

## 28" VARIABLE SPEED DRILL PRESSES

Palmgren's 28" Variable Speed Gear Head Drill Press delivers full power at any speed and has the operational features to withstand continuous industrial use. These versatile, all gear driven, drill presses are ideal for precision drilling applications and continuous industrial use. The gear driven transmission is designed to deliver full power at any speed, driving the cutting tool at nearly 100% of the available motor horsepower.

### STANDARD FEATURES:

- Wide speed range with 4 different speed settings
- Spindle gear box is equipped with hardened and ground steel gears and shafts, lubricated by an internal oil pump for quiet, smooth operation
- Fully enclosed machine tool spindle with internal 4 MT mounted in precision bearings for maximum accuracy, minimizing deflection
- Front mounted control panel designed for operator convenience
- T-slotted production table and base
- Rack and pinion table raiser system
- Front mounted dial adjusted work stop
- 6" column provides maximum head, table and base support and stability
- Flood coolant system
- Maximum spindle runout of 0.0005"
- Table tilts left & right 45°

Item #	9680136	9680140
Height (inches)	86.5"	86.5"
Width (inches)	19"	19"
Depth (inches)	33.5"	33.5"
Weight (lbs)	1474	1474
Capacity Cast Iron	1-3/4"	1-3/4"
Capacity Steel	1-1/2"	1-1/2"
HP	3	3
VOLTAGE	230	460
AMPS	10	4.9
PHASE	3	3
Drive Type	Gear	Gear
Number of Speeds	8	8
Spindle Speed	105 to 1800	105 to 1800
Swing	28"	28"
Spindle Taper	MT4/JT3	MT4/JT3
Spindle Travel	6-5/8"	6-5/8"
Max. Spindle to Table	28-1/2"	28-1/2"
Max Spindle to Base	47-1/2"	47-1/2"
Quill Diameter	70mm	70mm
Column Diameter	5.9"	5.9"
Table Work Surface	21.25" x 18.5"	21.25" x 18.5"
Table Slots	3	3
Table Slot Size	14mm	14mm
Tilting Angle	0° to 90°	0° to 90°
Base Size	29.75" x 18.8"	29.75" x 18.8"

