

AD200

JUMBO SIMBA

CRAWLER DRILL



AD200 JUMBO SIMBA CRAWLER DRILL

BUILT FOR MULTI-ANGLE DRILLING.
DESIGNED FOR PRODUCTIVITY.

The AD200 Jumbo Simba is a 100% pneumatic crawler drill engineered for high performance in underground mining and quarry applications. With unmatched radial flexibility and multiple upgrade options (DTH, Top Hammer and RC), it delivers productivity, reliability and access in the most challenging drilling conditions.



PNEUMATIC CRAWLER DRILL



100% PNEUMATIC

Standard air system.
Powered by external compressor.



SELF-PROPELLED CRAWLER

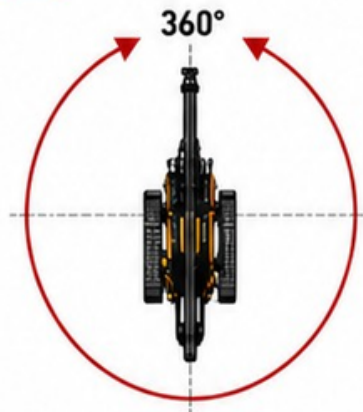
Hydraulic crawler system for mobility in rough terrain and confined spaces.



VERSATILE DRILLING

Suitable for DTH drilling.
Top Hammer configuration and RC upgrade.

RADIAL / SIMBA DRILLING



360°

360° RADIAL DRILLING COVERAGE
Full radial drilling around the machine.

270°

MAST ROTATION
270° mast rotation for wide working envelope.

180°

TOP HAMMER DRIFTER ROTATION
180° rotation of Top Hammer drifter head.



BIDIRECTIONAL HEAD (DTH)
Bidirectional head available for DTH drilling.

RADILING DEPTH CAPABILITY

DRILLING MODE	MAXIMUM DEPTH
 DTH – VERTICAL / -90°	> 70 m (Standard)
 DTH – VERTICAL / -90° (With Upgrade)	up to 120 m
 DTH – HORIZONTAL	up to 40 m
 RC – REVERSE CIRCULATION	up to 60 m
 TOP HAMMER – HORIZONTAL	up to 30 m

IDEAL APPLICATIONS



BLAST HOLES



PRE-SPLITTING



BENCHING



GROUND SUPPORT

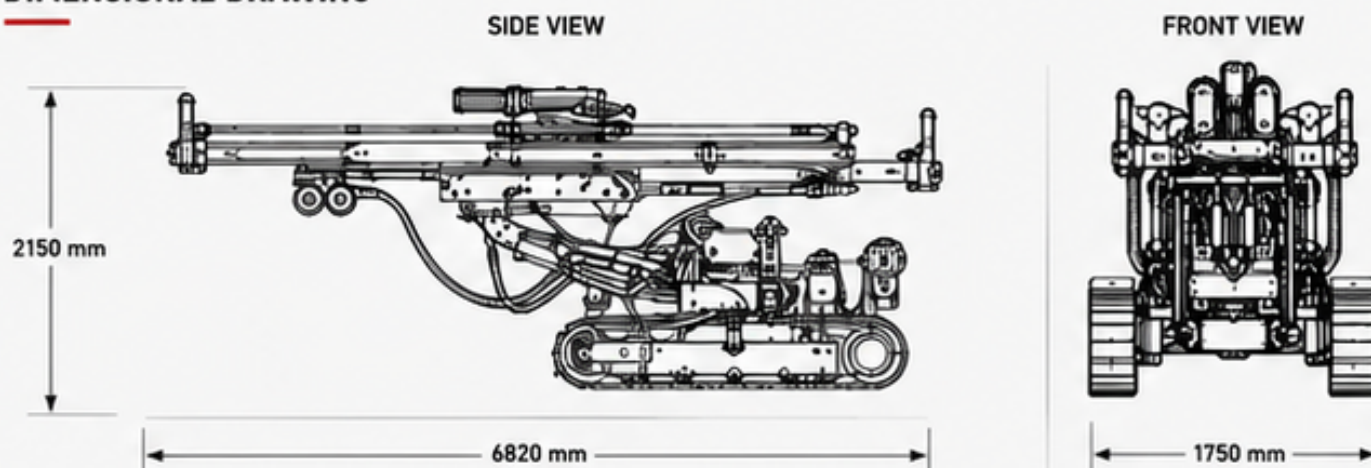


WATER WELLS



GEOCHEMICAL SAMPLING

DIMENSIONAL DRAWING



DIMENSIONS & WEIGHT

LENGTH	WIDTH	HEIGHT	OPERATING WEIGHT	OVERALL LENGTH (MAST LOWERED)
1850 mm 74.47 in	1750 mm 70.86 in	1670 mm 65.74 in	2750 kg 5511 lbs (approx.)	3500 mm (MAST 5.8 m TO 3.5 m)

TECHNICAL SPECIFICATIONS

HEAD & FEED SYSTEM

Feed Motor Power	7.5 HP
Propelling Motor Power	9.5 HP
Max. Feed Travel	3,500 mm
Feed / Push Down	1,830 kg
Pull Back	1,825 kg
Feed Up Speed	40 m/min
Feed Down Speed	50 m/min

CRAWLER / TRAVEL SYSTEM

Track Width	1900 mm
Track Length	1895 mm
Max. Travel Speed	3.5 km/h
Climbing Capability	45°
Ground Clearance	240 mm
Track Oscillation	±30°

DRILLING DIAMETER & ROCK HARDNESS

Drilling Diameter	41 – 143 mm (1 3/4" – 6")
Rock Hardness	350 – 450 Brinell

MINIMUM TUNNEL SIZE FOR 100% OPERATING POTENTIAL



4.5 m (W) x 3.0 m (H)
(14.8 ft x 9.8 ft)

AIR REQUIREMENTS

DTH (AD200 HEAD)

40 m / 3.5"	375 CFM / 8 BAR
120 m / 3.5"	750 CFM / 12 BAR

TOP HAMMER (OTH)

Minimum	300 CFM / 8 BAR
Optimum	550 CFM / 8.5 BAR
30 m / 4.5"	450 CFM / 8 BAR

RC (AD200 HEAD)

Up to 60 m depth (Reverse Circulation Upgrade)

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Strengthening partnerships with the mining industry through our presence at leading exhibitions in Chile.



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