

RC Equipment

Hammers

Bits

Cyclones & Splitters

Drill Rods

Subs

Air Swivels



Reverse Circulation

RC Equipment



Unlike conventional down-the-hole (DTH) hammers which send the air flush through the centre of the drill string and the cuttings being forced up the hole outside of the hammer and drill rods, reverse circulation does exactly the opposite.

Using a dual wall drill pipe, air is forced down between the inner and outer pipes with the cuttings being forced up through the centre of the drill rods.

Primarily developed for mineral exploration where virtually all the drill cuttings can be collected for identification and analysis, reverse circulation drilling is also becoming widely used for large diameter water well drilling and civil engineering uses such as large diameter rock sockets.

The selection of down-the-hole hammers is dependent upon the rig/compressor capability as well as the diameter and depth to be drilled. It is usual for a rig to have a variety of hammer sizes as the bits are usually supplied exactly the same size as the hammer being used.

Reverse circulation equipment available from Dando includes:

- RC Hammers
- RC Bits
- Cyclones and Splitters
- RC Drill Rods
- RC Subs
- RC Air Swivels

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