



ALL TERRAIN AIR HAMMER

TRENCHLESS

ALL TERRAIN AIR HAMMER

1 Advanced technology enables simultaneous drilling and steering, an exclusive feature resulting in superior productivity.

2 Peak performance is achieved when used with the Rockmaster Air Housing (including in All Terrain Air Hammer kit), which has larger air ports that help increase production.

3 Unlike other air hammers on the market, the All Terrain Air Hammer requires no oiler, which reduces overall cost of production.

4 Minimal cost of spoils cleanup: used properly, the All Terrain Air Hammer leaves only dry cuttings and a relatively small amount of foam used downhole to remove cuttings.

5 Very low flow rate—4 gpm (15 l/min)—means low fluid costs; patented hydro cyclone reduces that amount of fluid in the Air Hammer and on the jobsite.

7 Complete kit includes the All Terrain Air Hammer; convex bit, bit jaw, and jaw assembly; two slide pins; Rockmaster Air Housing; and a fluid pump and air adapter kit.

6 All Terrain Air Hammer is lubricated by water and able to work in even the most sensitive environmental areas.



Ditch Witch® All Terrain Directional Drills are so named because they perform with exceptional efficiency in the widest range of ground formations, from mixed hard soil to cobble to solid rock. Equipped with the **All Terrain Air Hammer**, Ditch Witch All Terrain Directional Drills expand this range to include the hardest of rock—20,000 psi and up. More important, the All Terrain Air Hammer expands your productivity.

WE'RE IN THIS TOGETHER.



ALL TERRAIN AIR HAMMER SPECIFICATIONS

U.S.

METRIC

DIMENSIONS

Standard drill pipe connection: 3.5 in API Reg Pin		
Outside diameter	5.4 in	138.2 mm
Length w/out bit shoulder to shoulder	44.6 in	1131.8 mm
Length w/bit extended	49.5 in	1256.3 mm
Length w/bit retracted	48.1 in	1220.7 mm
Weight w/out bit	200 lb	90.9 kg
Bit size*	6.5 in	165.1 mm
Recommended air pressure	350 psi	24.1 bar
Make-up torque	6,000 ft•lb	8124 N•m
Recommended fluid flow	3-4 gpm	11.3-15.1 l/pm
Air consumption 24.1 bar/350 psi	973 l/s	458 scfm
Percussion rates	1,770 bpm	

* Other bits are available.

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

ALL TERRAIN AIR HAMMER SYSTEM

Everything you need is contained in a complete kit that includes:



5-inch (127-mm) Rockmaster Air Housing



All Terrain Air Hammer



6.5-inch (165-mm) convex bit with spherical inserts



Two slide pins



Convex bit jaw



Fluid pump/air adapter kit



4-inch (102-mm) jaw assembly