



DRAINAGE SERVICES



FROM THE GROUND UP

TRUSTED IN DRAINAGE

With over 40 years of experience, and an extensive fleet of drainage vehicles and equipment, our team carries out a diverse range of domestic and commercial drainage projects across Scotland.

DESCRIPTION OF SERVICES

W M Donald has invested in a range of advanced drainage plant and technology which, coupled with our team of experienced professionals, ensures that we are able to provide an expert service to our clients.

W M Donald provide a range of drainage services, including:

- Drain, Sewer and Culvert Cleaning
- CCTV Surveying
- 24 HR Emergency Blockage Response
- Gully Cleaning
- Planned Maintenance
- Septic Tank Emptying
- Tank Cleaning
- Patch Lining
- CIPP Lining
- Drain Repairs
- Sewer Identification & Mapping Services
- Topographic, GPR & Utility Surveys
- SUDS Desilting
- Specialist Operations
- Suction Excavation





KILO WHALE LIQUID RING HIGH VOLUME JET VAC TANKER

The KILO Whale provides powerful jetting and vacuum performance for deep sewer cleaning and maintenance.

With its impressive capacity, KILO Whale provides high power vacuum and has the

capability of lifting waste from depths beyond the constraints of vacuum loading.

The KILO Whale has an equally impressive jetting system with flows and pressures of 200lpm @ 140 bar.

SPECIFICATION:

Vehicle:	26 ton 6 wheel
Jetting and Performance:	Up to 200lpm @ 140 bar
Vacuumation:	Liquid Ring pump 2300m ³ / hour

APPLICATIONS:

Large/Medium sewer cleaning
Culvert cleaning
Wet well cleaning
Waste Transfer
Septic Tank Cleaning
Interceptor Emptying
Tank Cleaning

KILO WHALE JET VAC TANKER



FEATURE LIST

2300cfm liquid ring pump

Pratissoli MK60 high pressure jetting pump
(200lpm @ 140 bar)

Main hose reel - 150m

Range of specialist nozzles

75 metres of ½ inch hose for smaller diameter
and washdown

CURRENT CLIENTS

Infrastructure projects

Water companies

Housing Developers

Local authorities

Pump maintenance companies

Construction Companies

FROM THE GROUND UP

WM Donald has an extensive range of High Pressure JetVac tankers for drainage and sewer cleaning.

Our high-pressure jetting units can dislodge the severest of blockage and in suction mode, the equipment has the capability to remove both wet and dry material including silt, liquid waste, general debris, granulated and shredded solids or compacted sewage.





KAISER WHALE RECYCLING JET VAC TANKER

The KAISER Whale is recognised in the UK as the leading highly specialised sewer cleaning solution with continuous dirty water recycling.

By effectively reusing dirty water for Jetting and Performance, the KAISER Whale maximises time spent working, whilst minimising time wasted tapping into precious clean water supplies.

SPECIFICATION:

Vehicle:	32 ton 8 wheel
Jetting and Performance:	400lpm @ 200 bar
Vacuuation:	Liquid Ring pump 3100m3 / hour

APPLICATIONS:

Large sewer cleaning
Culvert cleaning
Wet well cleaning
Waste Transfer
Interceptor Emptying
Tank Cleaning

KAISER WHALE RECYCLING JET VAC TANKER



FEATURE LIST

Powerful Liquid Ring Vacuum Pump providing
3100m³ / hr / 1825cfm

6" hose for deep lifting capability

Continuous Dirty Water Recycling

Specifically designed to be a multi-purpose
heavy-duty contractors vehicle

Can save up to 190,000 litres of fresh water
when recycling per shift

Jetting with fresh or recycled water

Rotomax 500micron Self-cleaning Filter system

Full range of Specialist Nozzles

Tower lights for safe 24hr working

CURRENT CLIENTS

Infrastructure projects

Water companies

Local authorities

Pump maintenance companies

FROM THE GROUND UP

**WM Donald has an extensive range of High Pressure
JetVac tankers for drainage and sewer cleaning.**

Our high-pressure jetting units can dislodge the severest of blockage and in suction mode, the equipment has the capability to remove both wet and dry material including silt, liquid waste, general debris, granulated and shredded solids or compacted sewage.





GULLY WHALE JET VAC TANKER

The GULLY Whale is multi functional vehicle ideal for working on mainline sewers, gullies and drains.

It provides an excellent solution for emptying and cleaning roadside gullies fast and efficiently.

It is also equipped with high pressure water jetting to clear gully connections and domestic drains. The vacuum tank can be used to empty septic tanks and interceptors.

SPECIFICATION:

Vehicle:	18 ton 4 wheel
Jetting and Performance:	Up to 120lpm @ 120 bar

APPLICATIONS:

Medium sewer cleaning
Pre adoption cleaning
Gully cleaning
Septic tank cleaning

GULLY WHALE JET VAC TANKER



FEATURE LIST

Tank capacity 6800 litres (1500gal.)

Mistral Vacuum Pump 245 cfm

ORCA Jetting Pump with 125lpm at 125 bar

Gully emptying boom with air & water jets

Hydraulic powered self-aligning hose reel

CURRENT CLIENTS

Infrastructure projects

Water companies

Local authorities

Pump maintenance companies

FROM THE GROUND UP

WM Donald has an extensive range of High Pressure JetVac tankers for drainage and sewer cleaning.

Our high-pressure jetting units can dislodge the severest of blockage and in suction mode, the equipment has the capability to remove both wet and dry material including silt, liquid waste, general debris, granulated and shredded solids or compacted sewage.





iPEK ROVION PIPELINE INSPECTION SYSTEM

The iPEK ROVION EX pipeline inspection system is certified for use in Zone 1 environments, is suitable for pipe diameters from 100mm - 2200mm, has a pan, tilt and zoom camera and comes with armoured cable reel containing up to 300m of cable.

The Zone 1 EX rating means that the crawler camera can be used for inspections in a potentially explosive environment caused by flammable gases, vapours or by combustible dusts.

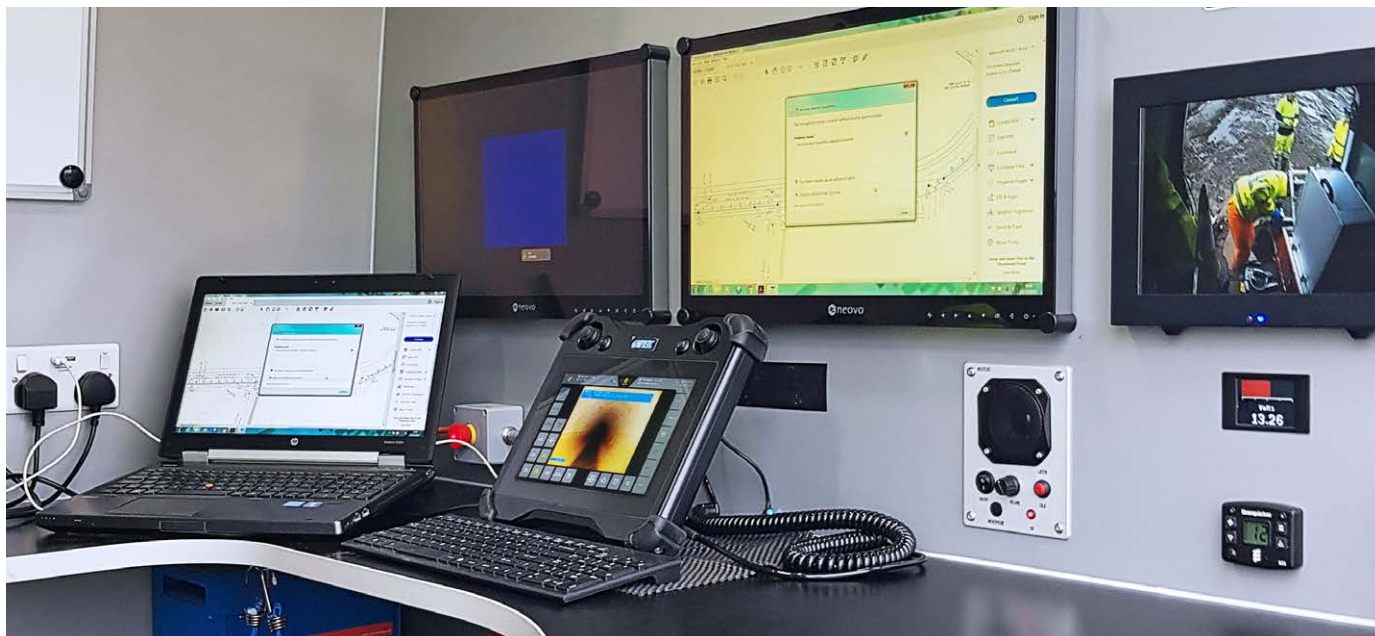
SPECIFICATION:

Control panels:	Vehicle Installation & Mobile
Cable Reels:	Manual & Automatic
Crawlers:	100mm - 2200mm fully remote
Auxiliary Lights:	Pan & Tilt, Zoom
Cameras:	Pan & Tilt, Zoom

APPLICATIONS:

Inspection of pipelines in zone 1 rated areas
Checking of branch pipelines
Examination of boreholes
Pre-adoption surveys
Asset condition surveys
Flooding and pollution tracing surveys
Remote inspection in inaccessible areas

iPEK ROVION PIPELINE INSPECTION SYSTEM



FEATURE LIST

Operational in explosion-protected areas where combustible gases are likely to build up and be an issue

Crawler and push rod systems allow for surveying of 100mm to 2200mm pipes

Fully remote reel, 300metres , and control unit allow for used in, normally, inaccessible areas

High accuracy sondle locators to pinpoint

Full confined space equipment with van

Mobile upload of CCTV footage

CURRENT CLIENTS

Water authorities

Gas and oil installations

Commercial and industrial

Housing developers

FROM THE GROUND UP

WM Donald has an extensive range of pipeline inspection systems incorporating remotely operated robotic CCTV cameras.

Our expert surveys will locate drainage problems such as collapsed pipes, tree roots and blockages as well as assessing the integrity of structures and the serviceability of a pipeline.





MAINLINE 4X4 SEWER CCTV SURVEY UNIT

The CCTV Survey unit is a 4 x 4 vehicle which acts as a mobile HQ fully equipped to provide quick and efficient pipeline inspections in difficult to access locations.

As a rough terrain vehicle, the survey unit can operate in challenging environments. Performing efficient, accurate inspection

solutions, with reports immediately available on-site via 4G Cloud.

The Mini-Cam Proteus system within the vehicle allows communication directly between each piece of attached equipment, and can relay control and status information such as activity, speed and inclination.

SPECIFICATION:

Control panels: **Vehicle Installation & Mobile**

Cable Reels: **Manual & Automatic**

Crawlers: **100mm - 2200mm**

Cameras: **Pan, Rotate, Zoom**

APPLICATIONS:

Inspections of pipelines

Checking of branch pipelines

Examination of boreholes

Pre-adoption surveys

Asset condition surveys

Flooding and pollution tracing surveys

MAINLINE 4X4 SEWER CCTV SURVEY UNIT



FEATURE LIST

4 x 4 vehicle which can operate in rough terrains

Crawler and push rod systems allow for cctv surveying of 100mm to 2200mm pipes

High accuracy sonde locators

Full confined spaces equipment in van

Mobile upload of footage via 4G to Cloud

CURRENT CLIENTS

Housing developers

Water authorities

Gas and oil installations

Commercial and industrial

Home owners

FROM THE GROUND UP

WM Donald has an extensive range of pipeline inspection systems incorporating remotely operated robotic CCTV cameras.

Our expert surveys will locate drainage problems such as collapsed pipes, tree roots and blockages as well as assessing the integrity of structures and the serviceability of a pipeline.



CONTACT US

W M Donald Limited
Marrlaine, Netherley
Stonehaven, AB39 3QN
info@wmd-drainage.co.uk
01569 730590

