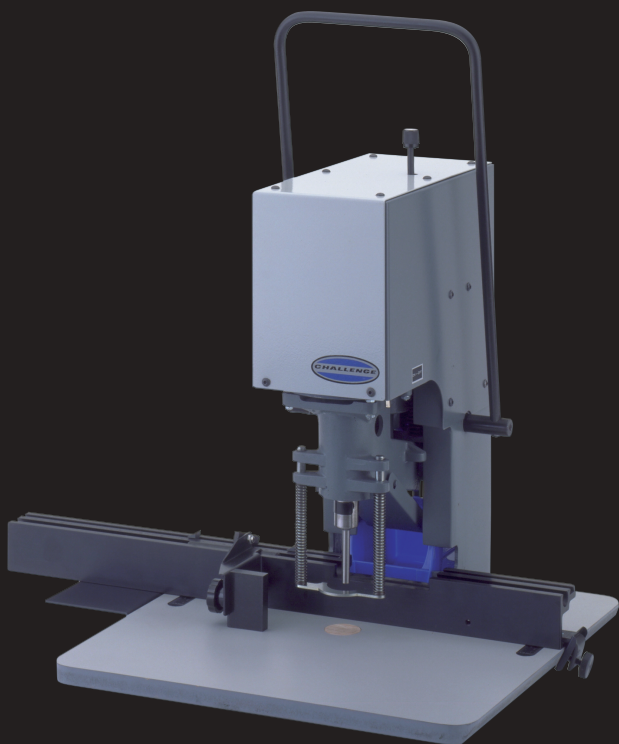


# CHALLENGE PRODUCTS



## MODEL JO & JF PAPER DRILLS



**JO Table-Model Paper Drill with  
hand lever operated drill head  
and manual trip side guide**



**JF Model Paper Drill with  
foot pedal drilling action and  
automatic trip side guide with  
micrometer adjustment**



# JO & JF PAPER DRILLS

## The Versatile Model JO & JF Single-Spindle Paper Drills

### Drill, Corner, Slit or Slot with Manually Operated Drill Heads. Both Models Provide Economical Yet Productive Quality Drilling

#### Features

- Hand Lever Operation (JO Model)
- Foot Pedal Operation (JF Model)
- 2" Drilling Capacity
- 13 Hollow Drill Bit Sizes
- Automatic Paper Chip Removal
- Adjustable Margins
- Auto Trip Side Guide (JF Model)
- Built to Perform

#### Standard Equipment

- Two Hollow Drill Bits – one 1/4" and one 5/16"
- 1 1/2" Wood Drilling Blocks – two included with JO Model, twelve with JF Model
- Locking Backgauge
- Tool Kit

#### Fast Setup

Adjustable stops on the backgauge allow you to easily set any hole pattern. For even quicker setup, purchase our optional fixed gauges with pre-set stops for standard hole patterns.

#### Easy to Adjust

Thumb screws easily lock the backgauge to the drill table. To adjust your margins, simply loosen the screws and line up the gauge with the dual scales located on the drill table.

#### Corner, Slit, and Slot

Optional attachments make your Challenge single-spindle drills even more productive. Round cornering attachments can corner lifts in 1/8", 1/4", 7/16", or make straight diagonal cuts. For slitting, slotting, or V-slotting drilled holes, use our special 1/2" lift capacity slit/slot attachment.

#### Automatic Chip Disposal

Paper chips travel up through the drill bit and drop into a removable waste bin. Your jobs keep moving and clean-up time is kept to a minimum.

#### 2" Lift Capacity

Large two-inch drilling capacity is available with Challenge 1/4" to 1/2" diameter drill bits. Smaller drill bits will handle lifts from 5/8" to 1 5/8", depending on the bit size.

#### Meeting Your Needs

For more information on the JO and JF drills or other Challenge products to increase your bindery production, contact your authorized Challenge dealer.

### Specifications

Model	JO	JF
<b>DRILLING</b>		
Drill Head Operation	Hand Lever	Foot Pedal
Maximum Drilling Capacity *	2"/51 mm *	
Drill Sizes Available	13 Sizes: 1/8" to 1/2"/3 - 13 mm	
Adjustable Backgauge Stops	3 stops	7 stops
Minimum Distance Between Holes		
- Adjustable Stops	3/8"/10 mm	
- Fixed Gauges	1/4"/6.4 mm	
Adjustable Range	0 to 12"/0 - 30 cm	0 to 18 1/2"/0 - 47 cm
- Drill to Side Guide	0 to 2 3/4"/0 - 7 cm	0 to 4"/0 - 10 cm
- Drill to Backgauge		
Side Guide Trip	Manual	Automatic
Cornering Capacity	1/2"/13 mm (1"/2.5 cm using Cornermatic Attachment-JF Only)	
Slit / V-Slot Capacity	1/2"/13 mm	
<b>DIMENSIONS</b>		
Overall Height	25"/64 cm	60"/152 cm
Table Size	18" x 18"/46 x 46 cm	19 1/2" x 31 1/2"/50 x 80 cm
Table Height	—	38"/97 cm
Footprint	18" x 27"/46 x 69 cm	32" x 42"/81 x 107 cm
Net Weight (approximate)	52 lbs/24 kg	154 lbs/70 kg
Shipping Weight (approximate)	72 lbs/33 kg	225 lbs/102 kg

#### ELECTRICAL

Spindle Motor (both models): 1/4 H.P., 115 Volts, 5.3 Amps, 60 Hz, AC, Single Phase  
Service size 15 Amps.

\* Smaller-diameter drill bits will do lifts 5/8" to 1 5/8" depending on bit size.

*Challenge reserves the right to make changes to any product or specification without notice and without incurring responsibility to existing units.*

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For information on these and other Challenge products, call your local Challenge dealer, or for the dealer nearest you contact:

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