



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 |