SAFETY. CLEAN ENVIRONMENT.
ECONOMIC CONTROL OF DUST POLLUTION.
IT IS HENNLICH LOADING SPOUTS.

HENNLICH ENGINEERING is the leading manufacturer of telescopic loading spouts – we have been producing them since 1996. We create customized solutions for your bulk solid loading needs.

Our bulk loading spouts eliminate dust, eradicate material losses and increase safety when working with bulk solids.

ADVANTAGES OF BULK LOADING SPOUTS:
- fast return on investment
- control of dust pollution
- avoidance of penalties imposed by authorities for dust
- increased safety & cleaner environment
- simple operation
- easy maintenance

The loading spout is designed with the following parameters:
- product handled
- product physical properties (abrasive, corrosive, explosive, hygroscopic etc.)
- loading capacity
- particle size
- bulk density
- construction dimensions (retracted and extended length)
- temperature (ambient, product)

We offer three types of loading spouts to suit your needs:
1. Tanker loading spout (type NZU)
2. Truck/Wagon/Open pile loading spout (type NZO)
3. Combined loading spout (type NZK)
LOADING SPOUT FOR COMBINED LOADING

NZK loading spouts are designed for the efficient dust-free loading of dry, dusty bulk solids into both tankers and open vehicles or wagons.

Description:

- Upper part with basic plate, electric gearbox with motor drive.
- Loading conduit made of inner cones (or tubes) and outer dedusting bellows. Wide variety of material design – carbon or stainless steel, polyurethane, Hardox / bellows with temperature resistance -40 °C / +250 °C.
- Bottom part with dustproof skirt, sealing cone for perfect tanker sealing and inner level sensor. The skirt can be operated either manually or electrically.
- Control box with remote control.

SPARE PARTS

- bellows
- tubes & cones
- ropes, pulleys
- level switches
- motor drives & gearboxes
- sealing and closure cones
- slack-line switches
- hoppers, pipe reductions

ADDITIONAL ACCESSORIES

- vibration units
- electric control boxes
- frequency convertors
- pendant & remote controls
- signalling elements (horn, warning lights)
- dust collectors (external & built-in)
- signal lights and horns
- shut-off valves
TANKER LOADING SPOUT

**NZU loading spouts** are designed for the efficient dust-free loading of dry, dusty products into tankers.

**Description:**

- Upper part with basic plate, electric gearbox with motor drive.

- Loading conduit made of inner cones (or tubes) and outer dedusting bellows. Wide variety of design materials – carbon or stainless steel, polyurethane, Hardox / bellows with temperature resistance -40 °C / +250 °C.

- Bottom part with sealing cone for perfect tanker sealing, closure cone with inner level sensor indicating when tanker is full.

- Control box with remote control.
WANT TO LOAD MORE EFFICIENTLY?  
A loading spout with a spreader is the best choice!

This unique spout is used for loading light products that leave an empty space in the tanker when they are gravity loaded. That makes shipping more expensive.

The spreader’s motor is situated in the bottom of the loading spout and is operated by a frequency convertor that assures the material is spread evenly into the tanker.

Unique solution:

Loading spout for horizontal travelling
- This special technical design enables the spout to move horizontally.
- Scope of supply: inlet hopper, sealing bellows, flexible tubes, trailer with wheels and gearbox and loading spout for tanker loading.
**LOADING SPOUT FOR OPEN LOADING**

NZO loading spouts are designed for the efficient dust-free loading of dry, dusty products into open vehicles, on open piles or ships.

**Description:**

- Upper part with basic plate, electric gearbox with motor drive.

- Loading conduit made of inner cones (or tubes) and outer dedusting bellows. Wide variety of design materials – carbon or stainless steel, polyurethane, Hardox / bellows with temperature resistance -40 °C / +250 °C.

- Bottom part with dustproof skirt with inner level sensor to automatically stop the skirt.

- Control box with remote control.
SHIP LOADING

The Shiploader telescopic loading spout allows high-capacity ship loading. Loading spout can load cargo into large cargo holds in sea and river ships evenly and in a relatively short time.

The loading spout for ship loading increases cargo capacity, saving money for the port and ship operators. The steady placement of cargo improves the centre of gravity on the boat, which in turn improves the stability of ships in stormy seas, as well as increasing the safety of cargo and crew.

The telescopic spout is equipped with a shovel located in the bottom part that spreads the bulk solids into ships. The shovel throws material at an angle of 360°; from one point it covers an area up to 350 m². It allows goods to be loaded into very deep cargo holds without the need to move the ship.

The Shiploader is also available for explosive environments.