



Summary

Industry:	Water & Waste Water
Application:	Mobile survey plant
Actual Saving:	£n/a
Payback Period:	n/a

Fenner®

Added Value for OEM

ERIKS solve design questions with product and engineering expertise

ISSUE

An ERIKS OEM customer needed to design a solution which would allow users to access services underground, neatly, quickly and with minimal disturbance to the surrounding land.

SOLUTION

The customer was designing a mobile piece of plant that would both dig down to services in a controlled way and also keep waste and dust to a minimum. His solution was to mount a compressor and a vacuum pump on the back of an all terrain vehicle to both dig the hole and keep the area as clean and clear as possible.

The customer was concerned about how he would get the power from the PTO shaft to the pump and vacuum. He contacted ERIKS Drives Core Competence Centre who offered both product and engineering expertise. ERIKS solution included a large right angle bevel gearbox, with an oil cooler to help keep the gearbox oil cool when transmitting the full 270BHP which the engine could deliver. Torque limiting clutches helped to protect the compressor and vacuum, these were both run via speed increasing drives fitted with high performance Fenner Quattro plus wedge belts.

The machine has been at a large civil engineering show and is at present being used by a utilities company as a test machine.

OTHER BENEFITS

- ERIKS product and engineering expertise added value through the design and build stage of this project

FURTHER COMMENTS...

It was very good to work with ERIKS, they understood the problems we had and together we came up with solutions that fitted into the tight footprint which we had to work with. Hopefully we will be building more of these units in the future.

Designer/Engineer
OEM Customer

MORE INFORMATION

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know-how makes the difference

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