



### About **NICOSILO HL**

The Nicosilo HL is our solution for the storage and transfer of heavy bulk materials ranging between 600kg—1000kg/m<sup>3</sup> combined with a total silo load of up to 25-35 tons.

The Nicosilo HL is equipped with a separate payload cone made out of extra strong, low tensile, high tech duplex coated polyester fibre. The payload cone prevents the silo from sagging down even at very high payloads.

Additional to the functionality improvements, the new HL Nicosilo system also offers cost price benefits. The cost benefits are achieved through the payload cone component, it enables a more efficient frame design by ensuring most of the payload weight is supported by this system. Because of the stronger bottom frame and the reinforced polyester fibre, the top frame and silo bag are made much more efficiently. An arising benefit is a lightweight silo bag which can be mounted and dismantled without the use of hoisting equipment such as a crane. This makes for easier replacement or relocation of the system. Current Nicosilo bag designs do not allow replacement of the bag without the use of hoisting equipment (e.g. crane). Just as the regular Nicosilo, the HL Nicosilo can be connected to peripherals and bulk handling systems in combination with; load cells, level sensors, filter boxes, aerating bottoms, bottom compaction, air pockets and other carrying auxiliary systems.





### Advantages and unique properties of the Nicosilo HL:

- **Reliable:** undesirable sagging at heavy payloads is now a thing of the past.
- **Cost efficient:** lightweight materials can be used due to the unique design, both for the silo bag and the top frame.
- **Flexible:** fast (dis-) assembly due to lightweight construction.
- **Quality:** Trusted Nicosilo quality through our in house production and provided assembly by experienced assembly crew.
- **Suitable for bulk loads of up to 35.000kg**
- **Optimal outflow Properties;** ideal for bridging bulk materials
- **Linkable to all range systems** (air, worm, conveyor, etc.)



### About FLEXXOLUTIONS

Flexxolutions has a broad experience in development, producing and assembling innovative textile solutions for covering and storage systems for gases, liquids and solids. The addition of our subscript "Innovators in technical textile products" explains our ultimate strength. This is the innovative design of products and customer-specific engineering, production and installation of covering and storage systems as silo roofs in normal and gas-tight execution, airborne double membrane roofs serving the biogas industry and storage both in the form of pillow tanks liquids as water and high-quality bags for storage of manure, gases and combinations thereof. Besides this range of products we also designed and supply innovative (patented) disinfections mats, flexible solid storage silo's, truckliners and products for temporary refugee camps as collapsible water kits, toilets and showers.

All required disciplines in terms of design (Solidworks 3D), tailoring (CNC cutting) and welding (high frequency and thermal) we have in house. Because we have all of these disciplines in house we can make your system in the shortest possible time in relation to quality, design, production and assembly.

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