

Easier working with "Smartshore inflatable trench shoring".

Wood or metal plates in trenches are heavy and difficult to handle.



The installation of an excavation support is not an easy task, and this user knows this from experience. He is the head plant manager of the gas department of a major gas utility and his company has to dig many trenches every day to build or repair gas and electricity infrastructure. "It is a legal requirement to place wood composite or metal plates from a depth of 1 meter, each measuring two by two meters and weighing about 50 kilos, or much more for metal plates. These are supported with four equally heavy bars. All this has to be done in a narrow trench full of cables and sewers - it's almost like being a snake person to do it."

The "Smartshore inflatable excavation support" weighs only 13 kg!

Now the gas department is using a new alternative to the existing panels: "Smartshore inflatable excavation support". This product consists of only 13 kilos of light lifting bags that are inflated with a compressor. The inflated cushions measuring 1,380 x 2,150 x 135 mm can be placed in pairs with adjustable supports against the walls of a trench. More sizes are available.

Safety valve:

The user was immediately enthusiastic when the supplier demonstrated this new product in a new project. In his opinion, the low weight is a huge advantage: "The cushions are easy to handle. Installation and inflation are also simple: you can put two cushions into a trench in no time at all. You don't have to worry about them exploding as you inflate them because they are equipped with safety valves. They also stay well fixed - we even tried to pull them out with a crane once, which failed. When the work is finished, you let the air escape from the cushions, fold them up and take them back to the station wagon. This means you no longer need an extra trailer. Based on the positive experience here in the gas department, our task force is thinking about using the system throughout the company."