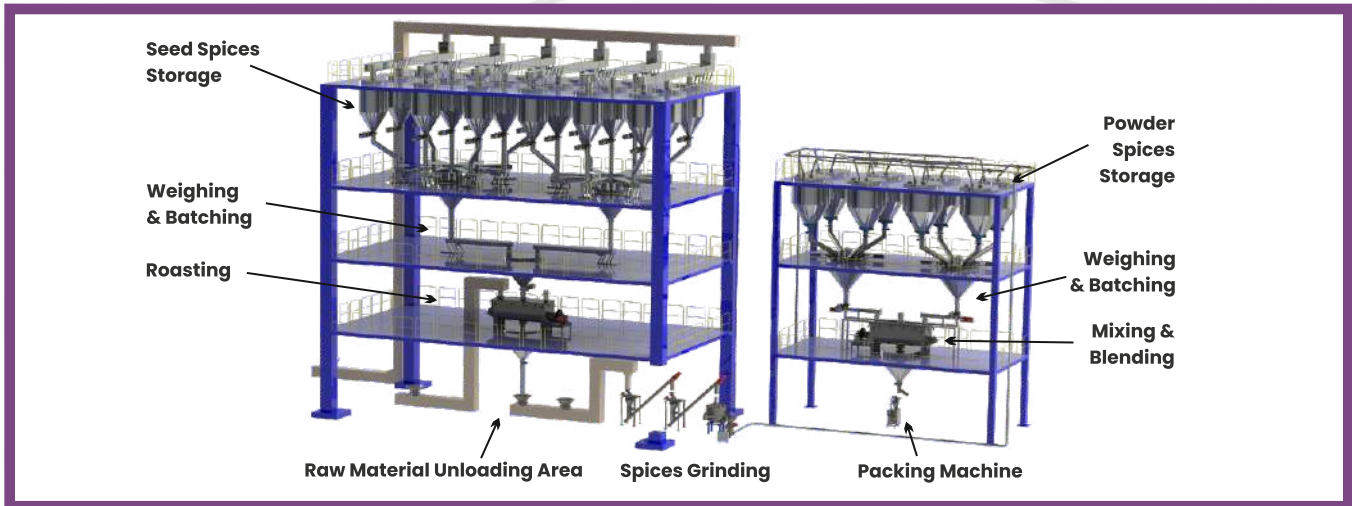


Solid Bulk Material Handling system in Spice & Condiments Industry



Cleaning

- This process removes dust and dirt from the spices.
- Zig Zag classifier and grader can be used for cleaning.
- Before grinding it will pass through magnet

Grinding

- Grind the whole spices into the fine spices in the fineness range of 100 Mesh.
- Grinder works in way that the characteristic of spices like flavour, colour, aroma, oil content will not affect.
- Cryogenic grinding is also an option.

Shifter

- It removes the foreign particles from the raw material.
- Also feed the specific particle size for further processing.

Conveying

- Material conveys from Grinding machine to Cyclone
- No material spillage due to closed loop conveying

Storage Hopper with Dust Separation

- Spices are conveyed to storage hopper
- Air gets separated out through dust filters ensuring 100% yield with no dust emission.

Weighing and Batching

Precise quantity of material is discharged into packing machine with automation & accuracy of 99.99%.

Packaging

- Product will pass through all metal separator to remove ferrous and non-ferrous impurities.
- Further packaging through Pouch filling machine / UFFS machine.

Benefits:

- Retaining product characteristics.
- Easy to clean
- Hygienic and safe
- Lower operating and maintenance cost
- Efficient & Effective Material Handling
- Suitable to handle any type of spices
- Reduced Product Degradation and Segregation
- Dust- free transfer

Application:

- All types of Spices
- Coriander, chili, turmeric, black pepper etc.
- Food Industry
- Pharma Industry
(Extraction of core element)

Features:

- Safety compliance of GMP, HACCP, BRC
- Highest Sanitation Standards
- Fully Customized
- PLC Automation
- Compact Layout
- GMP Grade equipment's



Contact Us

KnitCon Solutions Private Limited

Row House Number 3, Sai Residency, Balewadi, Pune 411045.

✉ sales@knitcons.com

🌐 www.knitcons.com

📞 +91 9960884174 | 9422317308.