



## HEAVY DUTY UNDERPRESSURE DRILL



**The Pipe Equipment Underpressure Drill has been specially developed for drilling water and high pressure gas pipes. The most common use for the drill is the drilling of branch connections into live mains. This is normally done through a saddle fitting and full bore valve.**

This Drill is manufactured from 42mm outside diameter high quality steel tube which has a 1¼" BSP external thread at the end. Two models are available, with travel lengths of 300mm (12") and 500mm (20"), to drill holes in the size range 12mm (½") to 100mm (4"). Adaptors are available to suit all valve sizes from ½" (12mm) to 4" (100mm).

Drilling is normally by the use of holesaws and the drill is supplied with two shafts. One for drilling holes from 14mm to 30mm and a second for 32mm upwards. For holes above 76mm an additional drive plate is supplied with the 4" adaptor. A full range of sizes of holesaws are available.

The Drill is supplied with a hand ratchet and is housed in a custom made tool box which also holds the holesaws and adaptors up to 2". An optional air ratchet is also available.

The body of the drill incorporates vent / test point, which is fitted with a 1/2" ball valve. This vent can be used to flush out swarf when drilling water pipes, or as a pressure gauge and vent point when drilling gas pipes.

The feed screw, which has a deep knurl for ease of use, incorporates a bearing for smooth, reliable and long lasting operation.

The Drill is rated for use at pressures up to 70 bar, but has been pressure tested to over 700 bar.

### MAJOR FEATURES

- Suitable for drilling 12mm (½") to 100mm (4")
- 2 Travels lengths available – 300mm (12") and 500mm (20")
- Adaptors available from 12mm (½") to 100mm (4")
- 70 bar pressure rating
- Optional air drive
- Extremely robust
- Supplied in strong metal box

This drill is also suitable, when used with the appropriate adaptors, for installing ferrule connections into live water mains. Please ask for our video on this application.

The company follow a policy of continuous product development and as such reserves the right to make alterations to equipment and techniques without prior notice.

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