

Schoenbeck GmbH & Co. KG

Schoenbeck GmbH & Co. KG is a leading OEM and specialist for machine/plant engineering/construction, manufacturing equipment for the global market.

For the pipeline water, oil and gas industries, Schoenbeck manufactures new state-of-the-art vacuum pipe lifting equipment, all of which carry the brand name 'EliTE'. Its extremely wide pallet of lifters start with standard vacuum pipe lifters utilised in various applications of the pipeline construction and coating. During the last three years, Schoenbeck has introduced five new state-of-the-art models to the market, all of which have been very successful.

The standard EliTE vacuum pipe lifters have SWLs of 12 and 16 t. These models are usually equipped with hydraulic power rotators and are coupled up to excavators/backhoes. Common applications include truck on/off loading, stacking and pipeline stringing. Optionally, both models' units can be utilised for single crane hook pipe lifting applications.

Multi-purpose yokes

When coupled to an excavator, almost all manufactures of this type of equipment supply their vacuum pipe lifters with dedicated yokes, which permit the direct link of pipe lifter to excavator stick. This link is engineered and dedicated to one particular excavator/dimension only. If one substitutes the dedicated excavator for an alternative or optional brand/make, one almost always needs a new yoke. This can be expensive and time consuming. Schoenbeck has solved this problem by engineering its own multi-purpose yoke, which, since its arrival on the market has fitted to all customer available excavators. The new optional yokes are designed to fit almost any excavator manufactured today; Schoenbeck's partners and business associates also feel the flexibility of this feature when looking at additional rental business opportunities. Pipe lifters from Schoenbeck will conclusively fit into any excavator/backhoe.



ELITE LiTE excavator at work.



Crane applications.

Communal sector

A completely new EliTE LiTE vacuum pipe lifter model was introduced to the market with a SWLs of five and alternatively 8 t. This particular model was solely designed for excavator/backhoe use. The name EliTE LiTE was selected due to the extremely low net weight at the stick

end of the excavator. A mere 340 kg (750 lb) plus suction pad makes the unit a perfect match for smaller sized excavators. The power pack is mounted at the rear end/topside of the excavator and acts as an additional counter weight. This will not permit a smaller sized excavator to lift more than it was originally designed to do, but enhances the overall maximum lifting capacity of the excavator to be reached.

Twin hook, single hook and excavator rotator

The latest model from Schoenbeck was given the name EliTE 12TD 'triple lifter'. This concept was engineered specifically as an all-rounder. The flexibility of this model is enormous and allows customers to mount the same unit onto cranes (single hooks), twin hooks and excavators.

On request, Schoenbeck has now engineered a new EliTE model that will lift both pipes and heavy/light steel plates. Plate lengths can be anything from 6000 mm in width and 12 000 mm in length; pipe lengths from 6000 mm up to 24 000 mm. The max SWL of this particular unit will come in at 17 000 kg. Diesel and electrically powered units are optional. **WP**