

STB-6C & SB-X20

Tea Bag, Envelope & Cartoning Line

Connect tea-bag and outer-envelope packing with sachet sorting, counting and cartoning. This integrated line pairs STB-6C with SB-X20 for a coordinated route to the finished retail carton.



PACKAGING SAMPLE / REFERENCE



Carton sample on the packing line

Tea bags in individual envelopes, grouped into cartons

STB-6C & SB-X20 demonstration. The carton is shown during handling, before all closing steps are verified.

A closer look at STB-6C & SB-X20

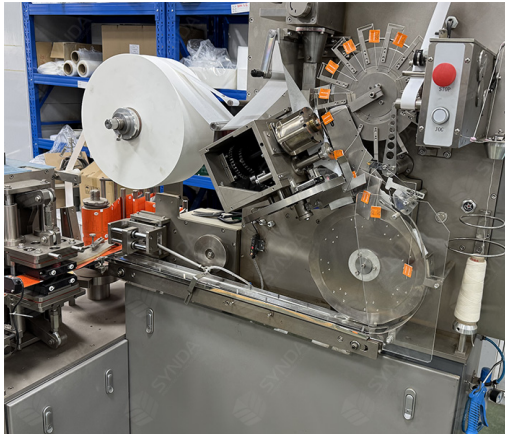
Original model-specific views. Configuration details are subject to the agreed supply scope.



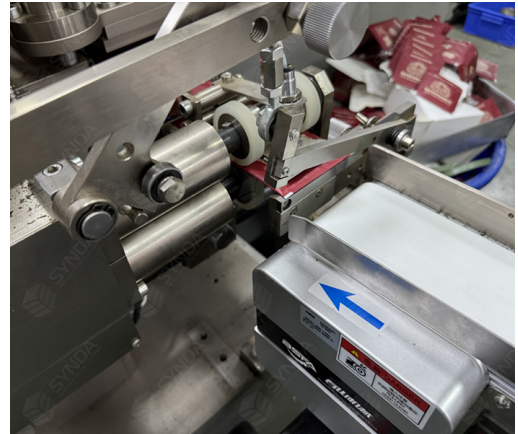
Cartoning section



Envelope handling mechanism



Film and forming section



Sachet transfer belts

Process at a glance

1. Form and fill the tea bag / 2. Pack the outer envelope / 3. Sort and count the sachets / 4. Load the retail carton

This page describes one integrated line. Overall output, utilities and layout are confirmed for the selected bag, envelope, carton count and optional modules.

Technical specification

Reference figures for STB-6C & SB-X20. Confirm the selected configuration before ordering.

Line designation	STB-6C & SB-X20
Primary stage	Tea bag and outer-envelope packing
Secondary stage	Sorting, counting and cartoning
Control system	PLC and HMI
Integrated line output	Confirmed for the selected configuration
Total utilities and installed layout	Confirmed in the project drawing
Optional modules	Feeding, checkweighing, metal detection, coding, overwrapping

Application confirmation

Tea and filter material, envelope dimensions, sachets per carton, carton die-line, target cartons per minute, optional inspection scope and workshop layout.

Reference information only. Output depends on the product, package and configuration. Final specifications, sample compatibility and supply scope must be agreed in the technical proposal.

Discuss STB-6C & SB-X20 with SyndaPack

Request a configuration