Worldwide offshore drilling & specialist marine construction
LDD, an Acteon company, undertakes all types of tubular installations in near and offshore marine environments, specialising in large diameter drilling and piling. Our service packages are complemented by specialist sub-sea lifting & handling equipment, down-hole tools, techniques including Drive, Drill, Drive (3D) and strategic partnerships to offer enhanced capability.

“It’s refreshing to pay someone to do a job and have them just go out and do it.”
VAALCO energy, Houston, USA

Worldwide marine drilling and specialist services:

- Specialists in Offshore Drilling & Marine Piling Construction
- Experts in Tubular Installation Services including Drilling, Driving & Grouting
- Supporting range of Specialist Lifting & Handling products, including the StabFrame, a modular subsea piling frame
- Design, Engineering & Manufacture of purpose-built equipment including Modular Marine Derricks.

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“Our experience is that LDD personnel have a high level of competence at all levels of their organisation.”
Clough, Australia

Our services include rental of hardware (drills, pile lifting and handling tools, subsea piling frames, etc.) with supply of specialist personnel to operate our equipment. Also we specialise in comprehensive installation packages that include all hardware and full project management, complete with fully developed construction and installation engineering plans.
Who are we?

We are a team who are passionate about marine drilling and construction and we take pride and care in our work. We thrive on challenges and on building strong relationships with our clients. We plan for success and strive to exceed our customers’ expectations. We recognise that delivering safe and successful services in the marine environment requires experience, knowledge and commitment. To meet this requirement we employ qualified and experienced people who come from a range of backgrounds, including marine construction and drilling, mechanical and civil engineering, mining and geological and environmental sciences.

LDD is an Acteon company. Acteon is a group of specialist engineering and service companies serving the global offshore oil and gas industry. We work closely with other Acteon companies to deliver a range of services in a fully integrated way. Please visit www.acteon.com for further information.

What are our aims & values?

We aim to be the world leader in marine drilling and pile installation services. Achieving this aim is based on a thorough understanding of our clients’ needs; showing what additional services we can offer for their benefit. This in turn requires a dependable, innovative engineering capability and a thorough understanding of the marine environment to develop modern drilling & piling methods and equipment. We aim to continually push boundaries to safely deliver increasing value to our clients and thrive on offering new and cost effective solutions to meet their challenges.

The provision of our services often lies on the critical path of high profile projects, working from high cost support vessels, sometimes in extremely remote locations. Within all projects we act professionally and we are respectful to the environment and local communities at all times. We meticulously plan our operations in close co-operation with our clients to ensure fieldwork runs safely and according to plan. We uphold a policy of “zero harm” to us and those around us and to ensure minimal downtime.

““They know their business; bring certified, qualified people; have the equipment, are easy to get along with and knowledgeable.”

VAALCO energy, Houston, USA

““The planning and execution of their works was exemplary and produced an excellent result.”

McConnell Dowell Constructors Ltd, New Zealand

committed creative dependable experienced results orientated

collaborative customer focussed global professional safe & efficient
We pride ourselves on the comprehensive Tubular Installation Services we provide to our clients. Our service offerings range from basic equipment and personnel rental to complete pile installation contracts. We rely on our extensive experience in design and engineering of purpose-built solutions, plus the complementary capabilities of our colleagues within the Acteon Group to ensure whatever the job, whatever the location, we have the right solution to deliver success on your project.

Drilling services up to >6m in diameter, using reverse-circulation and down-the-hole hammer techniques

Piling services including drilling, pile driving (both impact and vibratory), grouting and pile lifting and handling

Design, engineer and build of customised equipment and solutions

Subsea Piling frames (StabFrame)

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Design & Engineering

LDD provides purpose-built, unique solutions and equipment, designed and engineered in-house by our highly experienced design team, using the latest 3D CAD software, engineering and Finite Element Analysis packages. LDD delivers equipment globally via an effective and supportive supply chain.

Under-reaming

LDD is second to none in the design, supply and operation of under-reaming drill systems. As proven on many projects around the world, our under-reamers are both effective and very reliable. They are a key factor in the efficacy of our 3D (Drive, Drill, Drive) Pile installation technique and borehole roughening capabilities.

Lifting & Handling

We design, build and operate an extensive range of pile-lifting and handling tools for marine and offshore requirements both above and below water. For example, LDD’s StabFrame range of sea-bed piling frames facilitate the support of piles from <36” to >96” for driving operations in shallow and deep-water. This capability is offered together with pile driving through our partnership with sister company MENCK and our range of pile lifting and handling tools to provide mooring pile installation services to the world’s FPSO markets.
Where do we do it?

With piling from Scotland’s West Coast to the jungles of Papua New Guinea, LDD supply and operate purpose-built equipment from deep water piling off the Brazilian coast to specialist drilling tools for Australia’s North West Shelf. With the provision of specialist Drill Operators from the deserts of Dubai to the deep waters off Papua New Guinea, we have demonstrated our reliable and resilient capability around the world and in all major marine construction sectors.

Oil & Gas
We undertake drilled and grouted or drilled and driven foundations for an array of offshore structures including jackets, pipeline and manifolds, single point moorings, FPSO moorings and drilled pre-conductors and conductors.

Renewable Energy
Our expertise covers drilling, driving and grouting services for all types of mono-pile and jacket foundations, including pre-installation of jacket piles for wind turbines, meteorological monitoring masts, marine current turbines and wave energy converters. Our LD5000 drill rig can drill up to a 7.0m diameter hole, with capacity to underream inside and below the base of pile foundations. Combined with our pile lifting and handling equipment, a complete foundation installation service is offered.

LNG & Resource Terminals
Our techniques are perfectly suited for the installation of large diameter mono-piles or small diameter clusters to form mooring, berth and access trestle structures for the world’s LNG transfer terminals and resource import and export facilities.

Civil Marine Structures & Facilities
Our techniques and experience can be applied to all major installation applications in the marine environment and can also be adapted to land based projects. We are able to support projects to construct bridge foundations, ports, harbours, marinas, jetty’s, slipways and beacons.

Marine Risers & Shaft Drilling
Our Marine Riser & Shaft Drilling services are provided for intake and outfalls structures for waste water treatment works, desalination schemes and cooling water for power generation facilities. LDD shaft drilling systems can also be adapted to drilling land-based projects including access and ventilation shafts for mining projects.

“Where do we do it?...

“The drilling went very well. It is the first time we had been involved in drilled emplacement of piles. The LDD team was helpful and walked us through the process.”

Cal Dive International, USA

“In my view LDD present a very competent and highly qualified organisation, and would be a welcome Contractor on any project work.”

Clough Curtain Joint Venture, Australia
What are our achievements?

We have a track record of delivering critical engineering solutions to new challenges; right first time, on time and on budget and our focus on this will continue to be central to our future success.

We are entrusted to deliver our services to major Oil and Gas, international Marine Construction and offshore Renewable Energy companies and have received outstanding feedback over our years of operation regarding our approach and quality of service.

The LDD team is proud to be involved in the growth of a company with a positive “can do” culture that works seamlessly alongside our clients with a genuine and strong emphasis on zero harm. In addition, we have a clear, concise and effective set of quality procedures that are fully integrated into our day-to-day work.

Why choose LDD?

LDD is a dedicated and specialist offshore drilling and marine piling contractor, offering comprehensive foundation, tubular installation and drilling services up to >6m dia. in virtually any soil and rock type, anywhere in the world.

LDD is unique in providing complete installation service packages in all water depths >2000m through the provision of drilling, driving and grouting services, subsea support equipment and lifting and handling tools.

LDD designs, engineers and operates purpose-built equipment to provide our Clients with the most efficient equipment and service solution to best suit their project requirements.

“...it would be difficult to improve on the service provided”
Subsea Minerals, UK

“They were extremely professional and have some impressive equipment, some of which they designed and built especially for this job.”
Cal Dive International, USA
we understand the problem
we engineer the solution
we deliver the service

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