

Dragbox



The mobile trench box for open terrain

In addition to the KRINGS trench boxes designed for the familiar processes of placement in the finished trench or dig-and-push, there are also Drag Boxes. This type of trench box is widely used in the USA, for instance, and is enjoying growing popularity in Germany because of its many advantages for certain projects and conditions.

The Drag Box has cutting edges at its front end (in the pulling direction). The dimensions of the panel are adapted to the needs of the project. Due to its especially rugged construction, large pipe clearances are also possible. The dimensions are limited only by the performance range of the hydraulic excavator employed.

The panel length should offer space for twice the pipe length, i.e. the average length of the Drag Box is approx. 4.0 m to 5.0 m. As it is pulled by an excavator in the direction of sewer installation, the usual processes of placement and lowering, storage at the side of the trench and re-placement can be dispensed with. The Drag Box is shifted as

the trench advances, i.e. the excavator employed shifts the box into its new position after pipe-laying and partial backfilling.

The main applications are sewer construction projects in open terrain. This type of shoring is particularly cost-effective if there are no or few pipes or cables crossing the trench. Pipes are laid solely within the protective confines of the Drag Box, so staff working in the trench enjoy maximum safety.

Further information on the Drag Box is available on request.

Basic data

Shoring length	4,60 m - 7,20 m
Height base unit	3,00 m / 3,50 m
Pipe culvert height	1,50 m / 1,90 m
Weight	2600 kg - 4506 kg