

COMPARISON TO COMPETITORS

DRILL **Delta 18-900L
18" Laser
Drill Press** **Powermatic
PM2800 18"
Variable Speed
Drill Press** **Nova Voyager
DVR Drill
Press**

FEATURES

Motor		Heavy Duty 3/4 HP Motor (115v only)	1HP, 1Ph, 115,230V TEFC motor	1.75/2.0 HP, 110/220V DVR Motor (Direct Drive) with intelligent functions and full array of sensors will allow high speeds to achieve routing functions as well as continuous torque at lowest speeds
--------------	--	-------------------------------------	-------------------------------	---

MECHANICAL COMPARISONS

Speed Change		16 speed belt change, cumbersome with limited speed and torque	VS shiv pulley Undependable and wears belts quickly. Limited speeds and varying torque	Voyager wins on ease of change. Solid state electronics do not wear compared to pulley/belt systems. Will program speeds automatically to match materials and tooling or allows endless manual "volume knob" adjustments
Speed Range		170-3000 RPM	250-3000 RPM	50 - 5500 RPM - Widest range with best torque at low speeds
Quill Stroke		6"		6"
Swing		18"		18"
Table Size		20" x 14" - 280 sq in	20" x 14" - 280 sq in	16.5" x 16.5" - 272 sq in
Table Features		Dual tilt, slotted		Slotted tilt left and right
Column Diameter		3-1/8"	3-1/8"	3-5/8" Larger column for more stability in HD operations
Spindle to Table		22.25" (chuck)	27-3/8"	23 - 1/8"
Spindle to Base		42.5" (chuck)	46-1/4"	40.94"
Chuck		5/8"	5/8" keyless	5/8"
Net Weight		240 lbs	240 lbs	306 lbs
Depth Stop		External rod	External rod	External rod and electronic control

DVR MOTOR FEATURE CAPABILITIES

		No	No	Smart sensors interacting in a number of ways - safety, intelligence and performance
		No	No	Threading operations or slow start drilling - taking away the need for pilot holes. Anti tear out by sensing breakthrough and then easing the load. Voyager Electronic Features include: Speed selection, Slow Start, Self Start, Tapping assist, Electronic braking and Depth and speed DRO