



AIRMobil 432

DRILLING EQUIPMENT

The AIRMobil 432 is a chassis mounted drill rig which is moved by two tires, it also has the option of mounting a third tire, skid frame or on a truck depending on the customers needs. The mast is hinged to permit drilling from any angle from vertical to horizontal, an additional 10 degrees horizontal movement of the mast is provided to assist hole alignment. For underground drilling the mast can be fitted with a 360-degree turntable.

The AIRMobil 432 is designed for drilling with down the hole hammer, Ø 2 1/2" (64mm) a 6" (152mm), to a depth of up to 50 meters, depending on geological formation, compressor capacity, skill of the operator weight of the hammer, bit, drill pipe and the hole diameter. The Airmobil can also be used with drag bits and drag bit/down the hole hammer combination. This drill rig can be applied in a wide variety of applications: explorations, mine stripping, blast-hole, anchors, underground drilling cementation and water well drilling etc.

APPLICATIONS

- Servicing Holes
- Blasting
- Access roads
- Anchoring
- Reverse Circulation



DIMENSIONS AND WEIGHT (approx.)

Length	3490 mm
Width	1300 mm
Height (vertical column)	3560 mm
Weight	430 Kg

PNEUMATIC ROTATION MOTOR

Model	CD2R
	4 Cilinder air motor
Rated power	1.62 Kw
Max. speed	60 rpm
Torque	60 kg-m (590 Nm)
Air consumption	2000L/min (70 cfm)
Max. air pressure	6 Kg/cm2 (85 psi)
Weight	30.5 Kg

PNEUMATIC FEED MOTOR

Model	CD2A
	4 Cilinder air motor
Rated power	1.62 Kw
Max. speed	60 rpm
Torque	60 kg-m (590 Nm)
Air consumption	2000L/min (70 cfm)
Max. air pressure	6 Kg/cm2 (85 psi)
Weight	25 Kg

DRILL CAPACITY

Max. Hole diameter	6" (152 mm)
Max. Depth	50 m
Drill pipe lenght	2000 mm
horizontal movement	10 degrees

FEED SYSTEM

Chain	Paso 1" (Pitch)
Head travel	2300 mm
Pull-up capacity	1300 Kg
Pull-down capacity	1300 Kg

CHASIS

Driven by two rolling tires, with inclination system.
Valve control table chassis mounted.

OPTIONAL

PNEUMATIC ROTATION MOTOR HD

Model	CD2RHD
	4 Cilinder air motor
Rated power	1.62 Kw
Max. speed	50 rpm
Torque	72 kg-m (706 Nm)
Air consumption	2000L/min (70 cfm)
Max. air pressure	6 Kg/cm2 (85 psi)
Weight	42 Kg

REVERSE CIRCULATION

Recovery of inaltered sample of up to 98 %

TURNTABLE

360 degrees horizontal and
180 degrees vertical

WRENCHES

AMORTIGUADOR DE CHOQUE

LUBRICATOR