

DOUCET

J40 HYDRAULIC COMBINATION BORING

The J40 Combined Vertical and Horizontal Boring Machine is equipped with a fixed but adjustable table. For vertical boring, heads with spindles move up and down, while for horizontal boring the spindle carriage moves back and forth.



J40 - ISO VIEW



CHARACTERISTICS & OPERATION

- The J40 Combined Vertical and Horizontal Boring Machine is equipped with a fixed but adjustable table. For vertical boring, heads with spindles move up and down, while for horizontal boring the spindle carriage moves back and forth.
- Since the table is fixed, vertical and horizontal boring can be done alternatively or simultaneously and/or the machine can be equipped with an automatic feeding device. Also, either the horizontal or vertical boring can be programmed to remain idle.
- Vertical spindles and hold-downs can be mounted on individual arms, on a dovetail beam or a combination thereof while horizontal spindles and hold-downs are mounted on dovetail beams. The boring depth and feed speed of the spindle carriage are widely adjustable. For added flexibility in the boring patterns, spindles and/or clusters are belt driven and powered by 1, 1.5 or 2 HP three phase motors 220, 440 or 600 volts / 60 cycles.
- As an option, the J40 can be equipped with individual boring units mounted at one end of the table.
- The J40 is available in 4, 5, 6, 8 and 10 feet widths.
- The basic machine includes: main body, spindle carriage having a maximum travel of 8", a 24" wide wooden table of lengths specified below, hydraulic power unit, electrical control system, a 6" stroke feed mechanism for horizontal drilling, two air-operated hold-downs, two spring-loaded hold-downs, cycle foot switch and safety guard.

OPTIONS & SPECIFICATIONS

- 1½" diameter, set screw lock-type spindle;
- 1½" diameter, spindle with spring collet;
- 1½" diameter, spindle with 3/8" capacity Jacobs chuck;
- 1½" diameter, spindle with ½" capacity Jacobs chuck;
- 1½" diameter, spindle with threaded 7/16" - 14;
- 2" diameter, set screw lock-type spindle;
- 2" diameter, spindle with spring collet;
- 2" diameter, spindle with ½" capacity Jacobs chuck;
- 2" diameter, spindle with threaded 7/16" - 14;
- Cluster with fixed centers;
- Hydraulic spindle for end boring;
- Dovetail beams;
- Templates;

- Idler pulley;
- Special arm;
- Special motors;
- Additional control;
- Hold-down;
- Fast approach of the table;
- Automatic Feeder;
- Clean-up cycle.

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