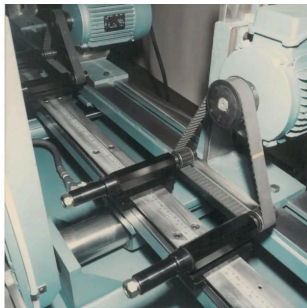


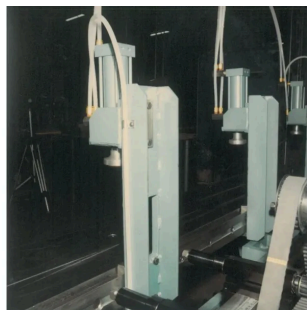
# DOUCET

## J20 HYDRAULIC HORIZONTAL BORING

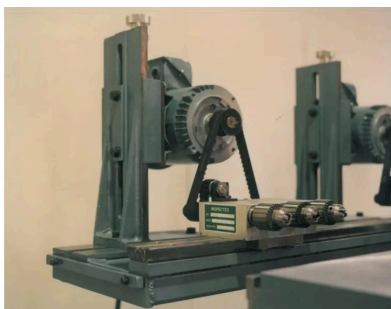
The J20 Horizontal Boring Machine is equipped with a steel table, vertically adjustable up to 2 ½" and a hydraulically actuated spindle carriage that moves back and forth.



J20 - SPINDLE ON DOVETAIL



J20 - HOLD DOWN



J20 - CLUSTER WITH JACOBS CHUCK

### CHARACTERISTICS & OPERATION

- The J20 Horizontal Boring Machine is equipped with a steel table, vertically adjustable up to 2 ½" and a hydraulically actuated spindle carriage that moves back and forth.
- The spindle carriage slides over two hard chrome-finished guideposts. Drilling depth, up to 6 inches precisely, is set by micro switches, while spindle advance feed speed can be set by flow control valve. For added flexibility in the boring patterns, spindle 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.
- Belt driven spindles and fixed center clusters, as well as hold-downs, are mounted on dovetail beams. Spindles can be moved to the exact position with the help of a scale fastened to the face of the dovetail beam.
- The J20 is available in 4, 5, 6, 8 and 10 feet widths.
- The Basic machine includes: main body, a 12" wide adjustable steel table of lengths specified above, including 3 air-operated hold-downs with locator stops, hydraulic unit, electrical control system, cycle foot switch, dovetail beam and safety guards.

### OPTIONS & SPECIFICATIONS

- 1 ½" diameter, set screw lock-type spindle;
- 1 ½" diameter, spindle with spring collet;
- 1 ½" diameter, spindle with 3/8" capacity Jacobs chuck;
- 1 ½" diameter, spindle with ½" capacity Jacobs chuck;
- 1 ½" 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;
- Special motors;
- Air-operated hold-down;
- Self-centering unit;
- Additional control;

- Fence.

# **DOUCET**

P. 1-866-673-8876  
P. 1-819-367-2633  
E. [info@doucetinc.com](mailto:info@doucetinc.com)  
[doucetinc.com](http://doucetinc.com)

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