

Tea Bags

Handling Industry

modu[®]
MODU System



MODU provides efficient tea bag handling solutions with flexible production flows with high throughput. Our conveyor systems are designed to integrate with new and existing production equipment. Machinery that has been laid out to fulfil factory and operator requirement can easily be linked using suitable elements and conveyors from our modular range.

Our expertise in tea bag handling includes

1. Distribution of empty tea boxes from box erector to tea bag filling machines.
2. Batch forming of empty tea bag boxes for filling machines.
3. Merging of filled tea bag boxes from all filling machines to main conveyor line.
4. Integration of main conveyor line to the lid closer, shrink wrap and palletizing machine.





Products Offered

1. MODU Conveyor System

MODU System uses standard profile conveyor system. The plain chain conveyor is used to convey empty or filled tea bag boxes from one process to another. Our plain chain is suitable for accumulation of empty or filled tea bag boxes. Friction chain is used where inclination is needed.



Plain Chain Conveyor



Friction Chain for 30° Incline



Plain Chain Conveyor with Box Incline Unit

2. Special Devices

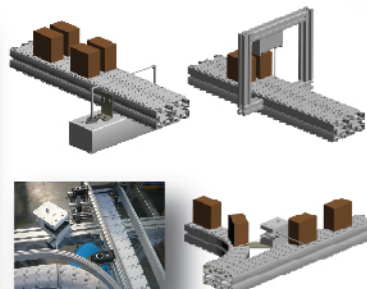
MODU System customized design of devices enhances the process flow of tea bag handling. Our specially designed devices includes empty boxes batch forming, gravity chute to suit variety of filled tea bag boxes, diverters and traffic controller that will be used to smoothen the merging of filled boxes to the main line from filling machines.



Batch Maker



Chute for Filling Machine



Traffic Controller



Check Weigher

3. Complete Electrical & Pneumatic Control System

MODU System supplies a complete Electrical & Pneumatic Control System which is essential to control the empty and filled tea bag boxes so that it moves flawlessly from one process to another. Our scope of supply includes pneumatics control and a centralised control panel with touch screen interface to control the entire system from your fingertips.



Electrical System



Product Diverter



Chute with Pneumatic Controls



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