

POWDER HANDLING SYSTEMS

TABLET HANDLING SYSTEMS



Intermediate Bulk Containers (IBCs)



IBC Discharge Stations



IBC Filling Systems



Bulk Tablet IBC and Tablet Discharge Stations



IBC Blenders



IBC Washing



Silo / hopper Discharger Valves



Gentle Transfer Chute (GTC)

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**PARALLEL PROCESSING
IS THE ANSWER!**



*“How can I make my Mixing & Packing more **EFFICIENT?**”*

*“How can I stop cross-contamination of **ALLERGENS?**”*

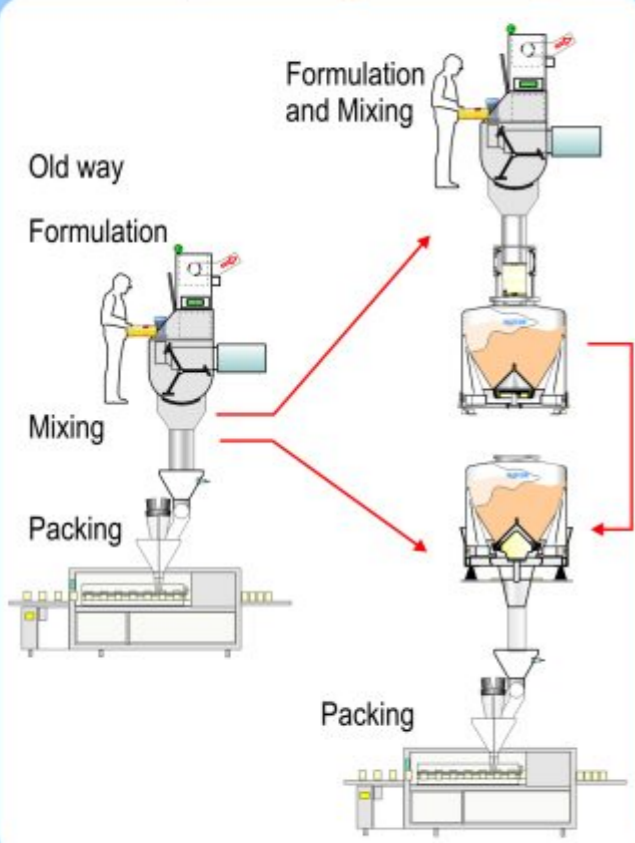
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WHAT IS PARALLEL PROCESSING? KEEP YOUR MIXER MIXING - STOP WASTING TIME!

STAGE 1

Unloading Time cut by 90%

Problem: Mixer idle during packing
Solution: Separate Mixing and Packing



BENEFITS...

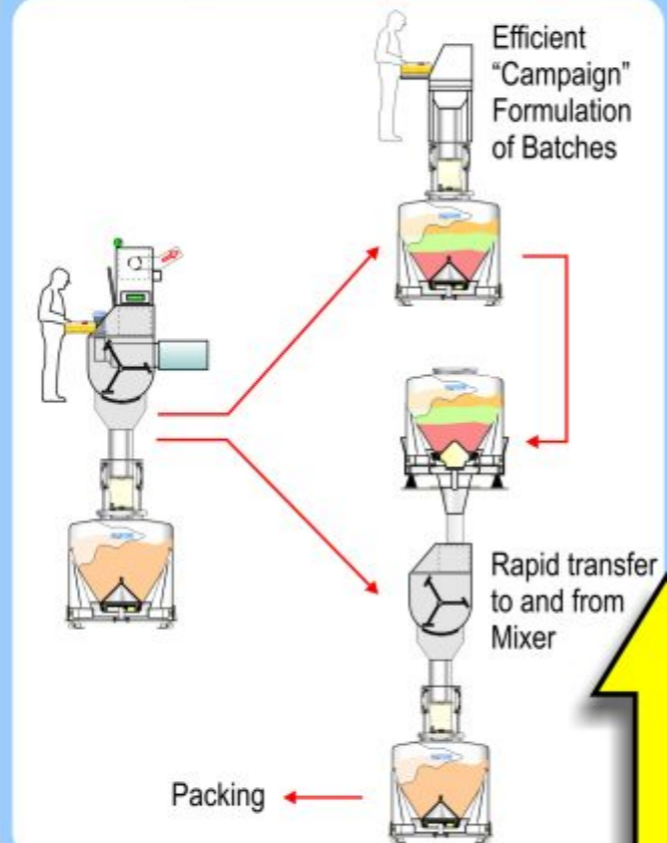
- ✓ Mixer operating or is cleaned **AT THE SAME TIME** product is being packed
- ✓ Rapid emptying of Mixer - turnaround time slashed .
- ✓ The finished mix can be fed into the packing line without **DEGRADATION** or **SEGREGATION** (Cone Valve).

Throughput up to 100%

STAGE 2

Loading Time cut by 90%

Problem: Mixer idle during Loading
Solution: Separate Loading and Mixing



BENEFITS...

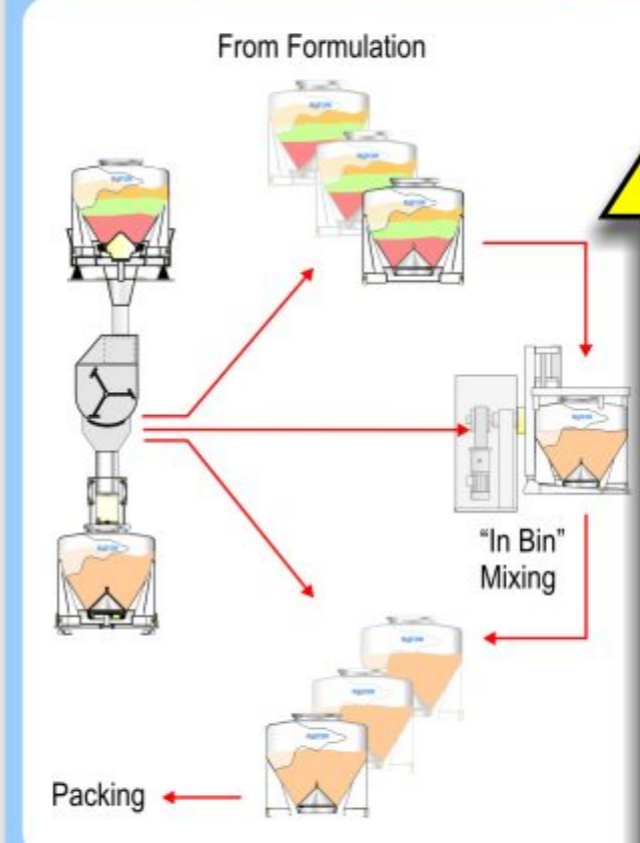
- ✓ Mixer operating or cleaned and **AT THE SAME TIME** the next mix is formulated **AND** the previous mix is packed.
- ✓ Mixer no longer **MANUALLY LOADED** so down time reduced and a **CLEAN ENVIRONMENT** maintained.
- ✓ IBCs used to hold the **ENTIRE** production volume in advance.

Throughput up to 200%

STAGE 3

Cleaning Time cut by 100%

Problem: Mixer idle during cleaning
Solution: Separate Mixing and cleaning



BENEFITS...

- ✓ Mixing, Formulation **AND** packing all working in **PARALLEL** at maximum efficiency - **NO "Dead Time"**.
- ✓ The **IBC** becomes the mixing vessel so the mixer no longer needs **CLEANING**.
- ✓ Increase **PRODUCTIVITY** as well as **PRODUCTION FLEXIBILITY**.

Throughput up to 300%

✓ No Segregation
✓ No Degradation
✓ Promote Mass Flow
✓ Fast Batch Transfers

GO IBCs

Intermediate Bulk Containers

CROSS CONTAMINATION

STOP ALLERGENS

✗ Filters ✗ Gaskets & Seals
✗ Conveyors ✗ Couplings