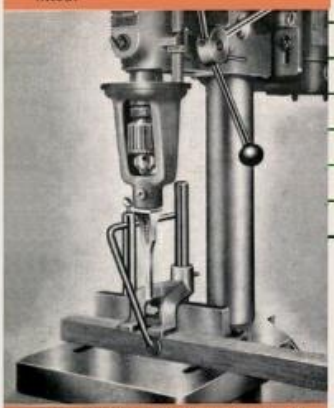
Accurately machined production table, 14¼" x 12½" with suds trough and tee slots; optional extra on all models.

Heavy duty cast iron pedestal stand; optional extra on floor models. Shown with production type table fitted.



FIVE SPEED DRILLS can be fitted with SP.150 MORTISING ATTACH-

Each and every Mercury

is the result of more than 20 years experience in the development and manufacture of this type of machinery. Accurately built and designed to cover the full range of drilling operations the new 'Startrite' Mercury Drills are equally suitable for production line or general workshop hole producing. Their sturdy construction, balanced pulleys, six-splined spindle drive with four journal ball bearings and ball thrust collar at spindle nose ensure long accurate service under the most exacting conditions. Constructed as a portable and compact drill unit, they can be positioned in assembly lines or alongside other machinery for second operations.

HEAD UNIT is adjustably mounted and may be swung to any position around the column. Carries spindle unit, driving pulleys and motor power unit.

SPINDLE is of high tensile steel supported in ground cast iron quill carrying one ball thrust race and two ball journal bearings. Spindle is six-splined with drive through broached bronze sleeve. Spindle pulley is independently mounted on two ball bearings absorbing all thrust from belt transmission. Matched and balanced pulleys combined with six-splined floating drive eliminate all vibration. Enclosed spiral tension springs are fitted for quill return, and head clamping gear is of compensating type.

DRIVE is taken from vertically mounted motor through totally enclosed V-belt and five step pulleys. Motor platform is slide mounted and heavy type rotary starter is fitted.

TABLE is a one-piece type with large working area.

BASEPLATE is well braced close grained iron casting providing adequate support to tubular ground column.

WORKMANSHIP & MATERIALS are of the highest class, carefully selected according to the duty incurred. Actuating levers and small parts are chrome plated or treated by Walterisation anti-rust process. Main components are excellently surfaced and treated with hammer finish stove enamel. All journal ball bearings are 'sealed for life' type and there is effective provision for lubrication where required.

SPECIFICATION

MODEL NUMBER	SP250	SP251	SP250/10	SP251/10
DRILLING CAPACITY	½"		⅝"	
SPINDLE DIAMETER IN DRIVING PART	⅝"		⅝"	
SPINDLE TRAVEL	3¼"		3¼"	
SPINDLE SPEEDS—½ H.P., 1,425 R.P.M. MOTOR (50C)	530, 890, 1,430, 2,290, 3,830 R.P.M.		95, 165, 265, 430, 530, 720, 890, 1,430, 2,290, 3,830 R.P.M.	
0.66 H.P., 960 R.P.M. MOTOR (50C)	350, 590, 960, 1,540, 2,580 R.P.M.		65, 110, 180, 290, 350, 480, 590, 960, 1,540, 2,580 R.P.M.	
MAXIMUM DISTANCE CHUCK/SPINDLE TO TABLE	13⅞"	42⅝"	21⅞"	40½"
MAXIMUM DISTANCE CHUCK/SPINDLE TO BASE	19¼"	49½"	27¼"	47⅜"
DISTANCE COLUMN TO CENTRE OF SPINDLE	6¾"		6¾"	
COLUMN LENGTH (2¾" DIAMETER)	30"	60"	40"	60"
BASE WORKING SURFACE	8" x 8"	8" x 10"	8" x 8"	8" x 10"
TABLE WORKING SURFACE	8¾" x 8¾"		8¾" x 8¾"	
NET WEIGHT (APPROX.)	100 lbs.	130 lbs.	108 lbs.	138 lbs.

STANDARD EQUIPMENT: Jacobs chuck/MT. spindle, belt, chuck guard, speeds and lubrication plate, motor, rotary starter, head stop collar.

OPTIONAL EQUIPMENT: Machine vice jaws 3¼" wide to open 2", No. 1 M.T. adaptor sleeve, sanding drum, mortising attachment, sanding disc, 0.66 H.P., 960 R.P.M. motor in lieu of standard unit, reversing switch, lighting equipment with flexible shaft reflector and bulb, low-volt light equipment, thermal overload no-volt release starter, tilting table, production table, cast iron pedestal stand.