

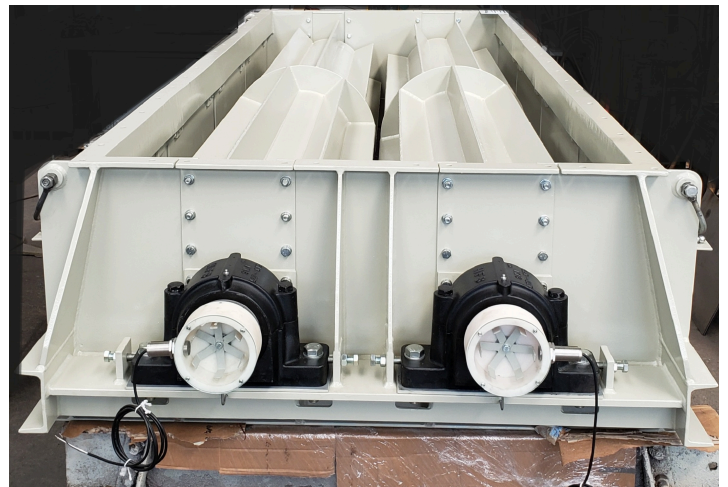
## TRAILER DOCKING STATION



## TRAILER DOCKING STATION FUNCTIONAL DESCRIPTION

The bulk material is delivered by a truck with a walking floor trailer and tipped out into the reception area of the docking station. Before tipping, the driver connects the hydraulic lines of the trailer to the local hydraulic unit located next to the docking station. The walking floor inside the trailer moves the material forward into the reception area of the trailer docking station. The bulk material is then moved into a chain conveyor by several screw conveyors. The drag chain conveyor is inclined for allow feeding of downstream equipment. The unloading capacity of the trailer can be adjusted by the oil flow from the local hydraulic unit which is controlled by a variable adjustment pump.

A double docking station with two reception units allows either simultaneous discharge of two trailers or interruption free in-feed which means that one trailer is being discharged while the second trailer is exchanged. Small dimensions, modular design, no underground hopper so that the machine leads for a functional and economical solution for unloading trucks with walking floor trailers.



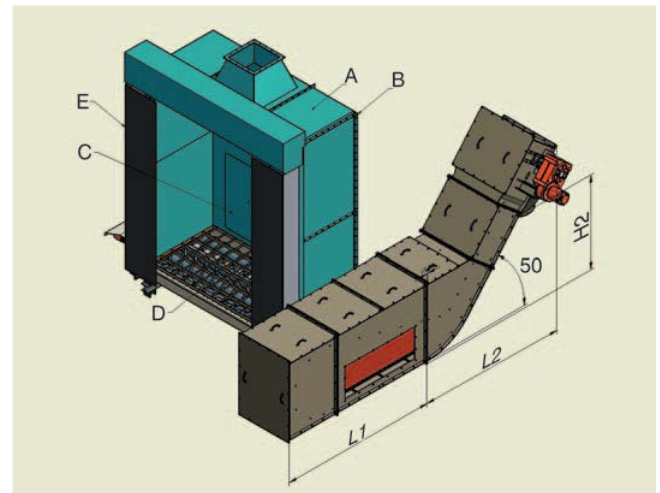
## WHO WE ARE

At WTW Americas, we lead the industry in designing precision-engineered, heavy-duty bulk material handling equipment. In partnership with **Gecos GmbH**, our German-engineered solutions deliver unmatched reliability and operational efficiency to industries like cement, power, mining, and environmental sectors, making us the trusted choice for advanced material handling challenges.



## Options:

- A** Increased length of housing to accept top hinged door trailers
- B** Reinforcement for dust housing and filter flange to take dedusting filter on top of dust housing
- C** Access door (man sized) with limit switch at backside of docking station allow access into the housing
- D** Cantilever platform with limit switch inside the housing of the docking station
- E** Inflatable sealing cushion at top and sides of docking station for minimum dust emissions.
- F** Hydraulic unit to power one of the customers walking floor trailers
- G** Hydraulic unit to power two of the customers walking floor trailers at the same time



## Benefits to You

- Trailer docking stations streamline the unloading process, reducing time and labor costs. Docking stations often have automated or semi-automated systems to facilitate fast and safe transfers.
- Dock shelters and seals are often incorporated in trailer docking stations to seal the receiving materials from the elements, and to virtually eliminate dusting.
- The Trailer can act as a temporary material storage buffer at the beginning of a process.
- Hydraulic power packs allow for autonomous unloading.



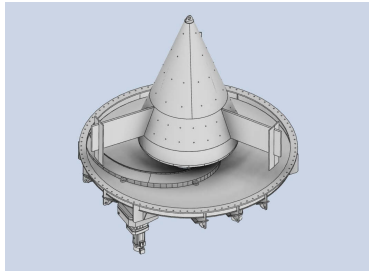
## INDUSTRIES OUR PRODUCTS ARE BUILT FOR

- GYPSUM
- CEMENT
- POWER
- ALTERNATIVE FUELS
- MINING
- CHEMICAL
- FOUNDRIES
- ENVIRONMENTAL PROTECTION
- SLUDGE & WASTE HANDLING

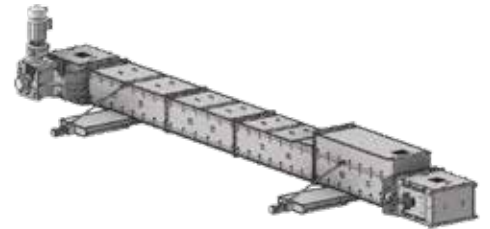
## MORE WTW AMERICAS PRODUCTS



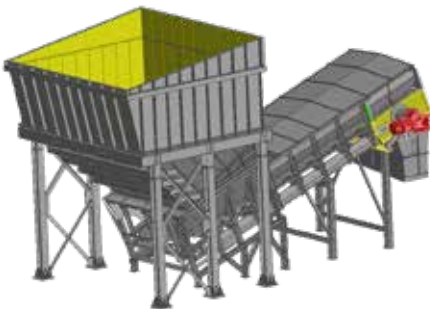
**ROTARY DISCHARGE  
MACHINE**



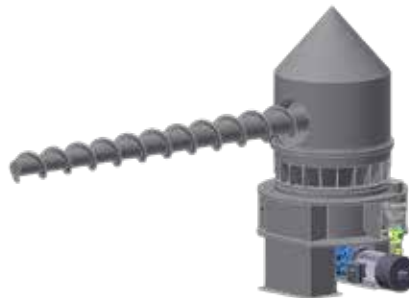
**SILO DISCHARGE  
MACHINE**



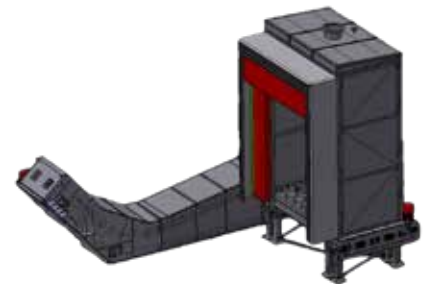
**TKF CHAIN  
CONVEYOR**



**TRUCK DISCHARGE  
MACHINE**



**SWEEPING  
AUGER**



**TRAILER DOCKING  
STATION**

**YOUR BULK MATERIAL HANDLING EXPERTS!**

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