



KY-27VS & S-24B

GEAR HEAD PRECISION DRILLING MACHINES

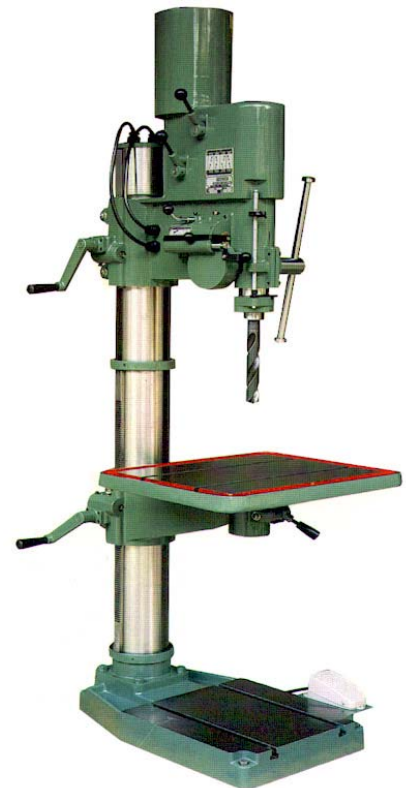


**Victor KY-27VS Drill
Variable Speeds**

- Drill Capacity: 2-5/16"
(in Cast Iron)
- Tapping Capacity: 1-3/4"
(in Cast Iron)
- Power Feed Spindle.
- Motor: 5 HP

KY-27VS DRILL FEATURES:

- Rugged construction, fine grained cast iron head and main casting
- Automatic down feeds to spindle
- Automatic stop to power feed when the pre-set drilling depth is reached
- T-Slot table and base
- Thermal type overload protection device
- Drive gear use precision gear
- Infinitely variable spindle speeds
- Centralized electrical controls, and equipped with an electric box
- Spindle speeds r.p.m. display meter
- Coolant pump built on the base
- Working lighting equipment
- Foot pedal control reversing switch for tapping



**Victor S-24B Drill
Auto 8 Speeds**

- Drill Capacity: 1-1/2"
(in Cast Iron)
- Tapping Capacity: 1-1/4"
(in Cast Iron)
- Power Feed Spindle.
- Built-In Drill Ejector.
- Motor: 1.5 HP

S-24B DRILL FEATURES:

- Gear box two speed selector levers are used to select gears
- Speed change may be made while the machine is running but not under a load
- Gear head provides compact of efficiency
- Quiet smooth drive gears providing vibration free operation
- Drill spindle is mounted in ball and roller bearings, and furnished with adjustments
- The spindle is also equipped with a return spring that is adjusted for tension
- Automatic stop to power feed when the pre-set drilling depth is reached
- Drill head and table cranks that operate the worm gear and gear racks
- Foot operated reversing device for tapping - 8 spindle speeds

SPECIFICATIONS

DESCRIPTION		KY-27VS	S-24B
Capacity	Drilling Capacity in Steel	2" (50 mm)	1-3/8" (35 mm)
	Drilling Capacity in Cast Iron	2-5/16" (60 mm)	1-1/2" (38 mm)
	Tapping in Steel	1-1/2" (38 mm)	1" (24 mm)
	Tapping in Cast Iron	1-3/4" (45mm)	1-1/4" (32mm)
	Distance Spindle Center to Column	13-3/4" (350 mm)	12" (300 mm)
	Distance Spindle to Base	48-13/16" (1,240 mm)	47" (1,190 mm)
	Distance (max) spindle to Table	30-11/16" (780 mm)	32-1/4" (820 mm)
	Diameter of Column	6-3/8 (160 mm)	5-1/2" (140 mm)
Spindle	Morse Table	M.T.#4	M.T.#4
	Travel	7-1/2" (190 mm)	6-5/8" (168 mm)
	Range of Automatic Down Feeds Per Revolution of Spindle	0.00354", 0.0063", 0.011" (0.09 mm, 0.16 mm, 0.28 mm) 3 steps	0.004", 0.007" (0.1 mm, 0.18 mm)
	Spindle Speeds RPM Range (60 Hz)	100 ~ 1,000 (infinitely variable)	80 ~ 950 (8 Steps)
Table	Working Area	23-5/8" X 17-11/16" (600 mm X 450 mm)	19" X 15" (480 mm X 380 mm)
	Table Rotation on the Arm	360 °	360 °
	Table Rotation on the Column	360 °	360 °
Base	Working Area	34-1/4"X20" (870 mm X 510 mm)	15-3/4" X 16-1/4" (400 mm X 415 mm)
Motor	Spindle Drive	5 HP (3.75 Kw)	1-1/2 HP
	Coolant Pump	1/8 HP	1/8 HP
Dimension	Overall Height (Unpacked)	78" (1,980 mm)	82" (2,090 mm)
Weight	Net Weight	1,540 Lbs. (700 KGS)	660 Lbs. (300 KGS)
	Gross Weight	1,650 Lbs. (750 KGS)	860 Lbs. (390 KGS)
Packing Dimension	Wooden Case Only	43" X 33-1/2" X 85" (1,100 X 850 X 2,160 mm)	34" X 34" X 84" (865 X 865 X 2,140 mm)

• Specifications are subject to change without notice for further design improvements.



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