depth stop
- Digital depth gauge (Item #9680216)
- Digital speed display (Item #9680216)
- T-slotted table and base
- Interlocking spindle safety guard
- Electric interlock on the pulley cover
- Magnetic overload protection
- Built in tool ejector
- Chuck and arbor

Item #	9680214 Floor	9680216 Floor
<b>Electric Supply</b>		
Motor	1HP / 115V / 1PH	3HP / 230V / 3PH
<b>Drilling Capacity</b>		
Drilling capacity in steel	Ø 28 mm / 1.103"	Ø 34 mm / 1.336"
Working range	16"	22"
Quill travel	105 mm / 4.134"	160 mm / 6.299"
<b>Spindle Taper</b>		
Spindle Taper	MT3/JT3	MT4/JT3
<b>Speeds</b>		
Spindle speeds	262 - 4075 rpm	150 - 4000 rpm
Number of pulley steps	16 steps	2 x 9 steps
<b>Drilling Table</b>		
Table size L x W	340 x 360 mm / 13.386" x 14.173"	420 x 400 mm / 16.535" x 15.748"
T-slot size	14 mm / .551"	14 mm / .551"
Distance spindle - table (max.)	860 mm / 33.858"	790 mm / 31.102"
Working surface base L x W	320 x 320 mm / 12.598" x 12.598"	390 x 370 mm / 15.354" x 14.567"
Distance spindle - base (max.)	1275 mm / 50.197"	1275 mm / 50.197"
<b>Dimensions</b>		
Column diameter	92 mm / 3.622"	115 mm / 4.528"
Length	698 mm / 27.480"	918 mm / 36.142"
Width	449 mm / 17.677"	585 mm / 23.032"
Height	1721 mm / 67.776"	1895 mm / 74.606"
Net weight	140 kg / 309 lbs.	274 kg / 605 lbs.

