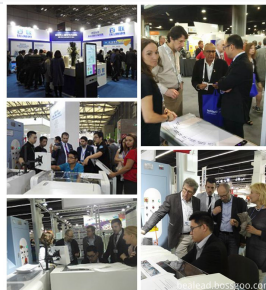


Automatic Down and Feather Filling Machine

This automatic filling machine features double nozzles for efficient weighing and filling. It is designed for small to medium home textile manufacturers.



Overview



High-Efficiency Automatic Quilt Filling

This double-nozzle automatic weighing and filling machine is an ideal solution for small to medium home textile manufacturers looking to modernize their production. By replacing manual work with precise automatic weighing technology, it handles multi-species orders with high efficiency, specifically designed for down quilts and apparel. It represents an automation revolution for the industry, ensuring consistent quality and significant labor savings.

Performance & Capacity



Production Speed

800 lattices

Lattices per Hour

90 s

Duvet Completion

Weighing Precision

0.1 g

Accuracy

1 g

Min. Weight

80 g

Max. Weight

Technical Configuration



System Components

- 1 Feeding Unit
- 3 Weighing Units
- 1 Filling Station
- 2 Filling Pipes
- 3 Scales per filling pipe

Control & Components

PLC Automated Operation, Touch Display Screen, Precision Reducing Valves, Digital Pressure Switch, Air Monitoring System

Material & Application

Target Industries

Apparel • Home Textiles • Commodity

Material Compatibility

50% - 90% down

Utility Requirements

Power & Pneumatic Requirements

Parameter	Requirement
Voltage	380V
Max Power	4.5KW
Air Compressor Power	11KW
Air Pressure	0.6 - 0.8 MPa
Air Tank Capacity	e20³
Air Compressor Exhaust	e1.6³/min

Physical Dimensions

Overall Dimensions	2.9m * 4.7m * 3.7m
Machine Weight	1300 kg
Minimum Site Area	6m * 7m

Compliance

Standards & Compliance

CE, TUV, EN 61000-6-4:2011, EN 61000-6-2:2005