GROUND PENETRATING RADAR

STREAM C

The Stream C is the compact sister of the Steam DP, offering real-time 3D mapping of underground utilities and features. High accuracy means the Steam C is able to detect pipes and cables automatically.

Daily use of the Stream C is aided by options to tow manually or with a small vehicle and a motor assisted drive wheel, facilitating large surveys.

STREAM C

Advantages:

- Highly productive as surveys only need to be performed in one direction to ensure optimal detection of both longitudinal and transversal pipes
- An automated system that uses electronic ride height adjustment and detects and locates the position of pipes in real time
- As the system can be towed manually or with a small vehicle, survey can be undertaken faster without compromising accuracy

System Features:

- Massive array of 34 antennas in two polarisations: this enables an accurate 3D reconstruction of the underground utility network to be created in a single scan.
- Automatic Pipe Detection (APD): real-time automatic detection of buried pipes and cables.
- Compact size: Stream C's small dimensions enable it to survey areas inaccessible to larger array systems while maintaining the same accuracy.
- Robust construction: built to the highest standards and with hardwearing materials so that it can be used in harsh, demanding environments.
- 3D radar tomography: real-time tomography on a GPS or total station assisted cartographic background.
- Professional subsurface survey: pipes, cables and buried objects can be automatically transferred to CAD and GIS formats allowing a complete subsurface GIS based digital map to be quickly produced.

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