

## CASE STUDY

### QDM-150D

**MB Heating Ltd**  
*'WORKING TOGETHER FOR THE FUTURE'*

### OVERVIEW

|                |                                  |
|----------------|----------------------------------|
| The Company:   | MB Heating Limited               |
| Project:       | Residential Plumbing and Heating |
| Location:      | Wigan                            |
| Employees:     | 90                               |
| Industry:      | Plumbing and Heating             |
| Customers for: | 1 year                           |

#### Diamond Coredrill Machinery Project

MB Heating Limited have been providing specialist boiler, heating and plumbing services for new residential properties across the UK for over 15 years from their offices in Wigan, Lancashire.

Employing 90 staff, they have £10m worth of orders with established home builders Wilson Connolly, Morris Homes, Bellway, Persimmon, Redrow, Fairclough, Bryant, Miller, Linden and Wimpey at their new housing developments across the North West.

### THE CHALLENGE

As a specialist Plumbing and heating company, with 90 staff Engineers, MB Heating were contracted to install new Gas Boilers for a new residential development in Wigan. The project involved precision drilling and cutting of double skinned brick walls to accommodate boiler flues externally for 450+ properties as part of a 18 month new build development, project for a major new build property company.

The planned works were carried out in a residential area of Wigan, naturally the job needed to comply with strict noise, dust, environmental and health & safety regulations. The deadlines were also very strict in line with the overall project management of the new build.

MB Heating needed to use Diamond Core Drills to run holes through new double skinned brickwork of various aggregates to accommodate boiler flues at 127mm Diameter using a 150mm and 300mm length slotted core drill. This method of drilling ensured the transmission of vibration, noise and dust was kept to the lowest possible level throughout the project.

The work undertaken had to be of a very high standard and due to the tight deadlines, with the chosen core drilling solution needed to provide a clean, well positioned hole, with a core that had a long life and cut fast. Reliability and after Sales Service were also important considerations.



## THE SOLUTION

The use of diamond drill bits makes cutting more accurate, and as a result carried out to a higher standard. Increased accuracy also means a reduced risk of inadvertently causing structural damage. As an added bonus, more accurate drilling means less dust and debris is produced, which can help save both time and disposal costs.

Diamond drilling is a process used by the professional industrial and construction sectors and is widely regarded as the benchmark method for drilling holes. By using a powerful Drill motor with a diamond core drill bit it is possible to drill through most materials including all types of bricks, regardless of the aggregate - cleanly, with less dust, vibration and noise.

Using a Diaquip QDM-150 D Elite Dry Diamond drilling motor with Diaquip K50 Coredrill produced very little noise and dust due to the combination of a powerful motor, the slotted barrels and the twisted rooftop design of the K50's segments.

Each QDM-150 is backed by Diaquip's Max Uptime™ Service featuring 2 years warranty on all DQ Machinery and 1 year on all drill rigs with a lifetime ownership guarantee for a next working day replacement loan drill.



## THE RESULT

MB Heating used QDM-150D Elite drill motors, with the K50 Coredrill. The project was completed ahead of time and within budget. The QDM-150 D is a powerful, well balanced motor. As a result it is suitable for use in difficult situations, such as confined spaces and for using both 150mm and 300mm length core drills at 127mm diameter. MB Heating Engineers were delighted with the speed, life, performance and results.

**"MB Heating have used Diaquip as our Coredrill and motor supplier for over a year, and I have been hugely impressed by their products and their service. We are delighted with the QDM-150D Elite, it has made our work a lot easier and we find it easy to use, fast and very reliable. Diaquip really know the Diamond Drilling business and I would recommend them highly to anyone."**

Paul Griffiths – MB Heating Limited

See the video of DQ  
Machinery QDM-150 Elite  
[Click here](#)



See the Max Uptime™  
Video Overview  
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