



# RAW MATERIAL & PRODUCT HANDLING

## Storage of Liquids & Solids



### YOUR BENEFITS

- › expertise in handling bulk materials, powders, granulates, and liquids
- › customized adaptations taking into account industry-specific requirements
- › safe handling of hazardous substances
- › systems for manual or automatic operation
- › regulatory approval with OSHA, NFPA, UL, CE, and ATEX (EU)
- › DIN EN ISO 9001:2015 certification for process engineering systems with a focus on dosing, mixing, and weighing technology



### EVERYTHING FROM A SINGLE SOURCE

We ensure the continuous supply of your production line and develop industrial systems that meet your requirements and spatial conditions. Our plant engineers deliver customized solutions for various industries, including chemicals, pharmaceuticals, and plastics.

Your project manager provides comprehensive support from the initial consultation to the commissioning of your system. Our intelligent automation and optimization solutions complete our range.

WE LOOK FORWARD TO YOUR ENQUIRY!



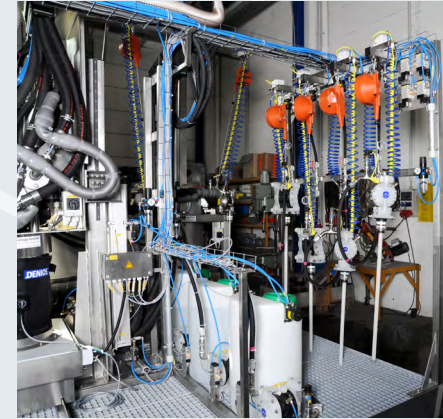
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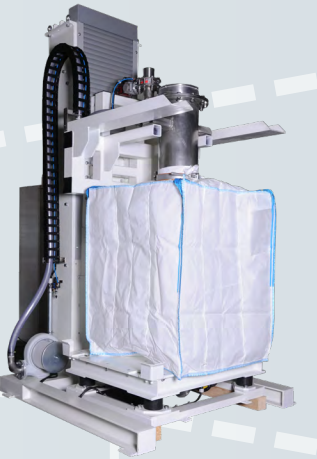
## TANK & SILO SYSTEMS

- › storage of liquid and bulk goods
- › systems for storage, filling, and handling
- › made of mild steel, stainless steel, plastic, GRP
- › special coatings such as Halar, Teflon, varnishes, and paints
- › equipment such as half-tube coils, thermoplates, heating coils, double jacket
- › variants: heated, cooled, insulated, vacuum or pressure blanketed
- › filling and emptying tank trucks using screw conveyors, pneumatic conveying systems or pumps



## DRUM FILLING & EMPTYING STATIONS

- › interface for integration into existing systems
- › automated filling processes
- › integrated suction for low-dust, safe docking
- › universal docking options for various drum sizes and types



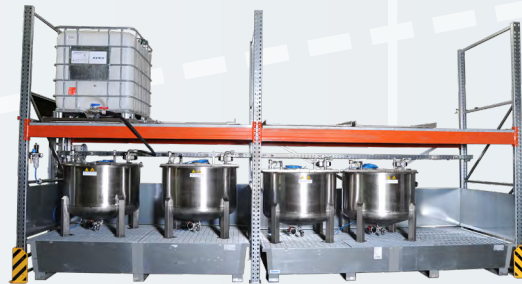
## BIG BAG FILLING & EMPTYING STATIONS

- › integrated control for calibratable filling of solids and liquids
- › user-friendly docking system
- › ergonomic handling
- › dust-free, safe filling and emptying
- › wide range of solution options for all designs and sizes



## IBC FILLING & EMPTYING STATIONS

- › from individual stations to large IBC racks with several containers
- › automatic emptying and switchover
- › recording of filling levels
- › conformity with the requirements of the German Water Resources Act



## IBC AGITATORS

- › standard version with traverse and foldable propeller
- › various stirring elements and agitator speeds
- › adaptation to application, product density, viscosity, and solids content
- › lockable IBC traverse for containers from 400 to 2,500 liters
- › liquid addition during stirring via connection to IBC traverse
- › material: 1.4301/1.4571, in contact with the product
- › geared motors in various power ratings with speed control (frequency inverter)
- › switch with motor protection and CEE plug, optional undervoltage release
- › areas of application: chemicals, paints/lacquers, textiles, wood processing
- › application examples: water treatment, dilution, suspension, homogenization, stirring, dispersion



## BAG EMPTIERS & BAG DUMPERS

- › suitable for handling bagged goods
- › variants including suction, special operation, and sensor technology
- › recycling of empty bags with an empty bag compactor





## Accelerate Your Production

Speed up your production with IFA Technology. Time, personnel and material are saved by optimizing production processes: through analysis to identify and realize potentials as well as implementation of automated and networked systems.



### YOUR BENEFITS

- › low-fault and low-maintenance plant systems
- › shorter changeover times
- › minimized rejects
- › automated cleaning procedures
- › improved and assured quality
- › user-friendly hardware and software
- › efficient, safe, and sustainable technology



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