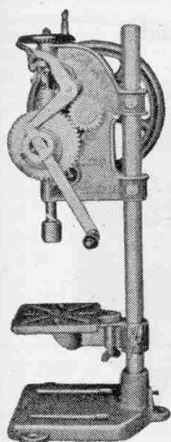
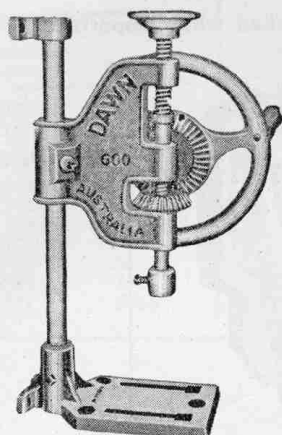


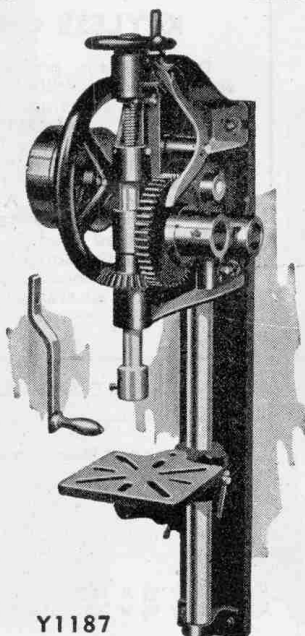
"DAWN" BENCH AND POST DRILLS



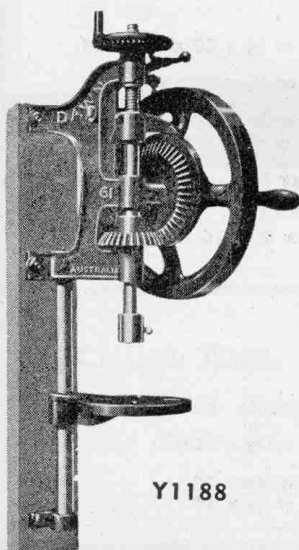
Y1185



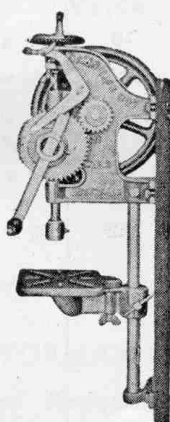
Y1186



Y1187



Y1188



Y1189
No. 611 Post Type

"DAWN" Post and Bench Drills are extra well made machines, carefully fitted, cogs fully meshed.

All steel spindles, run in accurately reamed bearings.

Strong heavy ribbed body, supported by solid steel pillar.

Special attention is drawn to the improved "DAWN" coupler which connects the main spindle to the feed screw, giving full circumference support instead of small pin one side only.

Y1185—"DAWN" BALL-BEARING BENCH DRILL No. 611

Ball bearing thrust.

Machine fitted with pulleys for belt drive, if desired.

Chuck bore for 1/2 inch straight shank drills.

Fitted with slotted base for bolting to bench.

Specifications:

Drills to centre 12 in. cir.	Run of table	11 in.
Drills holes up to 1¼ in.	Dia. of spindle	7⁄8 in.
Run of feed 3 in.	Dia. of pillar	1 1⁄8 in.
Weight packed: 106 lbs.		

Y1186—"DAWN" COMBINED BENCH AND POST DRILL, No. 600

This machine is designed for either bench or post use, particularly sturdy of construction and admirably suited for the home workshop, both in efficiency and price. The head has radial and vertical adjustment, and gives a maximum clearance of 10 in. between the base and end of spindle.

Specifications:

Drills to centre 9 in. cir.	Height of pillar	20 in.	
Drills holes up to $\frac{3}{4}$ in.	Dimension of base		
Run of feed	2 in.	7 in. x 5 in.	
Dia. of spindle	$\frac{3}{4}$ in.	Weight	29 lbs.
Dia. of pillar	1 in.		

(Adaptor for square shank drills, extra.)

Y1187—"DAWN" BALL-BEARING POST DRILL No. 616

A heavier type of machine, geared for two speeds.

Specifications:

Drills to centre 16 in. cir.	Run of table	15 in.
Drills holes up to 1 1/2 in.	Dia. of spindle	1 1/8 in.
Run of feed 3 1/2 in.	Dia. of pillar	1 1/2 in.
Weight packed: 126 lbs.		

Y1188—"DAWN" BALL-BEARING POST DRILL No. 61

This is a well constructed, light type drilling machine, fitted with adjustable automatic feed. The main spindle assembly is identical with that of the "Dawn" No. 611, featuring the "Improved Dawn Coupler and Ball Bearing Thrust". The Flywheel is of particularly heavy design, to maintain momentum.

Specifications:

Drills to centre 12 in. cir.	Run of table	11 in.
Drills holes up to .. 1¼ in.	Dia. of Spindle	7/8 in.
Run of feed 3 in.	Dia. of Pillar	1 in.
Total weight, 51 lbs.		

Y1189—"DAWN" BALL-BEARING POST DRILL No. 611

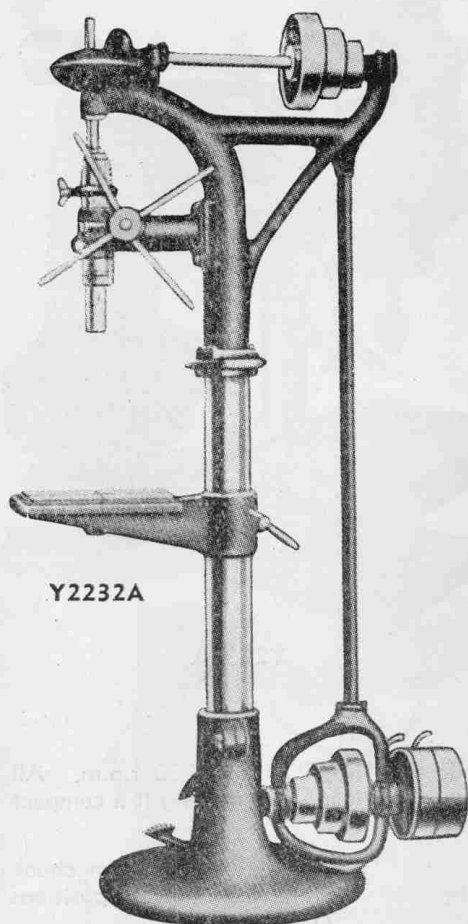
Specifications same as No. 611 Bench Drill (see above).

Weight packed, 96 lbs.

611A with Pulleys.

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DRILLING MACHINES



Y2232A

Y2232A—No. 2 HIGH-SPEED DRILLING MACHINE

Capacity	1"
Distance of centre spindle to column	14"
Drilling depth	5½"
Maximum distance between spindle and table	28"
Size of table measured inside water channels	12" dia.
Number of drilling speeds	3
H.P. required	¾
R.P.M. of fast and loose pulleys	400
R.P.M. of spindle	170-680

Y2233—17 in. DRILL PRESS

A highly adaptable machine of proved performance in many types of production work. Modern design and high-grade workmanship.

Can be supplied in single spindles for either floor or bench work, or in groups of any number.

Y2233A—17 in. DRILL PRESS

Surface of table	20 x 25 in.
Distance between spindles	15 in.

Can be supplied in single spindles for either floor or bench work, or in groups of any number.

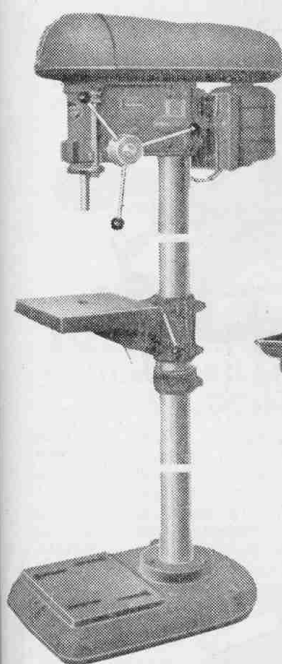
Heads are interchangeable, thus allowing either high speed or low speed heads to be used together.

Y2235—"HERCUS" 22 in. UPRIGHT DRILLING MACHINE

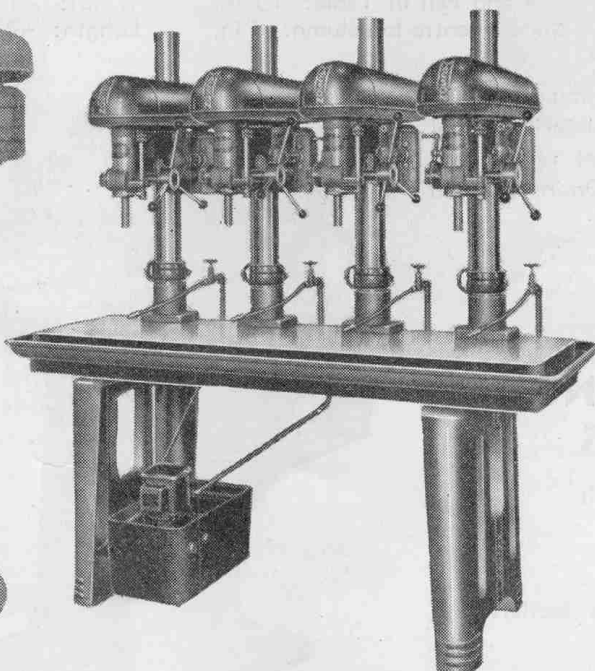
Available with motor drive or with belt drive as illustrated.

Drills to centre of circle, dia.	22 in.
Max. distance, spindle to table	27 in.
Spindle travel	8 in.
Diameter of table	16½ in.
Height overall	75½ in.

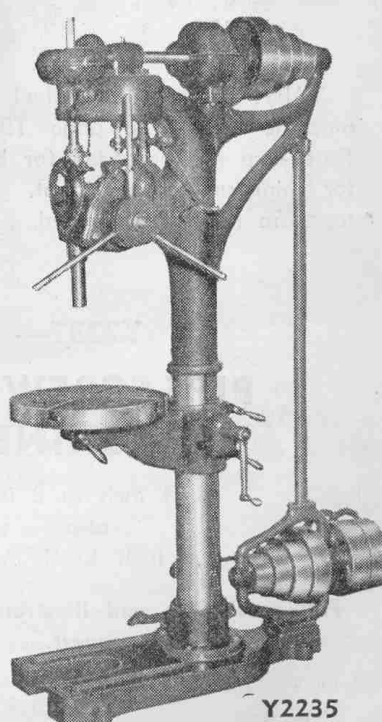
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Y2233



Y2223A



Y2235