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SFM 7300

RC / Air Core / Auger Rig



01.

CED SFM7300 OVERVIEW

Engineered for Remote Operations.

The CED SFM7300 is a compact, high-performance exploration drilling rig designed for efficient mineral exploration in remote and challenging environments. It combines strong drilling capability with excellent mobility for early-stage exploration programs.

The system is built for:

- Fast mobilisation and deployment in remote areas
- Reverse Circulation, Air Core, and Auger drilling
- Shallow exploration and reconnaissance programs
- High terrain accessibility with a compact 6x6 platform
- Reduced logistical and support requirements
- Efficient target generation drilling campaigns
- Reliable operation in harsh field conditions



02.

TECHNICAL SPECIFICATIONS

CED SFM7300 RC / Air Core / Auger Rig

Specification

Rig Weight

Hole Diameter

Drilling Depth

Engine

Drill Rod Length

Feed Advance Length

Climbing Angle

Working Air Pressure

Air Consumption

Rotation Speed

Penetration Efficiency

Drill Pipe Diameter

Rig Lifting Force

Rapid Rise Speed

Fast Feed Speed

Loading Width

Winch Hoisting Force

Rotary Torque

Hammer Compatibility

High Leg Stroke

Sampler System

Sampling Depth

Borehole Diameter

Details

3.5 Tons

140mm

100m

75kW Cummins

3m

3.3m

30°

1.7 – 2.5 MPa

17 – 31 m³/min

45 – 70 rpm

10 – 35 m/h

89mm / 102mm

13T

30m/min

60m/min

2.4m

1.5T

4700 – 6600 N.m

Medium & High Pressure Series

1.4m

Single Layer Sampler

20m

300mm

**Strong, Simple,
Reliable Systems**

03.

BUILT FOR FIELD PERFORMANCE

1 Drilling Capability

Purpose-built for shallow exploration programs, the SFM7300 supports Reverse Circulation (RC), Air Core, and Auger drilling applications. Its versatile design enables efficient reconnaissance drilling, target generation, and geological investigation across a wide range of ground conditions while maintaining strong drilling performance and operational flexibility.

2 Operational Efficiency

Mounted on the CED 6x6 Toyota Land Cruiser platform, the SFM7300 delivers excellent off-road mobility, rapid deployment, and reliable access to remote exploration sites. Its compact footprint reduces transport and logistical requirements while enabling efficient operation in challenging terrain and demanding field environments.

3 Applications

- Early-stage mineral exploration
- Geological survey drilling
- Target generation programs
- Reconnaissance drilling
- Remote exploration campaigns

04.

Field Performance Snapshot

A compact exploration drilling rig designed for efficient mineral exploration in remote and challenging terrain. It delivers strong mobility and versatile RC, Air Core, and Auger capability for fast, effective early-stage drilling programs.



Performance Without Complexity

