

EMIDE

WE UNDERSTAND BULK!



Automatic filling station



Complete system with product dosing via screw conveyor

System solution for disposing of solids or bulk materials dangerous to health

Big Bags are being increasingly used for handling bulk materials. One development is a fully automated filling system for Big Bags. Maximum filling performance levels and the totally independent handling of 4-loop Big Bags makes this system an absolute novelty on the market. The process is fully automated from picking the Big Bags from a pallet and transferring them into the filling position via a robot controlled handling system with opto-electronic recognition of the loop position, to connecting the filling spout to the filling socket.

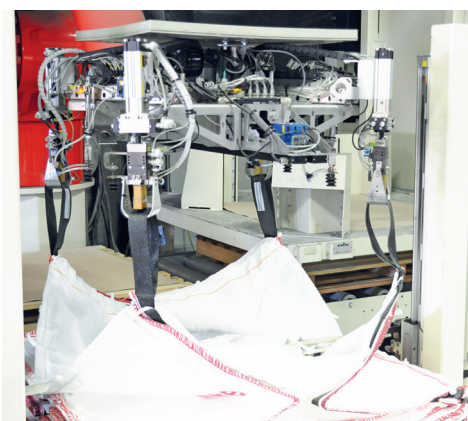
- Unattended filling of 4-loop Big Bags
- Filling performance of up to 40 Big Bags per hour
- Robot controlled suspension of Big Bags on the filling station
- Fully automated filling process right up to closing the Big Bag



Sampler carousel



Paper carrier



Gripper system for Big Bag loops



Robot controlled Big Bag transfer in filling station

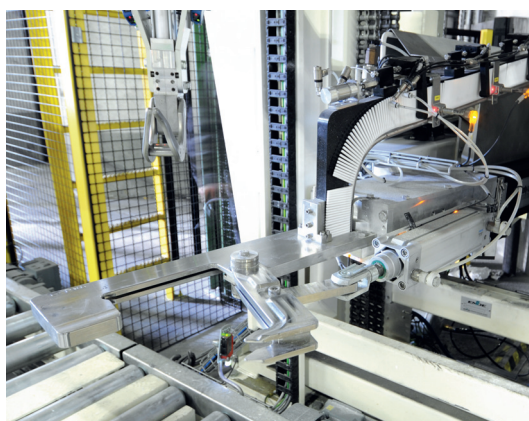
Fully automated filling system for 4-loop Big Bags

...the ideal concept for dust free material handling under even the most difficult conditions. When the system is in operation you merely have to organise the pallets with the empty Big Bags and then take the filled Big Bags off the end of the conveyor track. In this way, up to 40 Big Bags can be safely and automatically filled without interruption.

- Just in time – filling and loading onto the lorry without interim storage
- External monitoring of the filling process is possible
- Maximum system availability
- A total solution from one source!



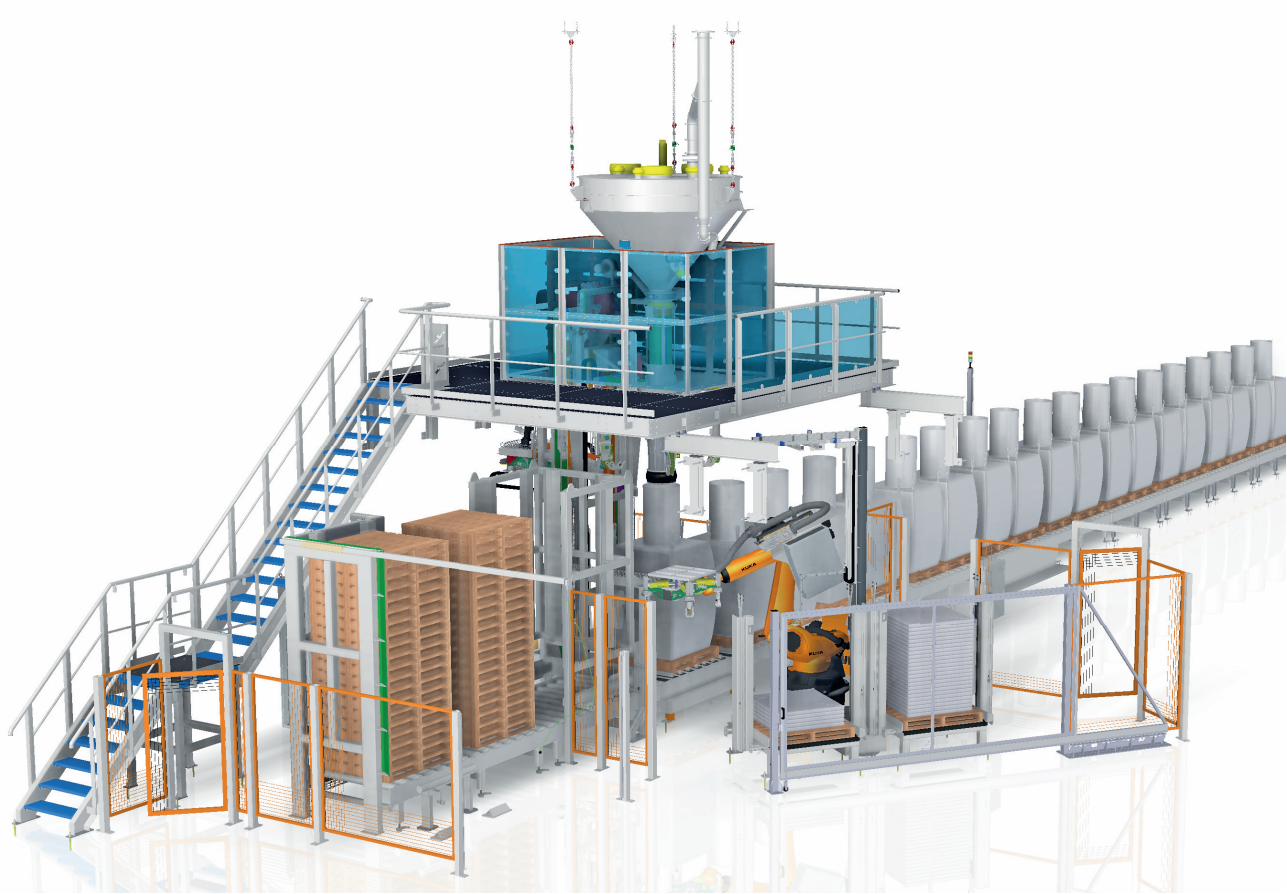
Rotating filling head



Closure system with clip



Palette store



Complete system for automatic sand filling

A complex system solution

The robot, with its built-in intelligent recognition and gripper system, takes the 4-loop Big Bag from the pallet and transfers it fully automatically to the Big Bag filling station. The filling head dips into the filling spout, securely fixing and sealing it dust-tight with an inflation hose. The filling tap is twisted after the filling process and is sealed with a clip at the narrow end.

- Peripheral system components such as a pallet store, paper carrier, sampler and roller conveyor supplement the complete system
- System control and programming
- Worldwide service and system maintenance with remote servicing

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