



Electric Drill

It is credited to Arthur James Arnot and William Blanch Brain of Melbourne, Australia who patented the electric drill in 1889.

Types: There are many types of drills: some are powered manually, others use electricity (electric drill) or compressed air (*pneumatic drill*) as the motive power, and a minority are driven by an internal combustion engine (for example, earth drilling augers). Drills with a percussive action (hammer drills) are mostly used in hard materials such as masonry (brick, concrete and stone) or rock. Drilling rigs are used to bore holes in the earth to obtain water or oil.

Pneumatic drill:



-Is a tool used to break up rock and pavement.
-Another name for the tool is simply an “air-drill.” The air that powers the pneumatic drill is delivered to the drill via an air compressor, which is typically run on a diesel engine.

Earth Drill:



-Simply put, an auger is a spiral-shaped tool that is used to drill holes into the ground and other surfaces or materials.

Hammer drill



- the ideal materials for hammer drills are concrete, mortar and bricks.

