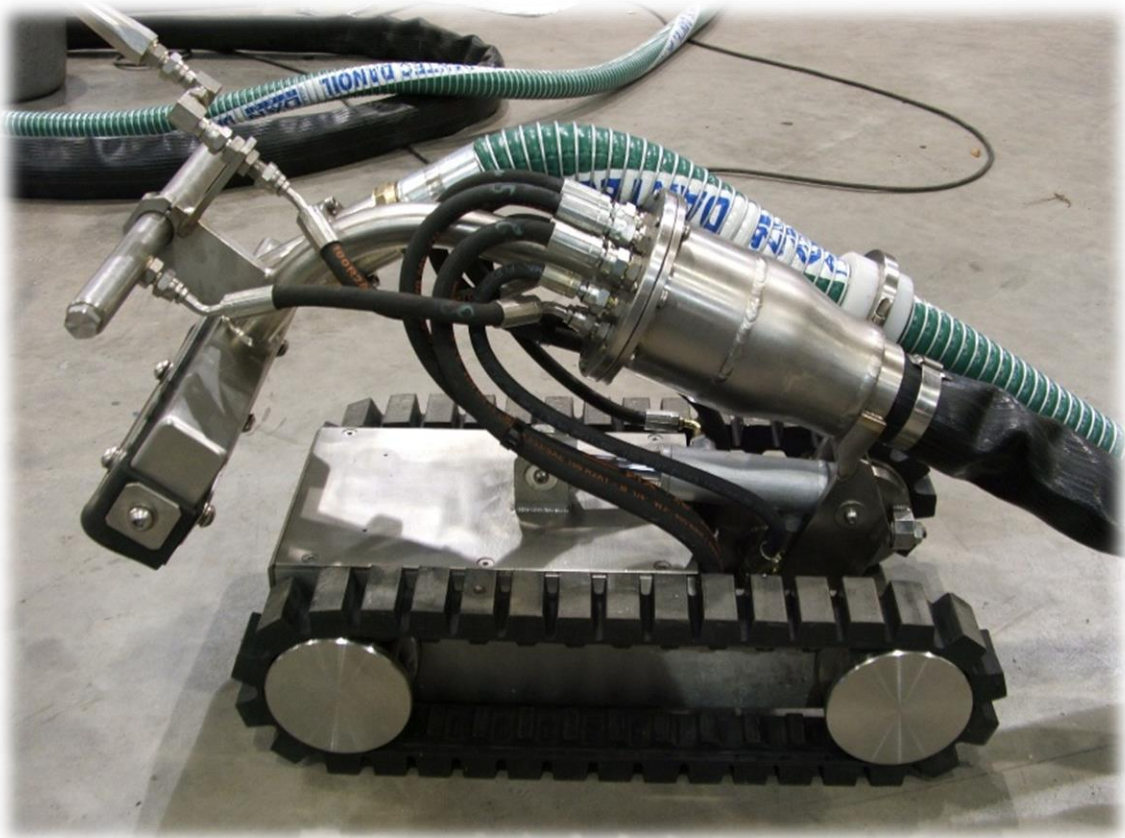




Petrack



Remote Systems for Hazardous Environments



About Us

Established more than twenty years ago, Non Entry Systems Ltd (NESL) is a leading global manufacturer of specialist non-man entry tank cleaning equipment, sludge handling equipment and sludge treatment & oil recovery plants.

NESL is located in Swansea, South Wales in the United Kingdom and operates from an eighteen thousand square-foot facility. As all equipment is conceived, designed and manufactured on-site the facility incorporates offices, R&D, design, fabrication, assembly, testing, preparation & painting, and electrical workshops.

NESL are renowned experts in the design, manufacture and delivery of specialist equipment and systems and offer quality tailored solutions and systems that meet the needs of professional safety conscious contractors. We work closely with our customers, suppliers and end users to ensure compliance with the varying regulatory specifications in different countries. All NESL products are built to operate and last in hazardous environments and as such all products conform with the latest industry regulations such as ATEX, UL, and CE. In addition, all of the company's products are designed with functionality and user-friendliness in mind.

To ensure the highest standards possible, NESL has its own project managers who oversee each and every build. Components not manufactured in-house are sourced from trusted suppliers not only locally but from around the world that meet the same high levels of excellence as NESL. Each major component is catalogued, every serial number recorded and each item of equipment built by highly trained and experienced individuals.

All of the company's products and systems are the result of decades of design, testing, engineering expertise, innovation, dedication and first-hand experience of tank cleaning and its challenges. All these factors have contributed to NESL's equipment operating on storage facilities and refineries around the globe. Through our network of global agents, we are able to respond to any request, at any time.

Clients Include

- Department of Energy – United States
- IBKA – Europe
- Veolia – Europe & United States
- Evergreen – Canada & United States
- Waste Reduction Services Ltd – United Kingdom
- KSS – Kazakhstan
- Environ – Nigeria
- Sepor – Spain
- Clean Harbors – United States
- PSC – United States
- NG – Norway
- Denholm Macnamee – United Kingdom
- PetroTech Services – United Kingdom

Products & Services

Whatever requirements you or your client have we have a solution available and in the rare circumstances we don't have one readily available, we'll work with you and your client to find one. NESL have been put to the test many times in the past and have always been able to provide an innovative, cost effective and safe solution.

The Petrack is a certified ATEX Group II Cat 2 environment (Zone1) cleaning & inspection system that has been designed specifically to clean underground storage tanks at fuel depots and filling stations.

Designed to pass through an 18" manway opening the unit can be lowered by hand or by using a lifting frame. The umbilical contains all the hydraulic lines and water jetting lines for the unit and a separate suction line is used for product removal.

Each Petrack system comes with a dedicated command & control center that houses the control desk / unit, screens for camera viewing, HDD DVD recorder and the gas detector station. If required a combined heating / air conditioning unit can also be installed.

The second compartment which is designated as the equipment room contains all of the other system equipment which includes the Petrack vehicle, hydraulic power pack, overview camera and umbilical on reel.

The overview camera is lowered into the manway once the Petrack is in place and is supported on the manway with the supplied stainless steel brackets. From the manway a single umbilical is used to join the camera and petrack to the control vehicle.

The Petrack can be fitted into any type of van, lorry or trailer and if required a small hydraulic crane can be installed where the canopy is being installed on a high vehicle.

The Petrack is fitted with a range of jetting nozzles as well as spray bars to ensure total coverage of the tank.





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