

the new Delta

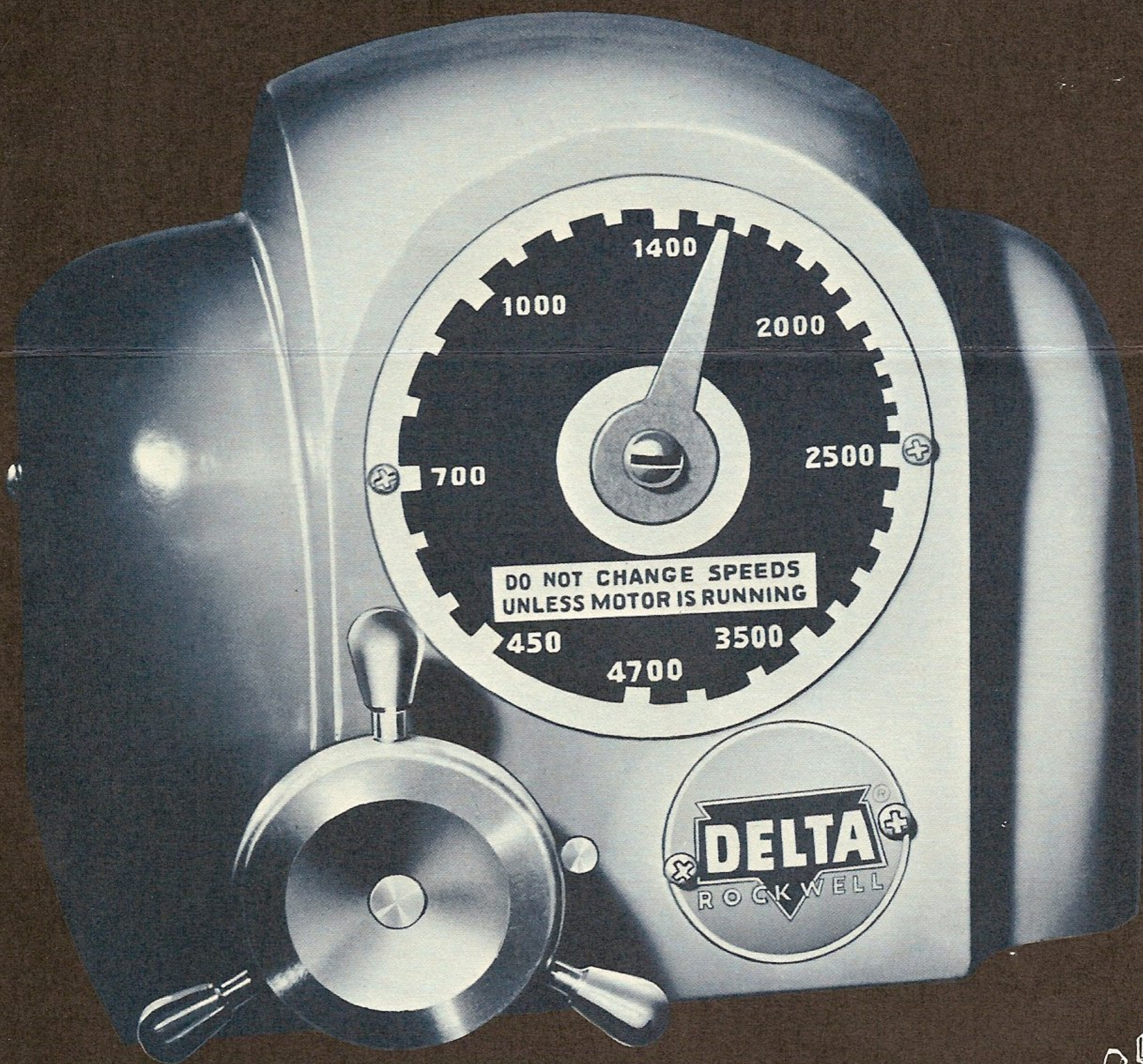
15" variable speed
drill press *with* EXCLUSIVE

STABILIZER-CONTROLLED

SPEED CHANGES

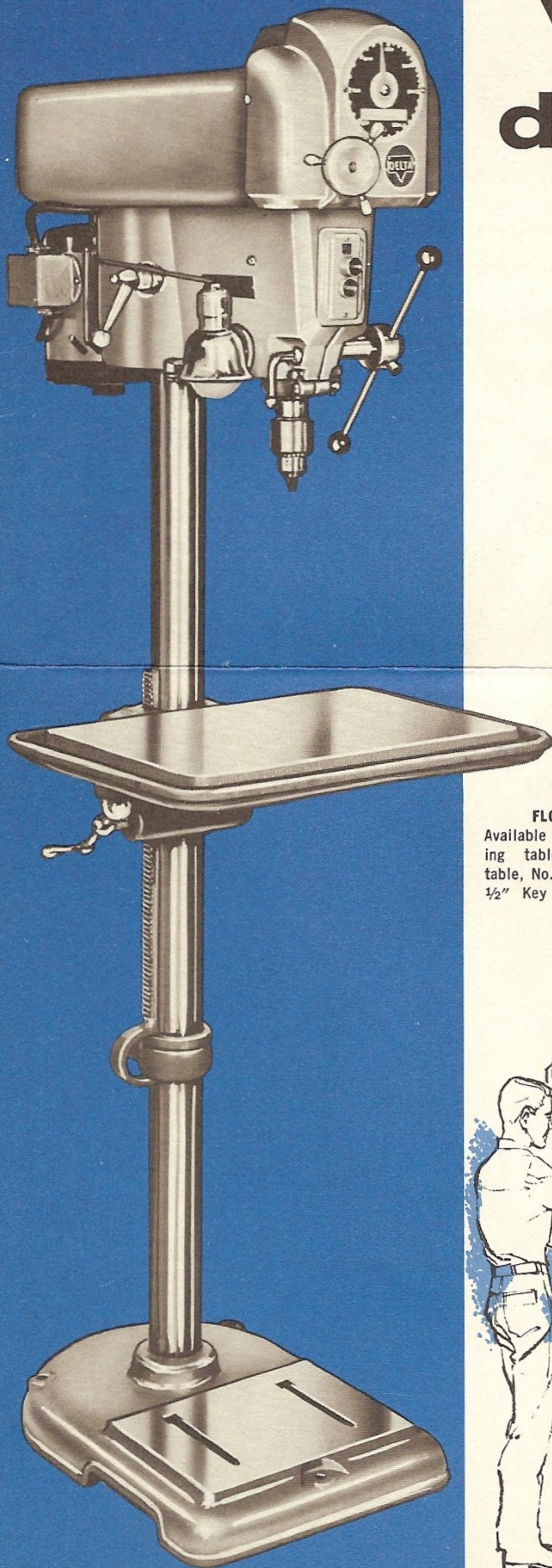
Here's what this
NEW drive principle
makes possible...

- ★ Widest variable speed range.
- ★ Positive speed changing control.
- ★ Better operating performance.
- ★ Lower operating cost.
- + many other advantages...

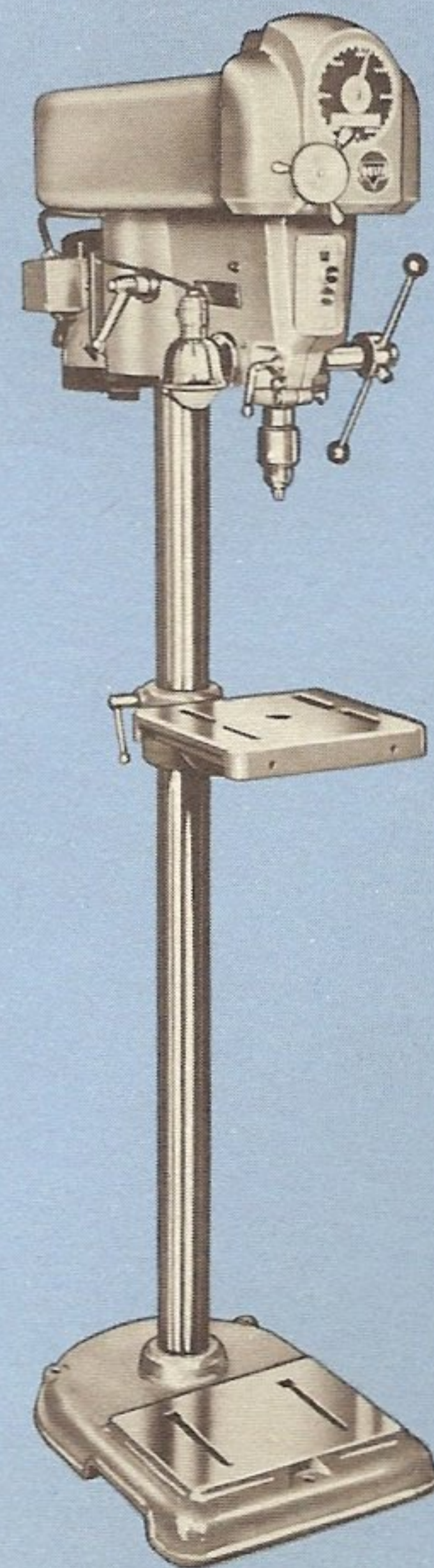
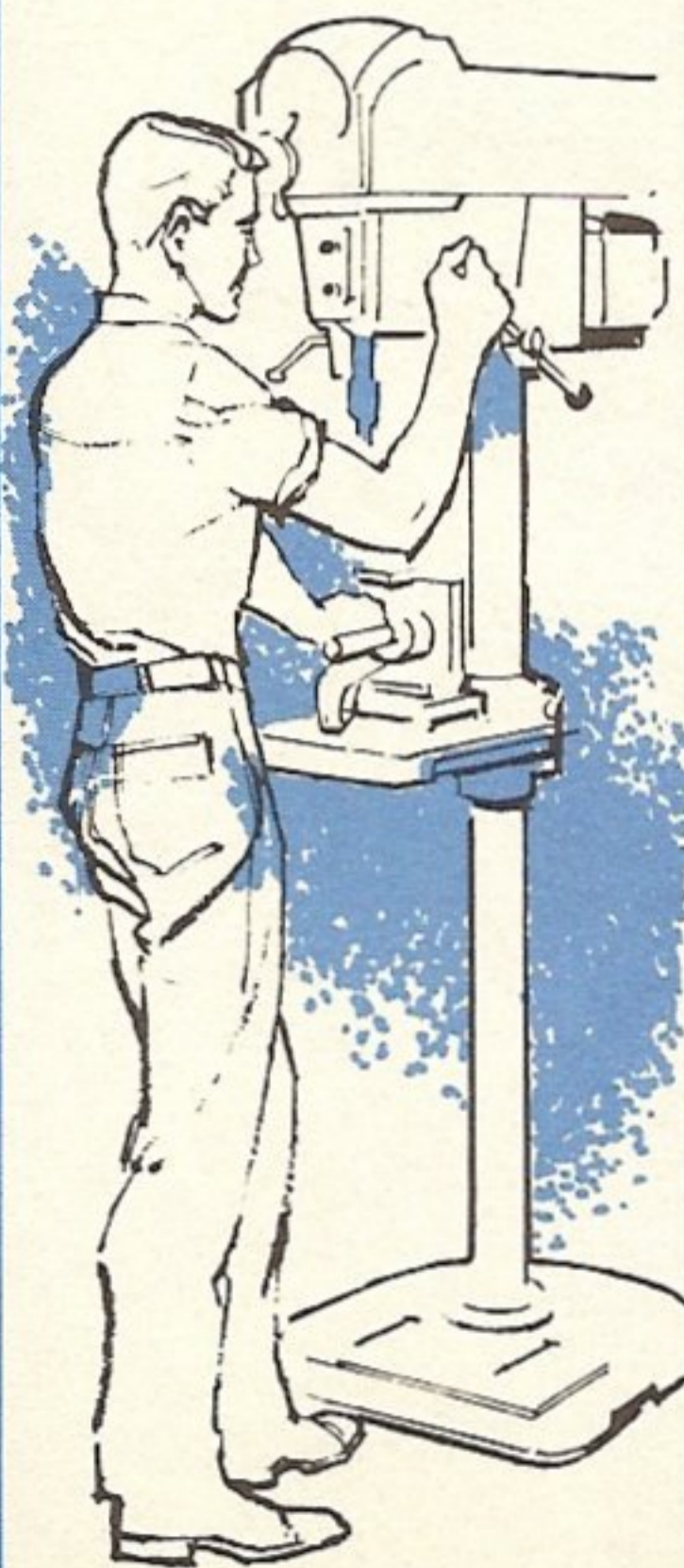


Now! a variable speed drill press that offers

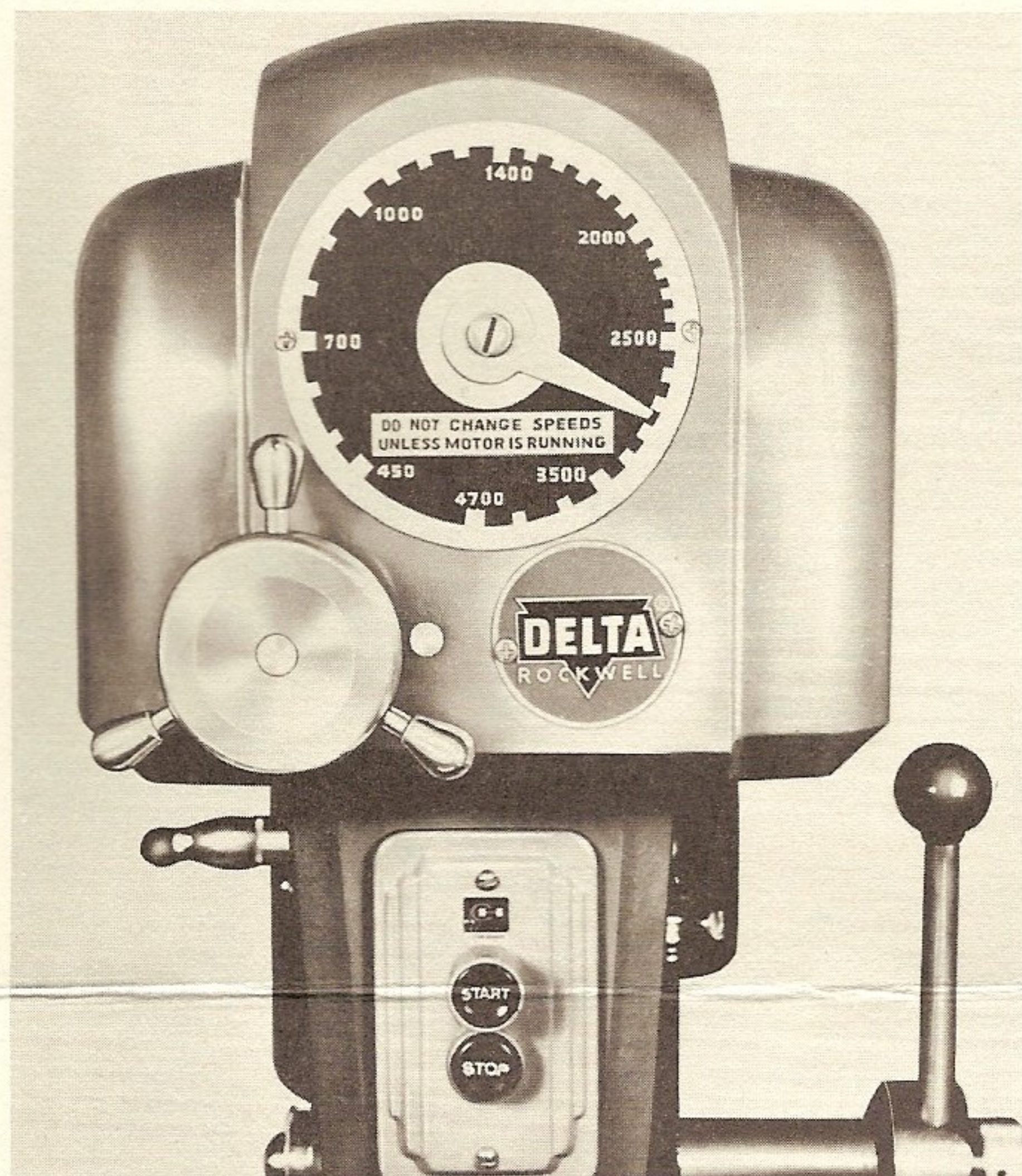
**EXTRA SPEEDS!
GREATER EFFICIENCY!
MORE CONVENIENCE!**



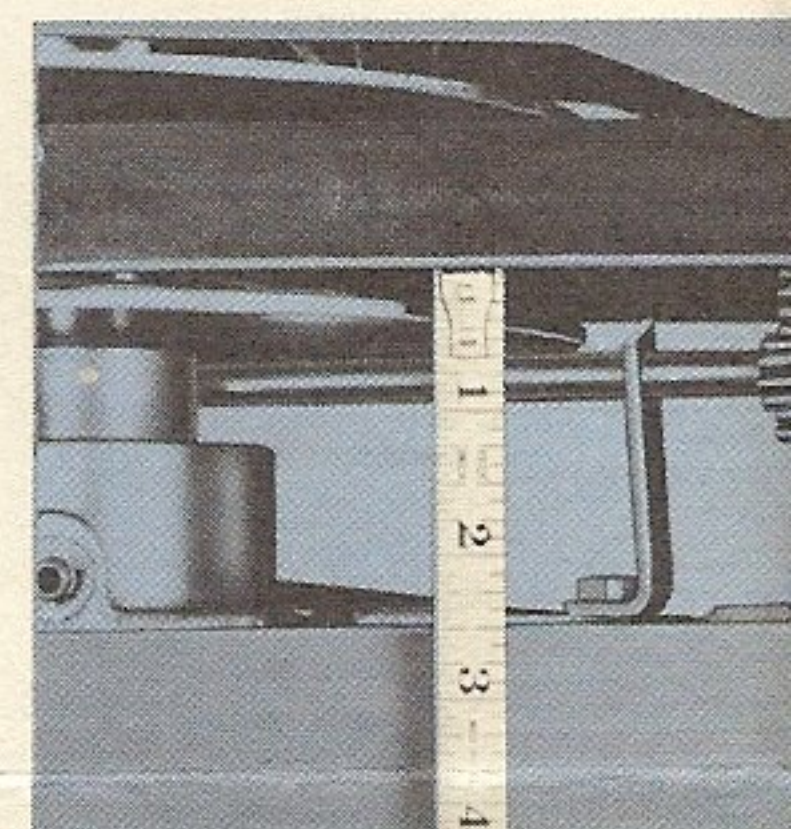
FLOOR MODELS
Available with standard tilt-
ing table or production
table, No. 2 Morse Taper or
1/2" Key Chuck Spindle.



These modern features prove DELTA'S ^{variable} speed Drill Press SUPERIORITY!

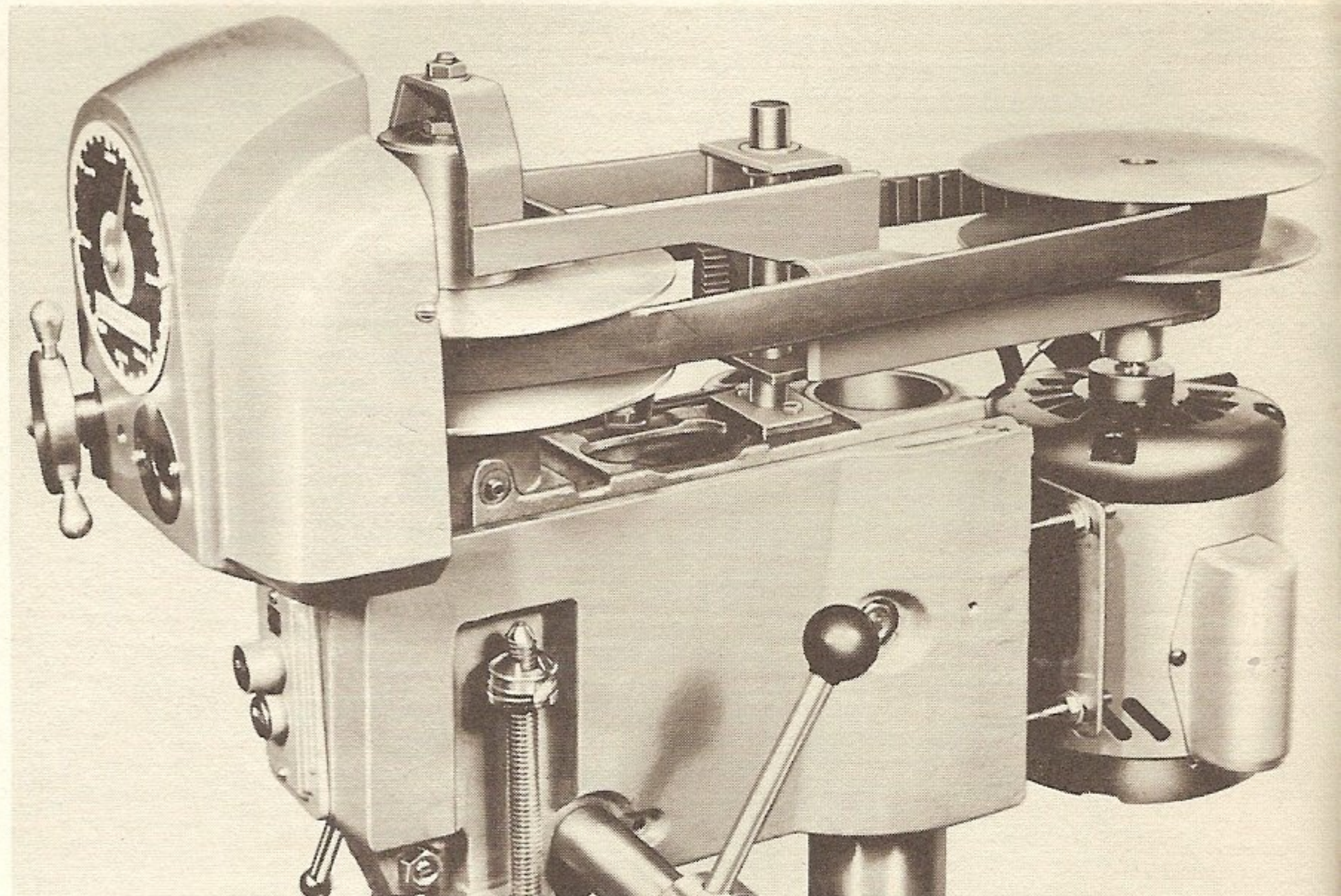
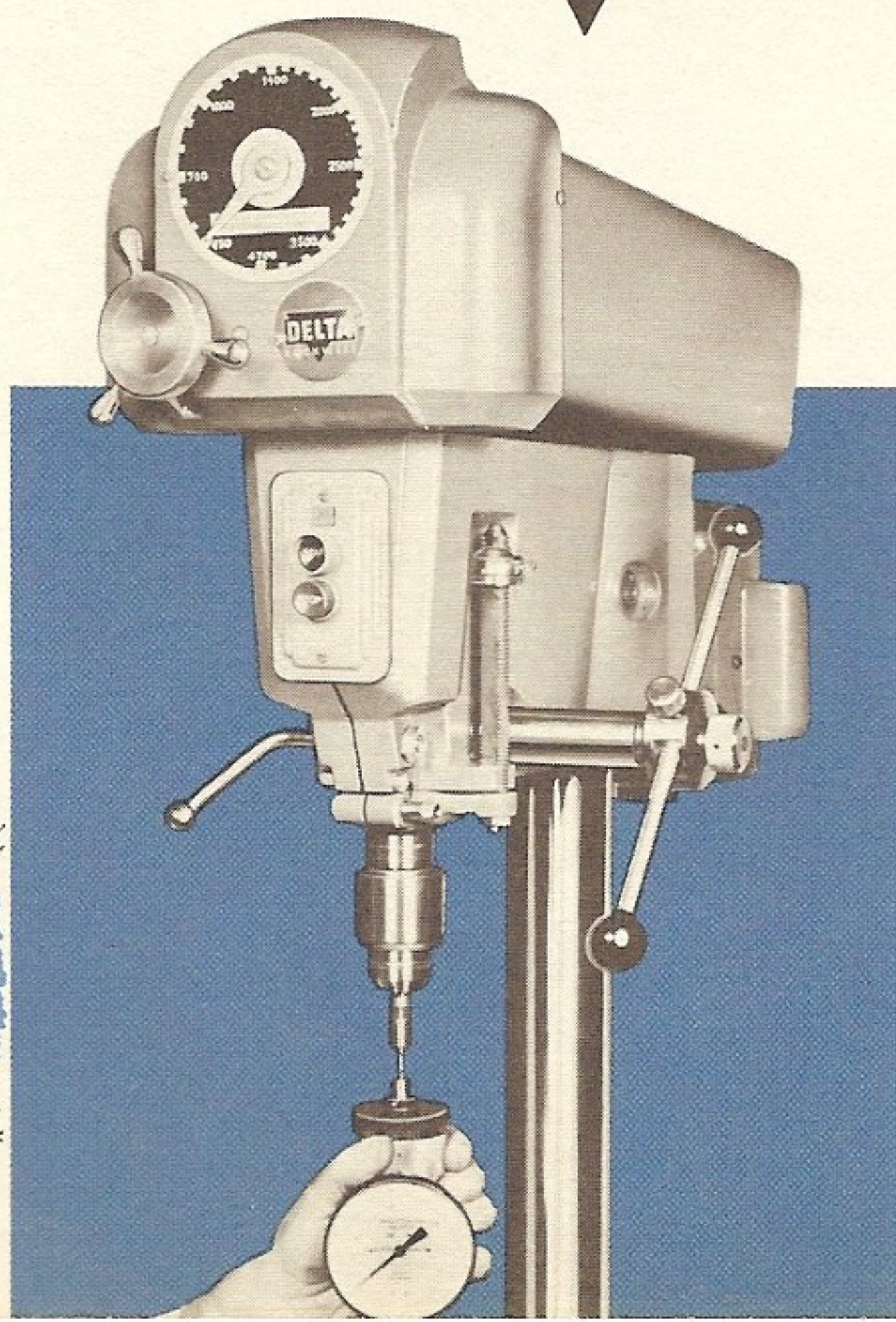


- ① WIDEST TEST-PROVEN SPEED RANGE
- ② "STABILIZER-CONTROLLED" SPEED CHANGES
- ③ 25 to 28% GREATER POWER TRANSMISSION EFFICIENCY
- ④ BEST BEARING CONSTRUCTION AVAILABLE
- ⑤ EXCLUSIVE UNIVERSAL HAND FEED

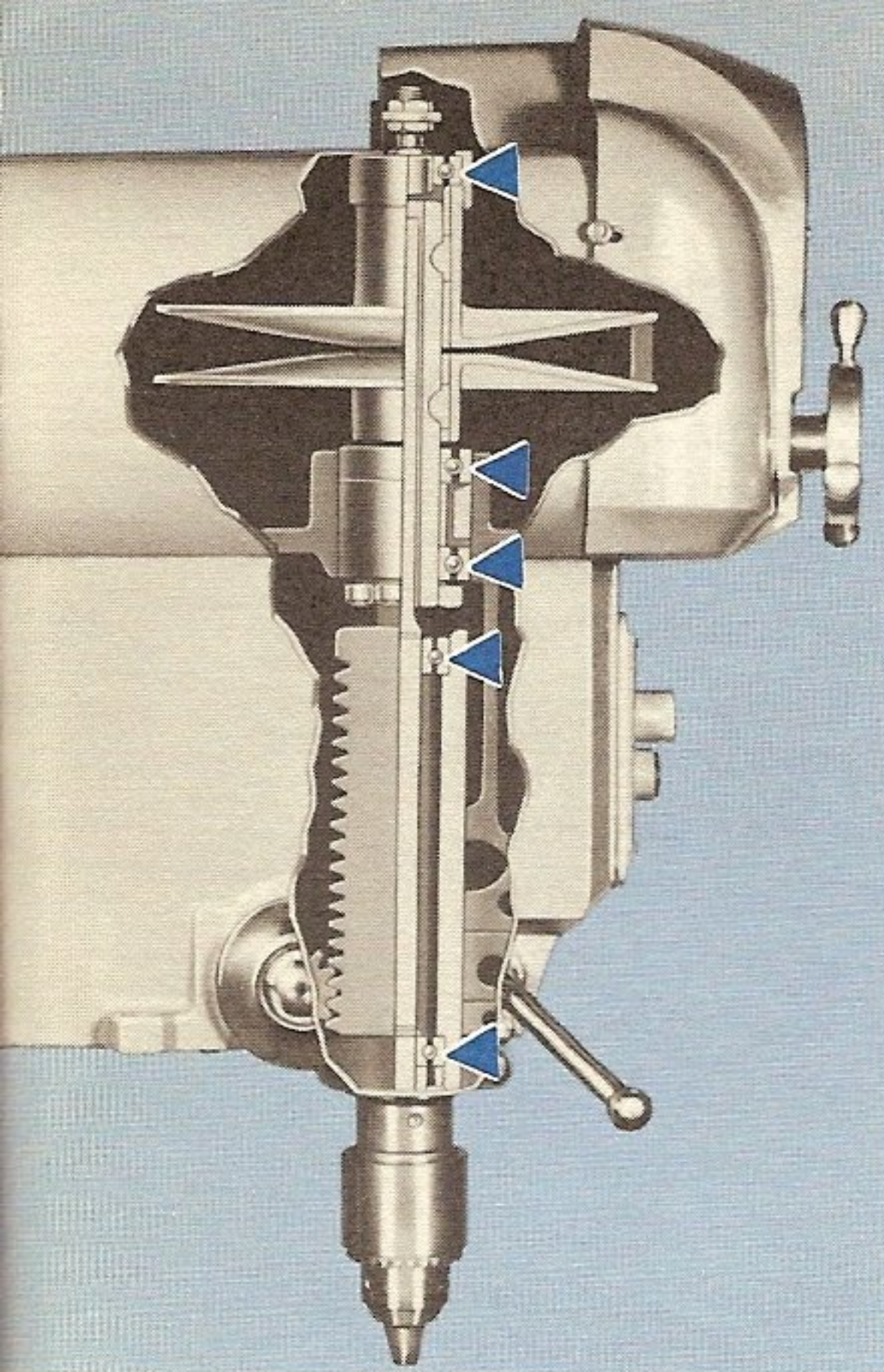


① Large, easily-read dial permits quick speed selection. Convenient speed changing pilot wheel adjusts freely with **only one hand**, yet speed settings remain **constant**, even under heavy load. ▲

You get a bonus of **extra speeds** in both the high and the low range. **Only Rockwell** gives you a tremendous speed range of 450 to 4700 rpm — more than a 10 to 1 ratio — **proven by actual test**. ▼



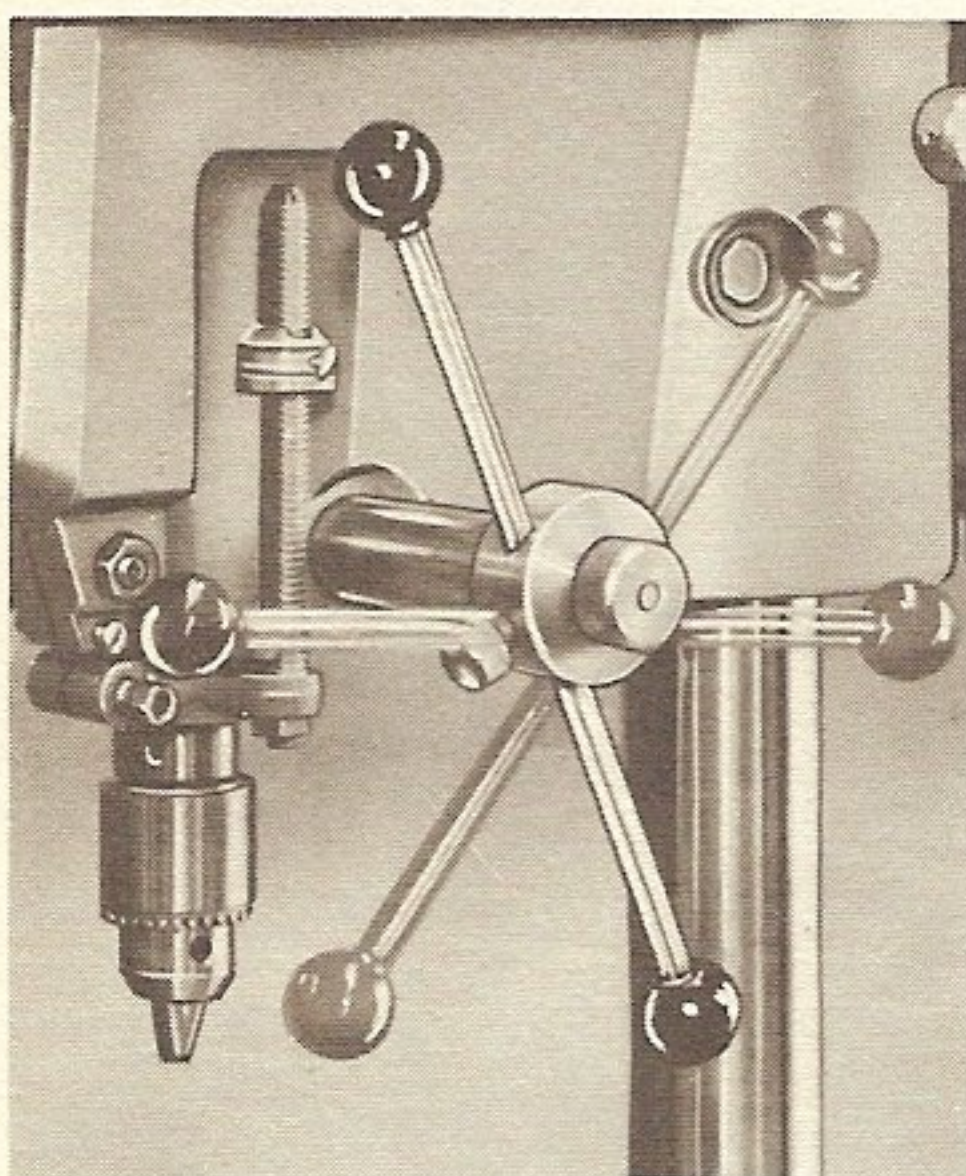
② Delta's new, specially designed STABILIZER eliminates the "power-robbing" pulley spring. With its new principle of design, the stabilizer provides **positive speed changing control** of both spindle and motor pulleys. Thus, the system provides constant belt tension and avoids belt slippage at all speeds. Pulley speed settings remain constant under all load conditions.



4 Five over-sized, lubricated-for-life ball bearings support the spindle and spindle pulley. Notice the extra outboard bearing above the spindle pulley for extra stability and smoother operation.



3 Delta's unique STABILIZER design assures perfect belt alignment at all speeds, not just in the mid-range. With the belt and pulleys operating in an absolutely level plane, you get 25 to 28% higher power transmission efficiency—1/2 HP motor does the work of a 3/4 HP motor required with spring-type drives.



5 Only Delta combines the best features of the pilot wheel and single lever feeds with a unique Universal hand feed. This new feed permits positioning of the feed lever anywhere around a complete circle for less operator fatigue . . . freedom from striking table or fixtures . . . adjustable handle leverage for heavy drilling or light work.

CATALOG LISTING

DELTA 15" VARIABLE SPEED DRILL PRESS SINGLE SPINDLE MODELS

Standard Tilting Table—Bench Model	Standard Tilting Table—Floor Model	Production Table—Floor Model	Production Table—Bench Model—14 x 16" Table	Head Only
15-241 Single Phase #2 Morse Taper Spindle Ship. Wt. 171	15-141 Single Phase #2 Morse Taper Spindle Ship. Wt. 210	15-151 Single Phase *†#2 Morse Taper Spindle Ship. Wt. 259	15-341 Single Phase ‡**#2 Morse Taper Spindle Ship. Wt. 251	15-041 Single Phase #2 Morse Taper Spindle Ship. Wt. 98
15-242 Three Phase #2 Morse Taper Spindle Ship. Wt. 167	15-142 Three Phase #2 Morse Taper Spindle Ship. Wt. 206	15-152 Three Phase *†#2 Morse Taper Spindle Ship. Wt. 255	15-342 Three Phase ‡**#2 Morse Taper Spindle Ship. Wt. 247	15-042 Three Phase #2 Morse Taper Spindle Ship. Wt. 94
15-246 Single Phase 1/2" Key Chuck Spindle Ship. Wt. 171	15-146 Single Phase 1/2" Key Chuck Spindle Ship. Wt. 210	15-156 Single Phase *†1/2" Key Chuck Spindle Ship. Wt. 259	15-346 Single Phase ‡**1/2" Key Chuck Spindle Ship. Wt. 251	15-046 Single Phase 1/2" Key Chuck Spindle Ship. Wt. 98
15-247 Three Phase 1/2" Key Chuck Spindle Ship. Wt. 167	15-147 Three Phase 1/2" Key Chuck Spindle Ship. Wt. 206	15-157 Three Phase *†1/2" Key Chuck Spindle Ship. Wt. 255	15-347 Three Phase ‡**1/2" Key Chuck Spindle Ship. Wt. 247	15-047 Three Phase 1/2" Key Chuck Spindle Ship. Wt. 94

1/2 hp motor and push button switch are mounted and wired. Manual or magnetic starter and mounting bracket (not factory mounted) should be ordered separately when desired.

†Includes No. 1008 Table Raising Mechanism.

*1 1/2" coolant trough with two 3/8" pipe tap at rear.

**1 1/2" coolant trough with two 3/4" pipe tap at rear.

‡Counter balance for raising and lowering head is included.

MULTIPLE SPINDLE MODELS

No. of Spindles		#2 Morse Taper Spindle	1/2" Key Chuck Spindle
2 spindle— 3/4" Pipe Tap at rear		15-440 Ship. Wt. 414	15-445 Ship. Wt. 414
3 spindle— 3/4" Pipe Tap at rear		15-450 Ship. Wt. 852	15-455 Ship. Wt. 852
4 spindle— 3/4" Pipe Tap at rear		15-460 Ship. Wt. 1020	15-465 Ship. Wt. 1020
5 spindle— Two 3/4" Pipe Taps at Ends		15-540 Ship. Wt. 1304	15-545 Ship. Wt. 1304
6 spindle— Two 3/4" Pipe Taps at Ends		15-550 Ship. Wt. 1750	15-555 Ship. Wt. 1750
8 spindle— Two 3/4" Pipe Taps at Ends		15-560 Ship. Wt. 1970	15-565 Ship. Wt. 1970

1/2 hp motors and push button switches are factory mounted and wired but are not included in above catalog numbers. Select the motors and push button switches, below, and order with the multiple spindle drill press. Manual or magnetic starters and mounting bracket (not factory mounted) should also be ordered separately, when desired.

Six and eight spindle drill presses have three legs, all other multiple spindle units have two legs. Multiple spindle tables have 1 1/2" coolant trough all around. Working surface is 32" from floor. Spindle to table maximum with No. 2 Morse taper is 20-13/16", with Key Chuck (jaws closed). 21 3/4". Counter-balances for raising and lowering heads are included.

MOTORS AND MOTOR CONTROLS

FOR SINGLE PHASE OPERATION

Motor, 1/2 HP, capacitor start, 115/230V, 60 cy, AC, 1725 rpm. Includes on-and-off switch, 115V 8-foot cord, 3-prong grounding type plug and adapter. 39 lbs. **CAT. NO. 62-680**

Push Button Switch. Includes 4-wire cable, wiring diagram and everything needed for use with No. 62-680 motor. Also may be used with DC motors. 1 1/4 lbs. **CAT. NO. 15-811**

FOR THREE PHASE OPERATION

Motor, 1/2 HP, 208-220/440V, 50/60 cy, AC, 1425/1725 rpm. Without switch or power cord. 31 lbs. **CAT. NO. 66-340**

Switch, Overload. Used with No. 15-813 switch. Easy to mount with No. 49-318 mounting bracket. Specify motor number and voltage when ordering. 3 lbs. **CAT. NO. 49-365**

Starter, Magnetic. For 60 cy, 208-220V only. Provides low-voltage, no-voltage and overload protection. Used with No. 15-812 switch. Easy to mount with No. 49-318 mounting bracket. Specify motor number when ordering. 6 lbs. **CAT. NO. 49-396**

Starter, Magnetic. For 60 cy, 440V only. Provides low-voltage, no-voltage and overload protection. Used with No. 15-812 switch. Easy to mount with No. 49-318 mounting bracket. Specify motor number when ordering. 6 lbs. **CAT. NO. 49-397**

Push Button Magnetic Control Switch. Includes 3-wire cable, wiring diagram, and everything needed for use with motor No. 66-340 and magnetic starter No. 49-396 or 49-397. 1 lb. **CAT. NO. 15-812**

Push Button Manual Control Switch. Includes two 3-wire cables, wiring diagram, and everything needed for use with motor No. 66-340 and No. 49-365 overload switch. 1 3/4 lbs. **CAT. NO. 15-813**

Mounting Bracket for motor controls. Used with Nos. 49-365, 49-396, and 49-397. 3 lbs. **CAT. NO. 49-318**

See Your Delta Industrial Distributor for Accessories, Coolant Equipment, Tables and Legs.

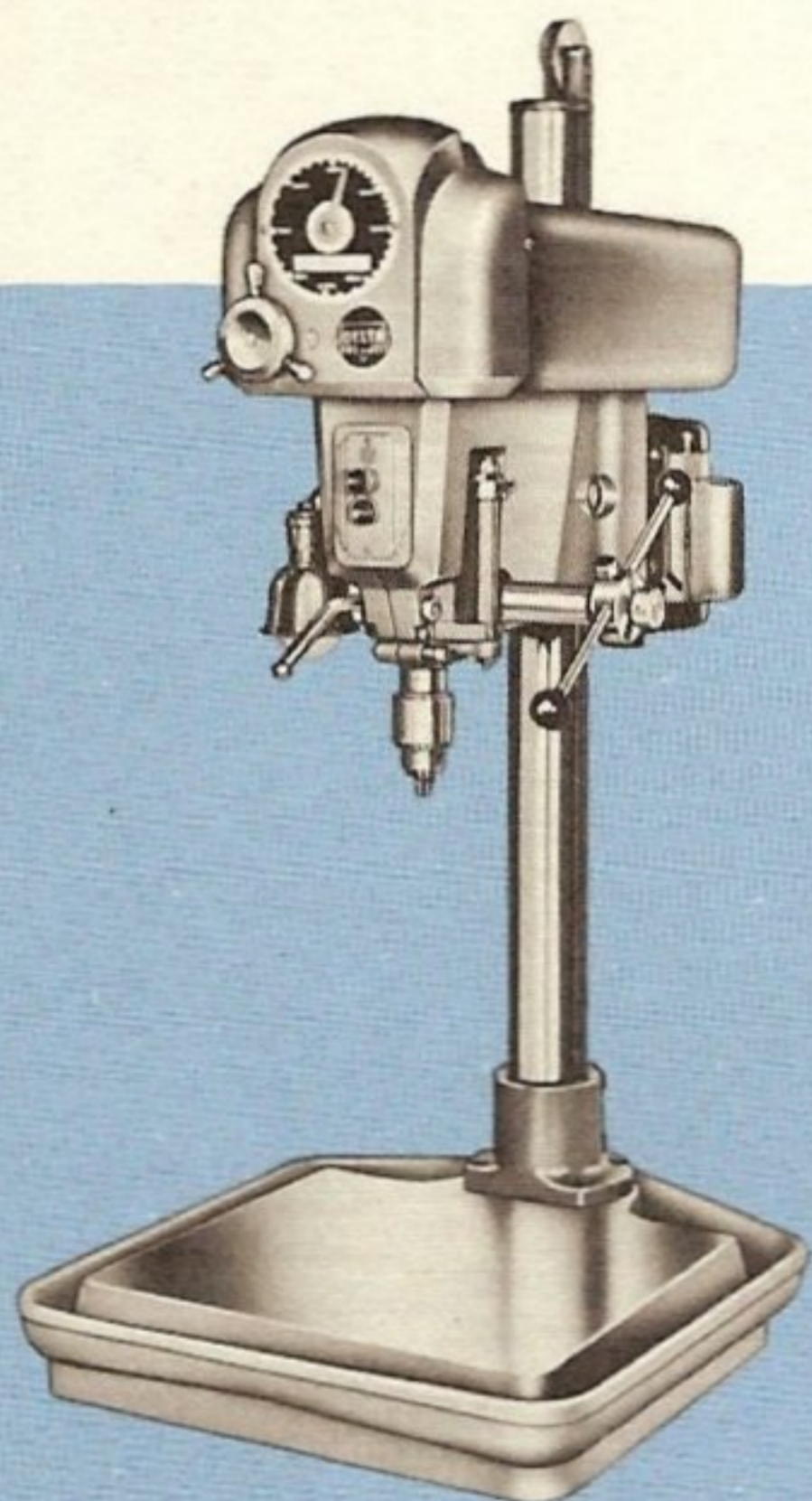
23 YEARS AGO DELTA introduced the first variable speed drive on stationary power tools. Since that historic date, variable speed drives have become an accepted standard in industry, commercial shops and schools. Why? They are safer because the belt and pulleys remain fully guarded during speed changes. They are more convenient because there is no need to stop the motor to change speeds. They produce superior work because the exact speed is selected according to size of hole, type of cutting tool, kind of material and quality of finish required.

NOW! . . . Delta introduces another FIRST!—Variable Speed Drive with "Stabilizer Control".

This new design consists of a stabilizer bar carried on bearings in a vertical movement which positively controls the opening and closing of the moveable halves of both pulleys. The system provides perfect belt alignment at all speeds with constant belt tension.

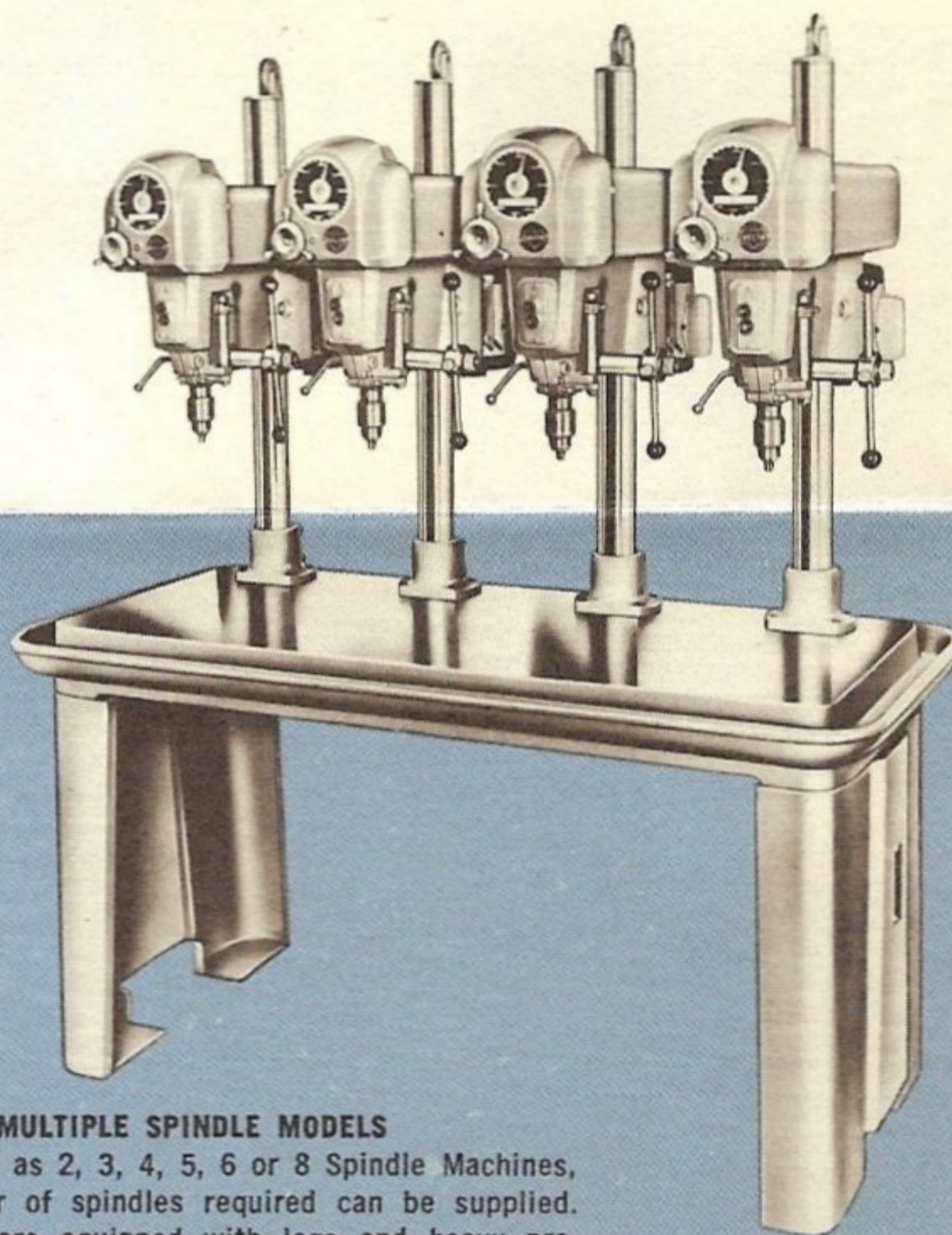
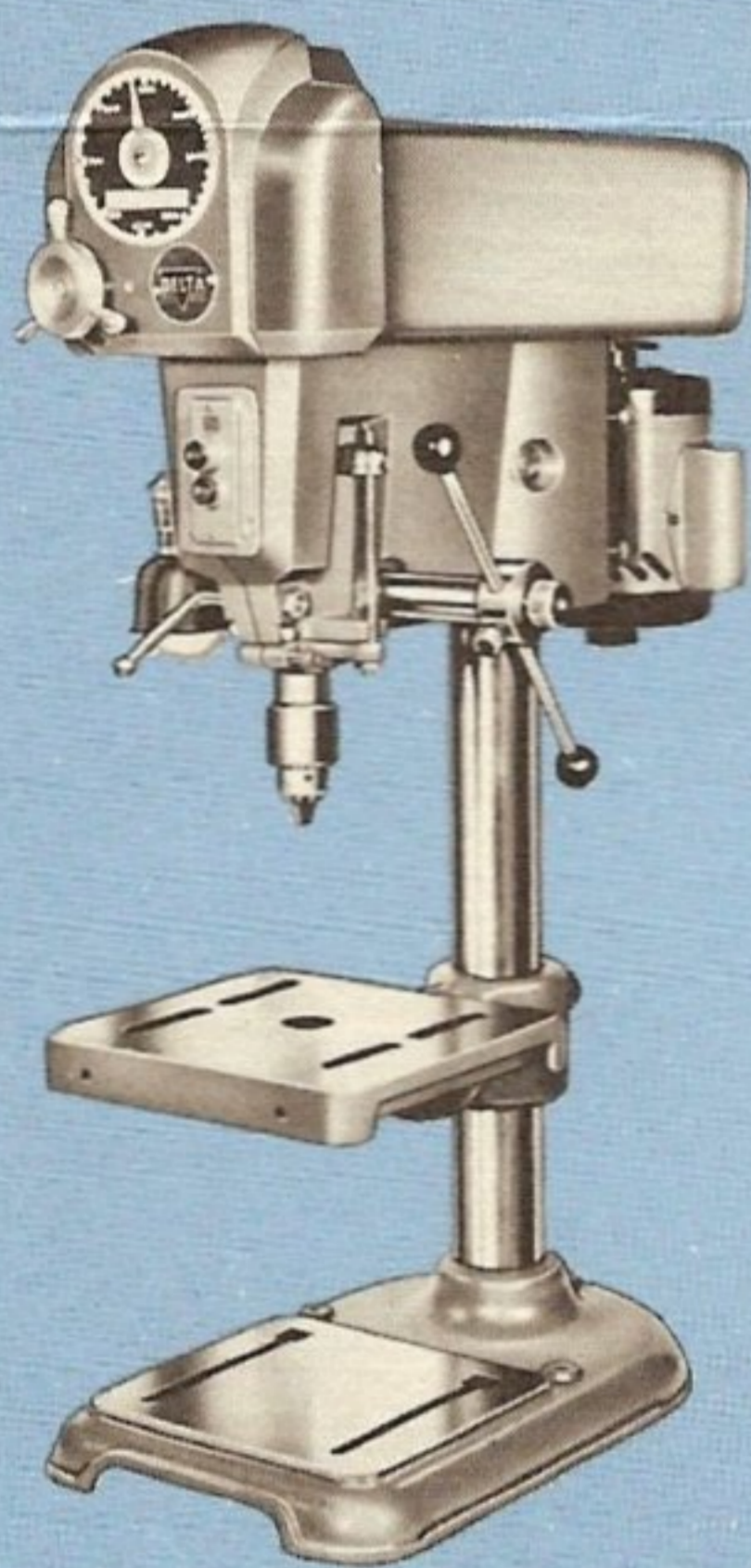
To fully appreciate the merits of this NEW ACHIEVEMENT IN VARIABLE SPEED DRIVES, you have to see it in action.

Why not ask for a free demonstration today!



BENCH MODELS

Available with No. 2 Morse Taper or 1/2" Key Chuck Spindle, standard tilting table or production table and head counter-balance.



MULTIPLE SPINDLE MODELS

Are catalogued as 2, 3, 4, 5, 6 or 8 Spindle Machines, or any number of spindles required can be supplied. All machines are equipped with legs and heavy production type tables, with a choice of No. 2 Morse Taper or 1/2" Key Chuck Spindles on any head.

SPECIFICATIONS

Overall Dimensions:

Bench Type
Height 39 7/8" Width 13 3/8" Front to rear 26"

Floor Type
Height 70 7/8" Width (Standard Table) 15 1/2" (Production Table) 21 1/2"
Front to Rear 26"

Table Working Surface:
Tilting 10 x 10 1/2"; Production 12 x 18"

Base Working Surface:
Bench Type 9 x 10"; Floor Type 8 1/2 x 12"

Quill
Stroke 4-5/16"; Diameter 2"

Capacities:
Key Chuck 0-1/2"; Dia. Hole in Cast Iron 1/2"; Dia. Hole in Steel 3/8"
Spindle Nose to Table, Maximum
Bench Model with Tilt Table 10 7/8"
Bench Model with Production Table 21 3/4"
Floor Model with Tilt Table 41-11/16"
Floor Model with Production Table 36-7/16"

Spindle Nose to Base, Maximum
Bench Model with Tilt Table 16 3/8"
Floor Models 46 5/8"

Spindle Speeds (with 1725 rpm Motor)
Infinite choice 450 to 4700 rpm

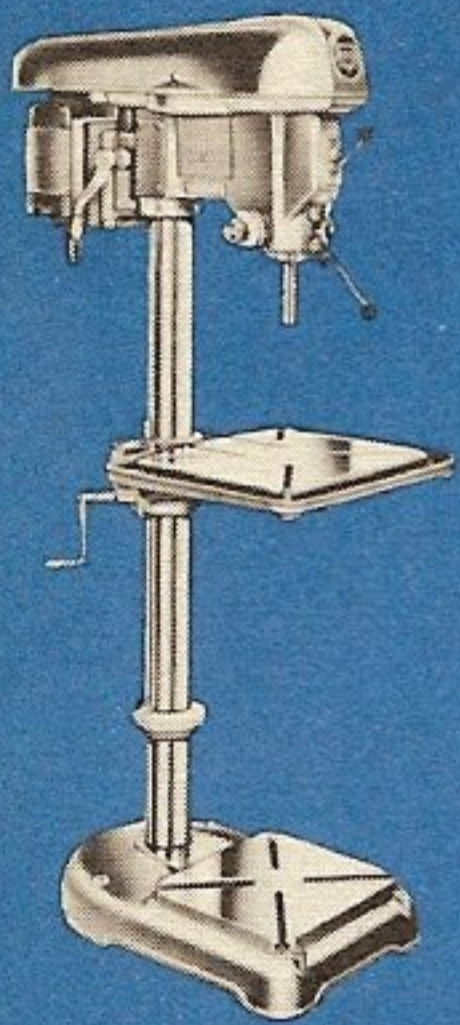
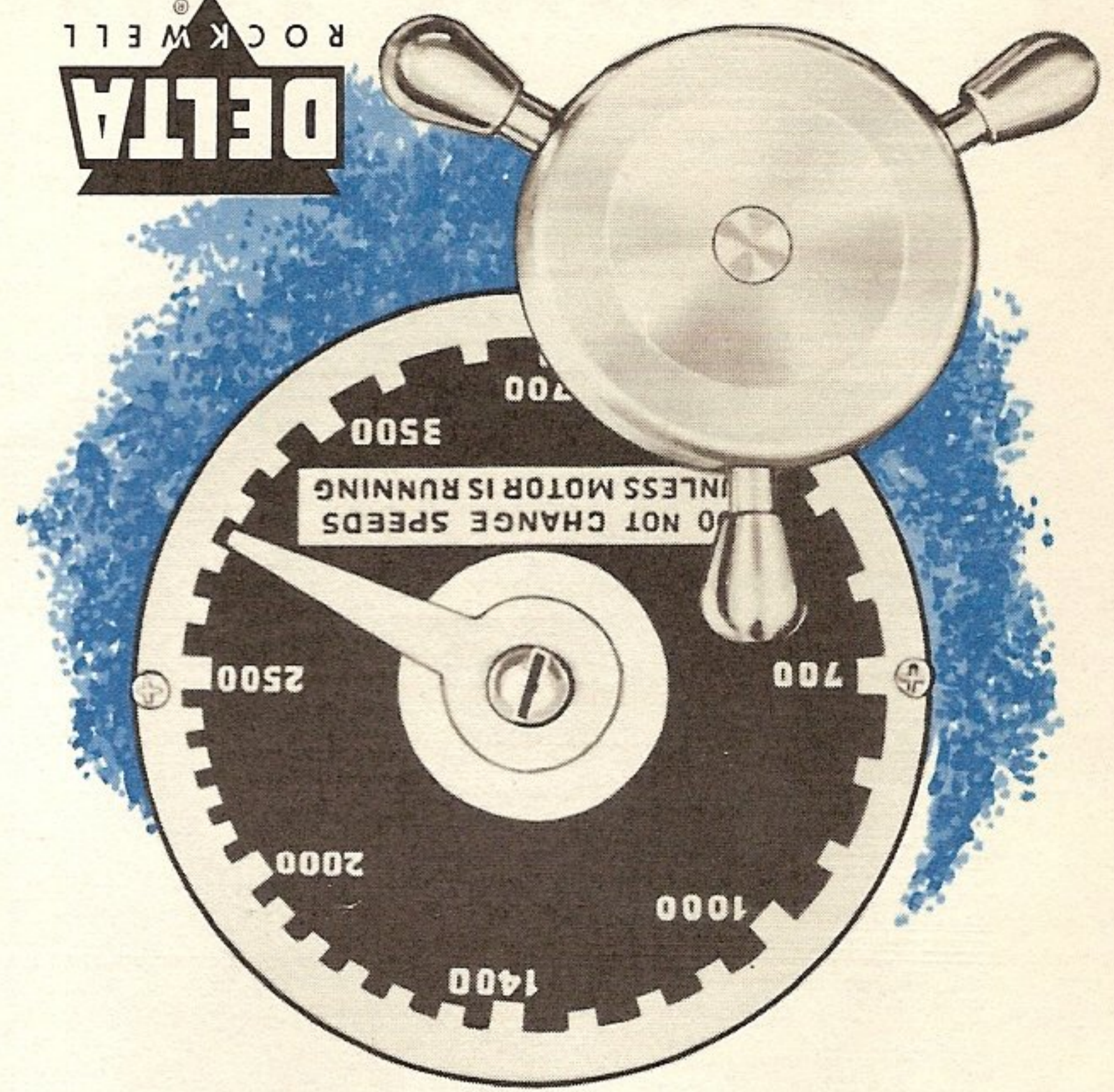
Column Diameter 2 3/4"

Motor Plate Accommodates NEMA Frame 56 Motor



NEW ACHIEVEMENT IN DRIVE PRINCIPLES

INTRODUCES A

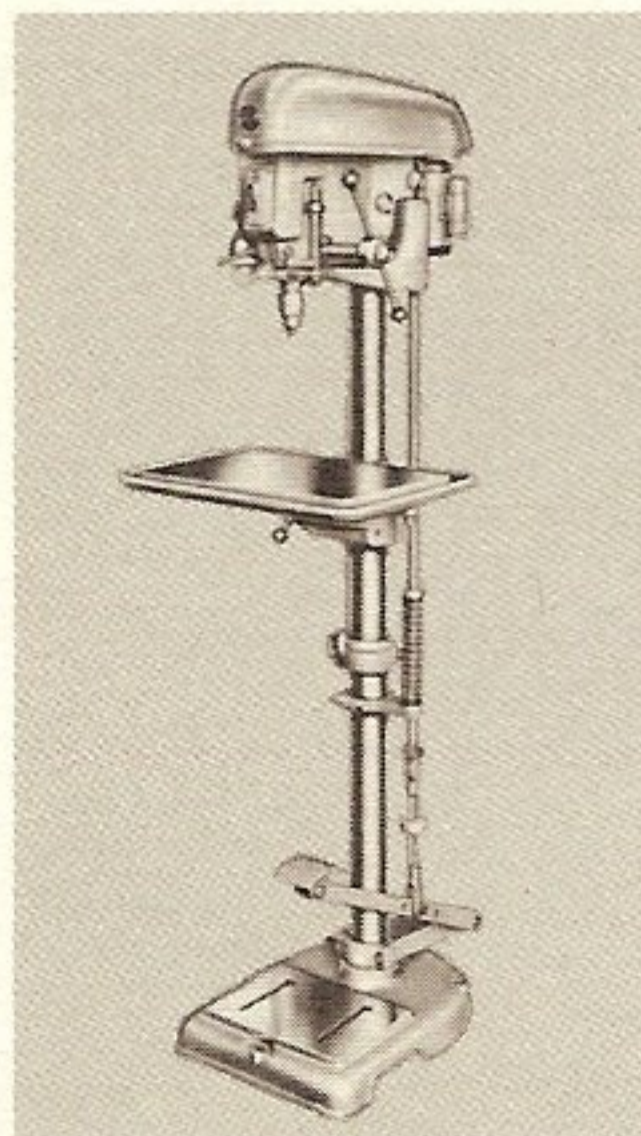


**DELTA
17" DRILL PRESS LINE
76 Models Available**
A big, rugged production tool that's built to stand up under continuous heavy duty operation, day in and day out, year in and year out, with complete accuracy and little or no maintenance.

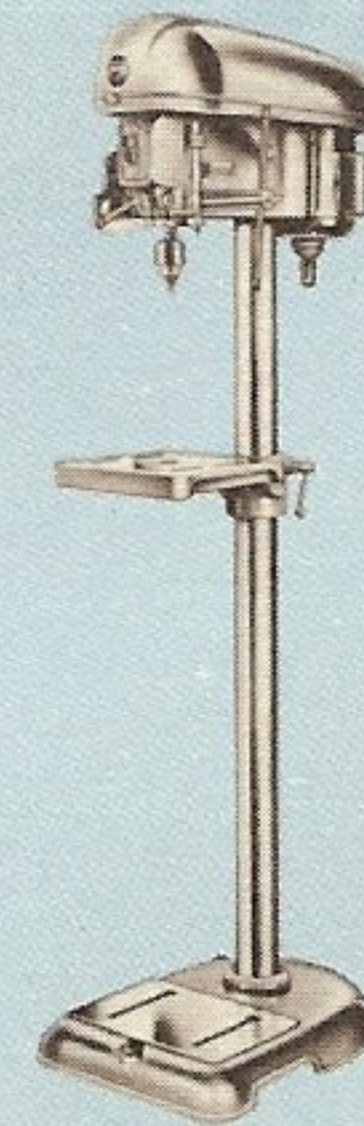
DELTA THE WORLD'S
ROCKWELL
**MOST COMPLETE
DRILL PRESS LINE**



**DELTA
20" DRILL PRESS LINE
28 Models Available**
Designed to fill industry's need for flexible production tooling that can not only supplement, but often replace, heavier machines costing four and five times as much.

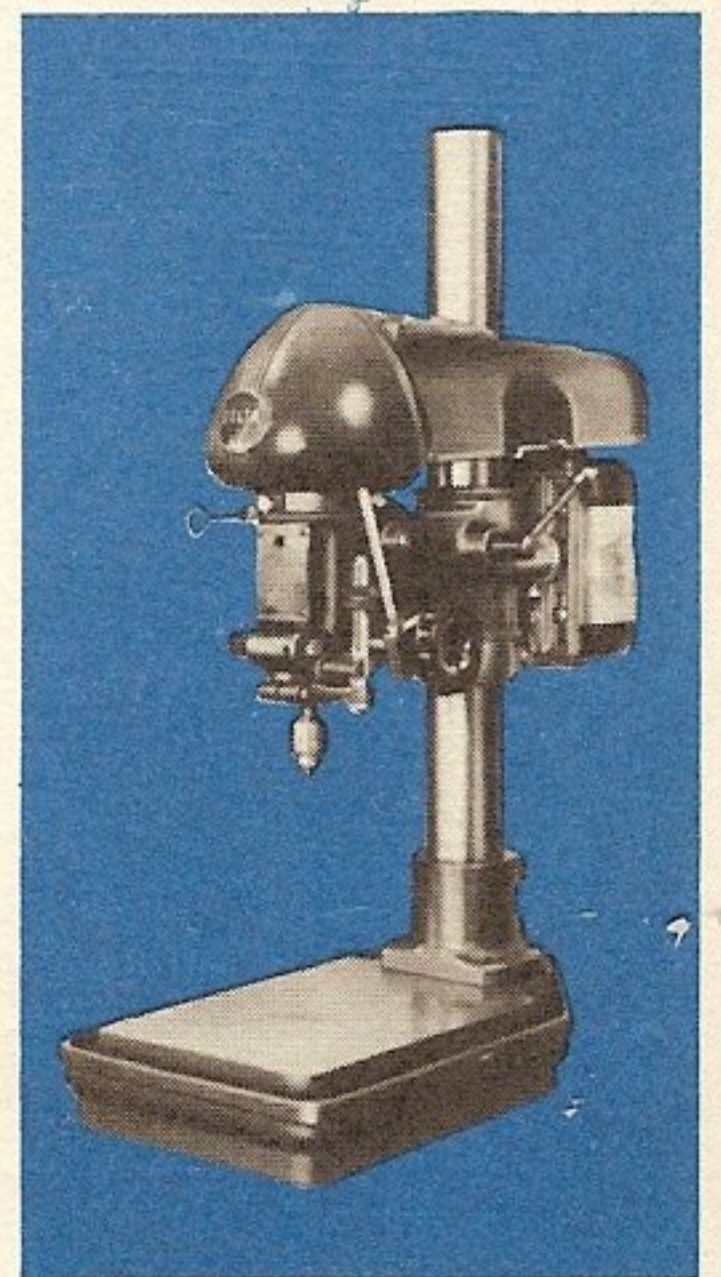


**DELTA
15" STEP-PULLEY
DRILL PRESS LINE
40 Models Available**
Leads the way in today's trend toward the use of accurate, flexible power tools to supplement and often replace custom tooling. Has ruggedness and accuracy of more expensive machines.



**DELTA 14" UTILITY
DRILL PRESS LINE
4 Models Available**
Designed to provide small commercial wood and metal-working shops and school shops with a rugged, accurate, inexpensive machine for a wide range of jobs.

**DELTA 14" SUPER-HI
SENSITIVE
DRILL PRESS LINE
20 Models Available**
Engineered to meet the problems of small hole drilling. Sensitive drilling speeds up to 12,000 RPM make it ideal for manufacturers of jewelry, carburetors, brass fittings and electronic devices.



DELTA INDUSTRIAL TOOLS

another fine product by

ROCKWELL

