

KMPT Helix dryer

Further designs: Krauss-Maffei BD helix dryer



Main Applications:

APIs, antibiotics, amino acids, pharmaceutical intermediates, fine chemicals.

A study group including leading European pharmaceutical manufacturers and ANDRITZ KMPT developed a joint requirement profile providing the benefits of different drying equipment in one machine. The Krauss-Maffei BD helix dryer offers major benefits in comparison to conventional drying systems in the production of active pharmaceutical ingredients.

It is designed for the processing of small batches that requires a precisely controlled operating environment and total product containment.

Key features of the dryer are its compact dimension for mobility and the optional setup with a central drying station hosting drive unit, vacuum connection and heating/ cooling supply in combination with a stationary lifting device and multiple, mobile product vessels with vapor filters.

By connecting the product vessels with appropriate isolation valves to mechanical separation equipment such as a Krauss-Maffei Pharma Centrifuge, the product remains fully contained throughout the complete processing sequence. Different dryer vessel sizes can be connected to the central drying station for added operating flexibility.

No special product transfer equipment is required between the centrifuge and the drying/ mixing operation. The dryer discharge can be provided with various high-containment devices. The entire process train can be placed on one individual floor or inside a single clean room.

ANDRITZ

KMPT Helix dryer

Further designs: Krauss-Maffei HD/BD mobile helix dryer



Main Applications:

API's, antibiotics, amino acids, pharmaceutical intermediates, fine chemicals.

The Krauss-Maffei HD mobile helix dryer is a special variant of the HD helical mixer dryer.

It is designed for the processing of small batches that requires a precisely controlled operating environment and total product containment.

Key features of the dryer are its compact dimension for mobility and the optional setup with a central drying station hosting drive unit, vacuum connection and heating/ cooling supply in combination with a stationary lifting device and multiple, mobile product vessels with vapor filters.

By connecting the product vessels with appropriate isolation valves to mechanical separation equipment such as a Krauss-Maffei Pharma Centrifuge, the product remains fully contained throughout the complete processing sequence. Different dryer vessel sizes can be connected to the central drying station for added operating flexibility.

No product transfer is required from the filtration step to the drying/ mixing operation and to the final discharge point which can be provided with various high-containment devices.

The entire process train can be placed on one individual floor or inside a single clean room.