

SPECIALISTS IN
UNDERGROUND
INSTALLATIONS

ENERGY
EFFICIENCY

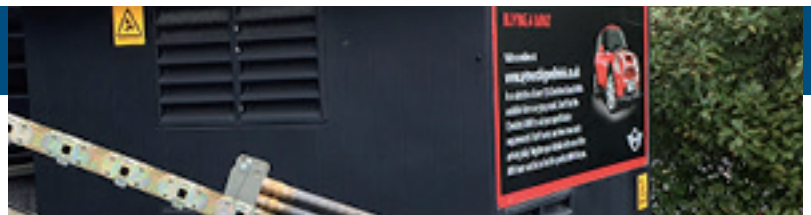
DIRECTIONAL
DRILLING &
MOLING



WWW.MOLEUTILITIES.CO.UK



MOLE
UTILITIES



The design and size of our rigs allows us to access jobs that other larger drill companies cannot do. A significant proportion of our projects come from a niche market consisting of mid-sized, and/or awkward to access jobs.

Clients have told us they we were the only company that could complete their project, due to our unique hybrid rigs, modified

to require compact set up area and small entry and exit excavation. Our range of drilling and moling equipment allows us to deploy the appropriate tool for most underground installations.

If you have a problem that you think might require drilling work, it's likely we will have seen it before and will be able to provide a full solution.



WE ARE ONE OF THE MOST EXPERIENCED DRILLING FIRMS ANYWHERE IN THE UK

David Furlong set up Mole Engineering in 1990, bringing moling technology to the UK. Since then Mole has specialised in commercial and domestic underground installations of all kinds throughout the country.



ABOUT US

DRILLING & MOLING SPECIALISTS

Mole Utilities are specialists in Horizontal Directional Drilling and Moling. We work with major contractors and companies directly to carry out their underground pipe, ducting & cable installations quickly, efficiently and with minimum disruption.

We are uniquely capable in our market as our drill rigs are designed for jobs that are too fiddly for the big drillers, and too ambitious for the small domestic moling firms. At Mole Utilities we are happy to tackle solutions for tricky underground installations and pride ourselves on being able to find solutions to nearly any underground installation problem. We can take care of the whole underground installation process, from start to finish, including searches, plans, license to bury cable underground, drilling, installation and reinstatement.



one of the UK's most experienced drilling firms



underground installation specialist engineers



small footprint rigs, Aztec and 4X

▶ OUR CLIENTS

With 20 years experience Mole Utilities successfully undertake dozens of directional drilling, moling and engineering projects each year – including contracts for Tesco, the London Olympics, construction and utilities companies.

Our client list includes blue-chip companies and we have been completing major commercial contracts since 1993. But we are also proud of our reputation for dealing with all jobs, from the largest to the smallest, professionally, efficiently and effectively.

We have worked on diverse contracts requiring small-bore precision drills on major projects including Channel 4's Grand Designs, Tesco, London Olympics, the Ministry of Defence and the Environmental Agency, as well as smaller contracts throughout the UK.

We have carried out projects for schools and colleges, agricultural establishments and farms, zoos and gardens, student housing, housing associations, factories, business parks, retailers, architects and property developers

- ▶ network cable installation
- ▶ Schools and Colleges
- ▶ Construction
- ▶ Utilities
- ▶ Heritage Sites
- ▶ Holiday Parks
- ▶ Security Communication
- ▶ Local Councils and Housing Associations
- ▶ Restricted Sites (military bases, prisons)



26 HOUSE WATER PIPE REPLACEMENT FOR NATIONAL ASSEMBLY FOR WALES

We were asked to replace lead water pipes from 26 houses in Wales. Our experts assessed the sites and decided on a programme of directional drilling and moling to install brand new mains water pipes to the properties.



CAR PARK SPRINKLERS AT GATWICK AIRPORT

We completed the installation of a new 180mm MDPE water pipe to a long stay car park at Gatwick south terminal. The service sprinkler system was connected to the main utilities at a distance of 330m under a service road, two drainage ditches, beneath other car parks and across a field and wooded area.

▶ WHY CHOOSE MOLE?

We complete underground installation projects on-time, on-budget and to a high standard. If you need to go underground, Mole Utilities can help.

FULL-SERVICE ENGINEERS

We provide an end-to-end service for underground installations, either direct to clients or via a main contractor.

From initial quote through to site reinstatement, Mole Utilities can handle your project from start to finish, including plans, searches and permits.

Our directional drilling technique allows an extremely high degree of accuracy, and we can nearly always hit within 25mm of our target, even over runs of 100m+.

Our drilling teams are professional, courteous and experienced. We pride ourselves on quick set up, with minimum disruption.



PROFESSIONALISM

EXPERIENCE

ACCURACY



COMMITTED TO HEALTH & SAFETY

Our team and our reputation is important to us, and we take Health and Safety seriously. We are proud to have achieved and maintained **Contractors Health and Safety**

Assessment Scheme (CHAS). Mole Utilities work closely with our external Health and Safety consultant to ensure we are up to date and compliant with any changes in Health

and Safety legislation, and operationally our Project Manager will provide detailed risk assessments and any site specific Health & Safety documents.

FULL RISK ASSESSMENT

SSIP

UP-TO-DATE

▶ OUR SERVICES

Our HDD and moling rigs can be used to install a huge range of underground pipes, cables and ducting with minimal surface disruption and in challenging situations.

SPECIALIST ENGINEERS

As Directional Drilling Specialists, we offer an alternative to trenching by installing services underground using an impact mole or directional drill. Many clients need to minimize surface disruption and have site preservation issues to consider which would render trenching inappropriate. The method we use, moling or drilling, depends on the elements of each specific job such as accessibility, ground conditions, human/vehicular traffic and distance to cover.

Vital utilities or services that underground installation can facilitate are: water, gas, electricity, drains and communication networks

Mole Utilities is also able to assist installers of wind turbines, solar farms, outside lighting, CCTV and fibre optics in the provision of their services.

“ Your service was excellent, all staff helpful and friendly, and everything left spick and span. Cannot recommend you all highly enough. ”

“ Efficient, friendly, professional and totally reliable...can I just express my total satisfaction. Surely the best money I have ever spent! ”

WATER, GAS, ELECTRIC

COMMUNICATIONS

DRAINAGE

HORIZONTAL DIRECTIONAL DRILLING (HDD)

HDD (Horizontal Directional Drilling) is a method of installing pipes, cables or conduits without digging trenches. Mole Group have been specialist directional contractors since 1993, including the use of dry reaming to reduce environmental impact.

Horizontal directional drilling (HDD) is a precision drilling technique that can be used for a range of underground installations. It is used when trenching or excavating is not practical, possible, or not viable environmentally or economically.

Our directional drill rigs can cover distances of up to 250m in one drill and install ducts up to 300mm diameter. Suitable for

**Minimum disruption
(to road, rail or
pedestrian traffic)**

Cheaper

Quicker

**Environmentally
Friendly**

Small Footprint

No scarring

many applications, they are surface launched and steerable, precise to within 25mm.

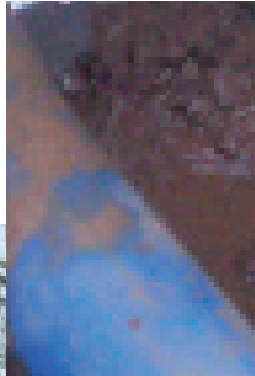
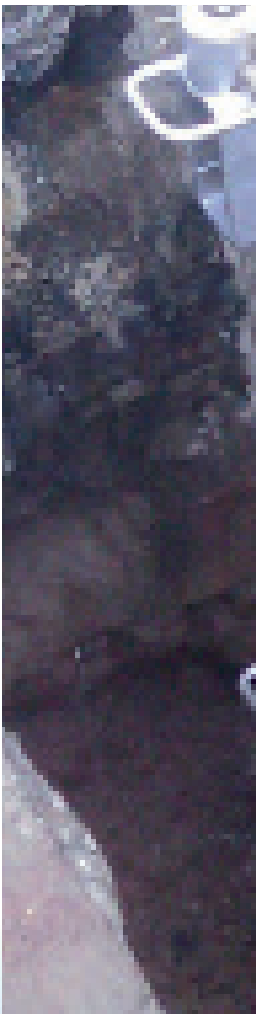
We are also able to install new drains to manholes in the road by precisely drilling at a constant fall of 1:100 without excavating the ground around the property.



“

Your professionalism when encountering a problem with underground drilling and providing an alternative within the day was quite gratifying. Thank you for all your efforts, hard work and getting the job done with the minimum of fuss and delay.

”



UNDERGROUND INSTALLATIONS

DIRECTIONAL DRILLING

CIVIL ENGINEERING

IMPACT MOLING



ENERGY EFFICIENCY SPECIALISTS

Green Mole is the specialist energy efficiency division of Mole Utilities. We provide green and energy saving products and services

to both domestic and commercial customers throughout the UK, helping them increase energy efficiency, act responsibly, and save money. We are

the first company in the UK to introduce the revolutionary all-in-one solar system, SmartFlower.



Whitfield Business Hub, 180 - 200 Pensby Road,
Heswall, Wirral, CH60 7RJ



Phone: 0333 335 9929



Email: info@molegroup.co.uk



Delivering high quality moling & directional drilling
engineering projects on time and on cost

WWW.MOLEUTILITIES.CO.UK