



# AIRBOR™ AB-4300

Motor and magnet are powered completely by compressed air

## Pneumatic power for hazardous environments

**ATEX Certified**

### Safe • Reliable

- Inherently safer than electromagnetic drills in hazardous atmospheres and wet environments where electricity requires "hot work permits"
- ATEX certified
- 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 up to 2-1/16" dia.
- Twist drilling capacity up to 5/8" dia.
- Powerful 1.6 HP drill motor
- Long drill stroke – up to 10 1/4"
- Pressurized coolant system lubricates cutter and reduces risk of sparking



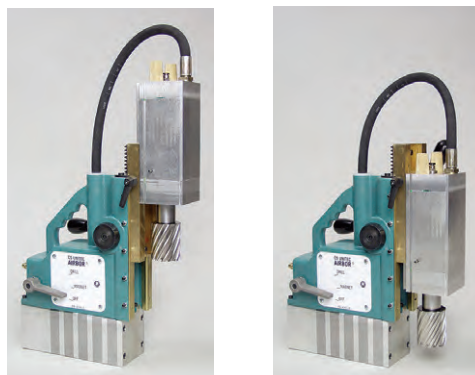
Model AB-4300-2



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 N)



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

### Model Comparison

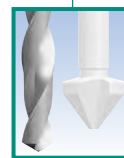
AB-4300-2R		AB-4300-2	
<b>Drill Stroke</b>			
w/cutters	w/chuck	w/cutters	w/chuck
10 1/4"	7 1/2"	4 7/8"	1 3/4"
<b>Height</b>			
closed	open	closed	open
13 1/2"	22"	13 1/2"	17 1/2"
<b>Weight</b>			
43 lbs.	20 kg	38 lbs.	18 kg

#### Cutter Capacity



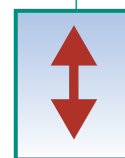
ø 2 1/16"

#### Twist Drill / Countersink



5/8"

#### 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" 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" 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 54-64 ➤ Accessories: pages 65-71