

THE VILLAGE DRILL

Powerful - Portable - Performance

GLOBAL LEADERS IN MANUAL
DRILLING TECHNOLOGY

DRILL SPECIFICATIONS

- ◆ Heavy Duty Steel Construction
- ◆ Maximum Drill Depth: 90m (295ft.)
- ◆ Industrial Strength Commercial Drill Bit Kit
- ◆ Redesigned Frame For Added Strength and Weight Reduction
- ◆ Double Hydraulic Acting Ram Delivering 6 tons of force
- ◆ Shipping Crate Dimensions:
 1. 96"L x 52"W x 37"H -- 1,850 lbs
 2. 42"L x 38"W x 24"H -- 855 lbs

ALSO INCLUDED STARTING
JAN 2020!

- Special Diamond Drill Bit
- Geosuite Water Locator App & User Manual



WHAT'S INCLUDED

- ◆ Complete Village Drill Structure
- ◆ 50 (3') Sections of Drill String
- ◆ 5.5 hp Honda Water Pump
- ◆ Four Industrial Drilling Bits
- ◆ Three Bags of Bentonite
- ◆ Industrial Mud Mixer
- ◆ Hydraulic "Rock Ram" with Attachment
- ◆ Commercial Swivel with attachments
- ◆ Tools and miscellaneous supplies to start drilling out of the box

VILLAGE DRILL PACKAGE

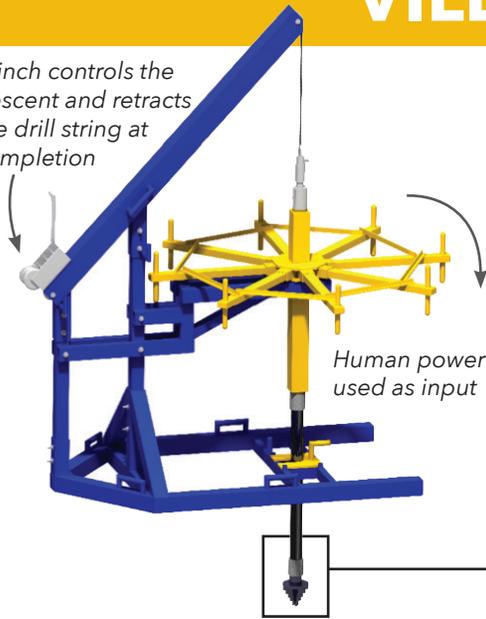
\$24,900

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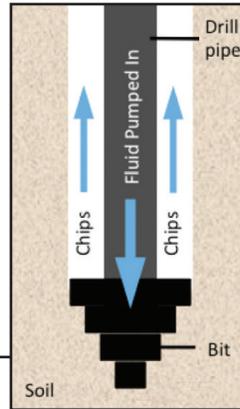
Picture does not include all items or current models sold

VILLAGE DRILL VITALS

Winch controls the descent and retracts the drill string at completion



Drill pipe transforms torque and chip removal to bit



The Village Drill is operated by spinning the input wheel while lowering the drill string using the hand-operated winch or ram. The Village Drill is designed to reach water aquifers up to 90m (300 ft) below the surface.

The rocks and soil, called cuttings or chips, produced by the drilling process are removed as a mixture of water and Bentonite (mud) is pumped down the drill pipe through the bit, and forced back up to the surface through pressure provided by the drill pump.

At the surface, the cuttings are removed from the fluid mixture as they fall to the bottom of the small settling pond. The mud then flows to an adjacent pond to be recycled back into the bore hole to remove more cuttings.

VILLAGE DRILL COMPARISON

Big Rig vs Village Drill: The average cost to place a finished well is \$25,000 for a big rig versus \$2,800 hard cost including labor with the Village Drill.

Manual Tools vs Village Drill: Most manual tools cannot effectively penetrate hard substrates to reach the aquifers, which is a leading cause of why most wells go dry and fail.

THE VILLAGE DRILL CAPABILITY

The Village Drill The drill is made of heavy duty steel construction with double hydraulic active ram, delivering 6 tons of force. It can penetrate almost any substrate, including soft soil, sand, hard clay, coral, and nearly all water-bearing rock.

DRILLS CURRENTLY IN OPERATION

We have 95 Village Drills in 36 countries, and over 6,500 wells have been drilled collectively.

Every large NGO or organization that has purchased one Village Drill has come back to purchase at least one additional drill.

SPECS AND COST OF THE VILLAGE DRILL

The cost, with all tools and commercial drilling components to start a drilling operation, is \$24,900 and includes the items seen below. As of Jan 2020, we are also pleased to include a special diamond bit, and the Geosuite Water Location App and User Manual.

