

Tea Bag Packaging Machine with Outer Envelope

This automated system packages tea into individual bags and then envelopes them. It integrates tea filling, inner bag sealing, outer envelope forming, sealing, and date printing.



ADDITIONAL IMAGES



Overview

Automated Tea Bag Packaging System

This tea bag packaging machine is designed for the automated production of inner and outer tea bags, suitable for various particulate materials like herbal and health teas. It features advanced PLC control with a human-machine interface and precise PID temperature regulation to ensure consistent sealing quality. The system offers stable bag length positioning via stepper motor control, making it an efficient and hygienic solution for small-to-medium scale packaging operations.

Technical Specifications

Key Performance Metrics

40 bags/min

Max Packing Speed

3.7 kw

Total Power

500 kg

Machine Weight

Measuring Scope	3 - 10 g (1.6 - 26 ml)
Power Supply	AC220V / 50Hz
Sealing Type	Three sides Sealing
Overall Dimensions (L*W*H)	1750 * 740 * 1950 mm
Compatible Packing Materials	Filter paper, Thread, Composite membrane, Labels

Bag Dimensions

Bag Size Specifications

Bag Type	Length Range (mm)	Width Range (mm)
Inner Bag	50 - 70	45 - 80
Outer Bag	80 - 120	75 - 95