

FLOWPLANT

DUCT DESILTING EQUIPMENT



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CLEARING THE WAY FOR NEW FIBRE OPTIC NETWORKS



...ducts can be
cleared without
digging...

The telecommunication industry relies on a vast network of underground ducts.

Big problems occur when they become blocked with silt carried deep into the system by rainwater.

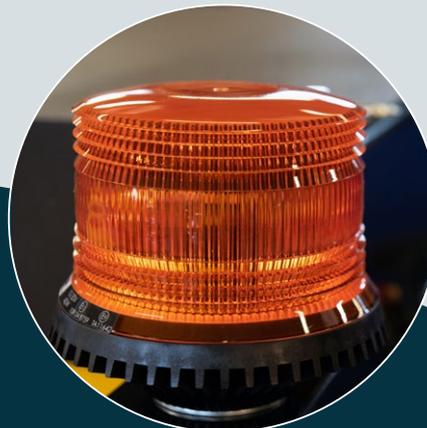
Ducts can be crowded with existing cables so the cleaning method must be gentle but powerful.

Working for years with network providers and contractors, Flowplant has developed a unique desilting system, able to meet all these requirements.

Designed for the telecom industry the Harben Desitter's unique high pressure water technology gives engineers the method to unblock, clean and rope ducts in one seamless process.



...reducing the time getting cables through blocked ducts, slashing costs and reducing the need for traffic management, all with one machine...





Harben Desilters are available in trailed or vehicle mounted versions.

On our mounted Desilters we can provide various water tank options to match the carrying capacity of your van or truck.

Mounted Desilters are popular when traffic or driving licence restrictions limit the use of our more powerful trailed systems.



Contact us at sales@flowplant.com for details on our trailed and van mounted systems

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HOW IT WORKS

Duct desilting is a tough challenge. In situ cables must not be damaged, hard blockages must be cleared and long distances must be cleaned.

The solution comes in the form of a pulsing water jet created by the Harben Jump Jet™ system. The pulsations flex a special lightweight hose helping it to travel hundreds of meters into the duct, clearing silt as it goes. Unlike any other cleaning system the Harben Desilter works at pressures which do not risk cable damage but unbelievable it can still clean vast lengths, with a small amount of water.

...the Harben Desilter uses pressures which do not risk cable damage...

...operators have cleaned more than 500m from a single entry point. The combination of Harben pump, Jump jet and low friction hose is impossible to beat...



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CIVILS AVOIDANCE

Civils avoidance is a top priority for the telecom industry. Digging down to clear blocked ducts is expensive and disruptive. The Flowplant Desilting system has a proven track record, clearing blockages in thousands of ducts where the only alternative would have been road closure and excavation.

Diversion



**ROAD
CLOSE**

...ducts can often be cleared in a matter of minutes so the cost savings achieved by using the Harben Desilter system often run into thousands of pounds on a single job...

View our
Desilter range online at
[www.flowplant.com/
product-category/
duct-desilting/](http://www.flowplant.com/product-category/duct-desilting/)

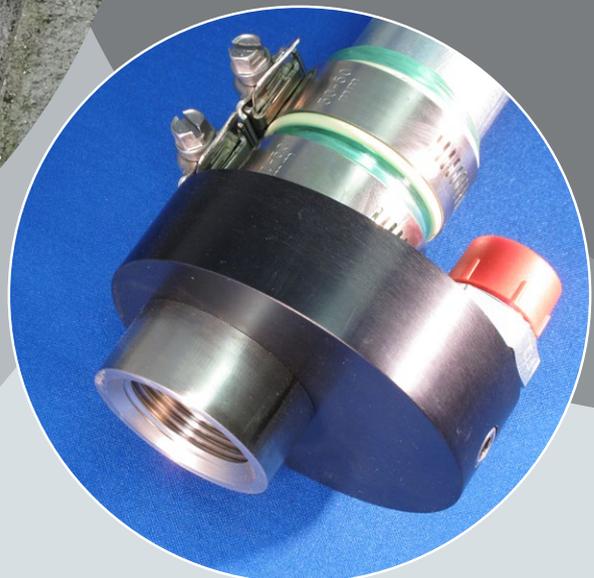
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CUSTOMISE TO OPTIMISE

Developed in partnership with the engineers who use our Desilters every day we can offer a range of accessories to make the working day even more productive.

Venturi Jet Pumps

Pump silt or dirty water from boxes or manholes. These simple pumps powered by the Desilter have outputs up to 350 l/min. They can handle water, silt and grit with ease.



... jet pump performance is astonishing and its ability to handle silt and grit is second to none...

Meterage Counter

Able to give the operators an accurate estimate of how far the cleaning nozzle has travelled into the duct this option helps locate collapses in ducts.



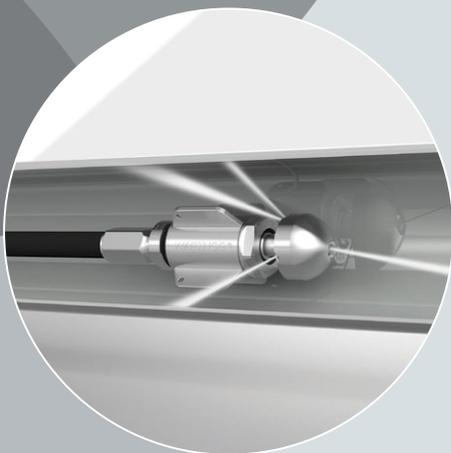
Tow Nozzle

A specialist Tow Jet Nozzle can be connected to the cleaning hose when the desilting nozzle has reached its destination. The eye can be threaded with a rope before being pulled back, roping the duct as it returns.



Sonde Nozzle

The ultrasonic sonde nozzle makes duct tracing and location a simple process.



Marrying Tool

This special Desilter nozzle connects directly to standard duct rods so the two systems can be used together if necessary.

Root Cutters

Nozzles with slow speed rotating heads can be used in empty ducts to cut out fibrous tree root growth, often found in cracked ducts or those with dropped collars. Even loose concrete and tarmac can be blasted from newly laid ducts.

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Industrial High Pressure Water Jetting Equipment

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