



Cutter capacity
2 1/16" dia.

AIRBOR™ AB-4300-2 and AB-4300-2R

Pneumatic power for hazardous environments

ATEX Approved

Motor and magnet are powered completely by compressed air



Model AB-4300-2

AIRBOR™ is inherently safer than electromagnetic drills in hazardous atmospheres and wet environments where electricity requires "hot work permits." **ATEX approved.**

- 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
- Magnet has a holding strength of 1600 lbs.
- Powerful 1.6 HP drill motor
- Lightweight and portable
- Long drill stroke – up to 10 1/4"
- Drills up to 2 1/16" dia. holes with Annular Cutters
- Pressurized coolant system lubricates cutter and reduces risk of sparking



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

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



Cutter capacity up to 2 1/16" dia.

Twist drill capacity up to 1/2" dia.

See pages 18-24 for Annular Cutters and Accessories.

Model AB-4300-2 and AB-4300-2R

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

Motor Power (Pneumatic)	1.6 HP
Hole Capacity	2 1/16" dia.
Twist Drill Capacity	1/2" dia.
No Load Speed	400 RPM
Air Consumption @ 90 PSI	64 CFM
Magnet Base Size	8 3/4" L x 3 1/2" W
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"
Automatic Lubrication	Included
Stroke Length: 4 7/8"	Order Model AB-4300-2
Stroke Length: 10 1/4"	Order Model AB-4300-2R