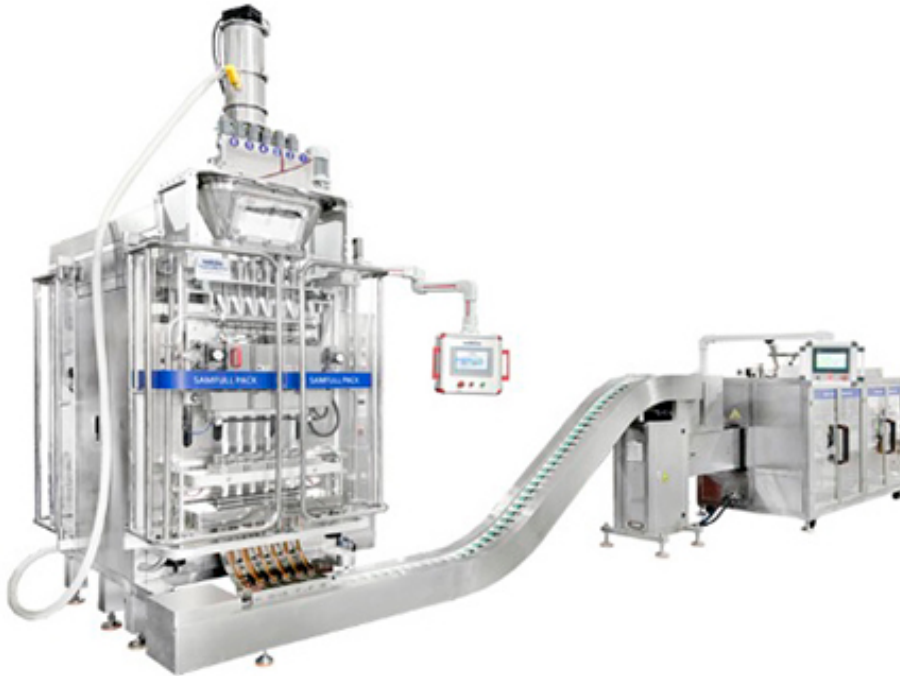




Powdered Drink Stick Bag Making Counting & Paper Box Repacking Line



Powder Stick Counting and Carton Packing Line is a comprehensive packaging system designed to automate the process of counting individual powdered product stick packs and then packaging them into cartons for distribution. This type of production line is commonly used in industries such as food, pharmaceuticals, and supplements, where single-serving stick packs need to be efficiently counted and grouped for bulk distribution.

Machine Working Process

1. Stick Pack Counting and Collating:

Stick packs are fed into the counting and collating system, which arranges a specific number of stick packs into a single batch or set. The number of stick packs in each batch can be adjusted based on packaging requirements.

2. Counting Mechanism:

The counting mechanism accurately counts the stick packs as they move along the conveyor.

3. Batch Formation:

Once the desired number of stick packs is counted, the batches are formed and collected in a staging area.

4. Carton Loading:

Empty cartons are loaded onto the carton packing machine's conveyor system.

5. Batch Insertion:

The formed batches of stick packs are inserted into the cartons. This can be done manually or through an automated system that places the batches in a specific arrangement inside the carton.

6. Carton Sealing:

Once the cartons are filled with the required number of stick pack batches, the carton sealing mechanism engages to close and seal the cartons. This might involve adhesive tape, glue, or other sealing methods.

7. Optional Steps:

Depending on the product and packaging requirements, additional steps might be included in the process:

Printing date codes, batch numbers, and product information on each carton for traceability.

Applying labels or stickers to the cartons for branding and identification.

Technical Parameters

Box Size Range	L135-290mm W80-170mm H30-70mm
Box Material	270g/m ² ≤ best box material 350g/m ² ≤450g/m ²
Box requirement	box indentation is not less than 0.4mm, if with pre-folding effect, ear pages and short pages need to be inverted
Production capacity	1800 boxes/h
Equipped with host power(kW)	1KW
Whole machine power	4KW
Air Compression	0.6-0.8Mpa
Air Consumption	120-160L/min
Machine Size	3380*1800*1780mm
Machine Weight	About 1300KG