



Cutter capacity
2 1/16" dia.

AIRBOR™ AB-4300

Motor and magnet
are powered completely
by compressed air

Pneumatic power for hazardous environments

ATEX Classified

Safe • Reliable

- Inherently safer than electromagnetic drills in hazardous atmospheres and wet environments where electricity requires "hot work permits"
- ATEX classified
- Industry's first completely air-operated magnetic drill – NO ELECTRICITY!
- Fail-safe permanent magnet is activated "on" and "off" by air pressure; in the event of a loss of air flow, the magnet will not disengage
- 1600 lbs. magnet holding strength

Drill up to 2-1/16" dia.

- Uses annular cutters
- Twist drilling up to 5/8"
- Powerful 1.6 HP drill motor
- Long drill stroke – up to 10 1/4"
- Pressurized coolant system lubricates cutter and reduces risk of sparking



Model AB-4300-2



With a geared chuck adapter (Part No. IBC 18) and extra rack (Model No. AB-4300-2R), AIRBOR™ easily converts to a standard drill press with a 7 1/2" stroke.



Pressurized lubrication system (Part No. 9 4002 0020)



AB-4300-2R shown with extra rack up (left) and extra rack down (right).

Model Comparison

AB-4300-2R		AB-4300-2	
Drill Stroke			
w/cutters 10 1/4"	w/chuck 7 1/2"	w/cutters 4 7/8"	w/chuck 1 3/4"
Height			
closed 13 1/2"	open 22"	closed 13 1/2"	open 17 1/2"
Weight			
lbs. 43	kg 20	lbs. 38	kg 18

Cutter Capacity



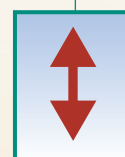
Ø 2 1/16"

Twist Drill / Countersink



1/2"

Stroke (length)



Up to 10 1/4"

Speed Range (RPM)



400

Model AB-4300-2 / AB-4300-2R Specifications

Motor Power (Pneumatic)	1.6 HP
Air Consumption @ 90 PSI	64 CFM (1/2" NPT Air Connection)
Hole Capacity	2 1/16" dia.
No Load Speed	400 RPM
Magnet Base Size	8 3/4" W x 3 1/2" L
Dimensions	13 1/2" H x 12 1/2" L x 4 3/4" W
Magnetic Force (1" plate)	1600 lbs.
Arbor Bore	3/4" Weldon Shank
Automatic Lubrication	Included
Stroke Length 4 7/8"	Order Model AB-4300-2
Stroke Length 10 1/4"	Order Model AB-4300-2R

► Annular Cutters: pages 34-41 ► Accessories: pages 42-50