

# BUCKEYE®

## 31LD-800 Series Automatic

- .6 Horsepower
- 200 lbs. Thrust (889 N) @ 90 PSI
- 3" (76mm) Stroke
- Cycle completion signal
- Internal rear-head valves
- Automatic retract
- Manual start & retract
- Remote start
- 2" (51mm) stroke hydraulic dashpot standard



Models	Free Speed RPM	Nominal Drilling Capacity						Thrust @ 90PSI		Standard Chuck Capacity		Spindle
		Mild Steel		Aluminum		Wood		lb.	N	in.	mm	
		in.	mm	in.	mm	in.	mm					
Stroke Length												
3" (76mm)												
<b>Automatic</b>												
31LD-800	20000	-	-	-	-	-	-	-	-	-	-	-
31LD-801	5000	1/8	3.2	3/16	4.8	1/4	6.4	200	889	3/8	9.5	3/8"-24
31LD-802	3000	3/16	4.8	5/16	7.9	3/8	9.5	200	889	3/8	9.5	3/8"-24
31LD-803	1850	3/16	4.8	3/8	9.5	1/2	12.7	200	889	3/8	9.5	3/8"-24
31LD-805	1100	5/16	7.9	3/8	9.5	5/8	15.9	200	889	3/8	9.5	3/8"-24
31LD-806	750	3/8	9.5	3/8	9.5	7/8	22.2	200	889	3/8	9.5	3/8"-24
31LD-807	450	3/8	9.5	3/8	9.5	1	25.4	200	889	3/8	9.5	3/8"-24

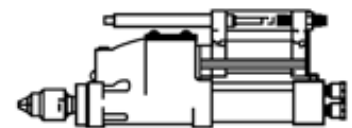
### Specifications:

Recommended Air Pressure:	90 PSI (6.2 bar)
Air Inlet Size:	1/4" N.P.T.
CFM Rating:	22 @ Free Speed
Remote Control Ports:	1/8" N.P.T.
Recommended Hose Size:	3/8" (9.5 mm) I.D.
Offset (side-to-center):	1" (25.4 mm)
Tool Weight (maximum):	9.7 lbs. (4.4 kg)
Optional Chucks:	page 26

**Standard Equipment:** The above models are supplied standard with 2" stroke hydraulic dashpot, 1024852. See page 25 for more information.

### Extra Cost Accessories:

Optional Outboard Dashpots:	page 25
L - Bracket:	1023793
Aircraft Noses:	page 31
Collet Type Chucks:	page 26
Various 3-Jawed Chucks:	page 27



## 31L Series Mounting Dimensions

Designer's full scale dimensional layouts available online at [www.cooperpowertools.com](http://www.cooperpowertools.com).

