THE ADVANCED TEA BAG MACHINE SYSTEM

COMPACTA

MODULAR HIGH PERFORMANCE MADE AFFORDABLE

The COMPACTA tea packaging machine is a multifunctional, modular solution that allows you to quickly change between formats for extremely high quality heat-sealed envelope double-chamber tea bags and naked, double-chamber tea bags. It was awarded the 2012 German Packaging Award for its innovative “Air Knotting System” which eliminates the need for expensive needles by using mechanical flow and vacuum technology to connect the thread to the tag. Its easy installability and low number of parts also minimizes maintenance costs as well as making it extremely user-friendly and cost-efficient.

Increase your efficiency while reducing costs
- Lower production costs
- German premium quality and perfection
- Reliability
- Flexibility
- Superior safety standards
- High production efficiency
- Time saving exchange of packaging materials

Rely on our innovative technology for premium quality products
- Shorter maintenance times
- Quick format changes
- Low spare parts consumption
- Longer maintenance intervals
- Modular construction
MODULAR SYSTEM FOR MAXIMUM FLEXIBILITY

COMPACTA

hand removal system

HS MODULE

hand removal system

automatic box filling system

COMPACTA TAG

automatic box filling system

COMPACTA HS
COMPACTA TAG

PREMIUM PERFORMANCE FOR QUALITY RESULTS

This machine produces double-chamber tea bags with thread and tag. Its natural filter paper is not coated with chemical hot glue to preserve the taste of your tea – protecting the natural tea aroma from harmful influences. The tag features a unique “thread safety” design which fixes the thread into a slot at the lower edge of the tag. This ensures that the threads and tags do not get tangled inside the tea bag box during transit.

THE BENEFITS

- Capacity of up to 250 bags/min.
- Available as knotting or stapling machine
- Retrofittable from stapling to knotting machine
- Faulty bag ejection
- Motor operated bag weight adjusting mechanism (optional)
- Computer controlled weight checker for full boxes (optional)
- Automatic box filling system (optional)
- Dust removal system (optional)

COMPACTA TAG – DETAILS

1. Filter paper reel
2. Tea feeding
3. Dosing system
4. Tube forming
5. Tube knife
6. Bottom folding
7. Head folding
8. Reversing wheel
9. Air knotting system
10. Faulty bag ejection
11. Hand removal system with counting
12. Turning magazine (optional)
13. Automatic box filling system (optional)
EXPAND YOUR POSSIBILITIES WITHOUT ENDANERING YOUR BUDGET

The HS MODULE is our quick and easy solution for expanding your product portfolio. This plug-and-produce solution can be seamlessly attached to your COMPACTA machine allowing you to produce double-chamber tea bags, heat-sealed in a three-sided foil in order to protect the taste and natural aroma of your teas.

- Capacity of up to 230 bags/min.
- Faulty bag ejection
- Available as knotting and stapling machine
- Automatic box filling system (optional)
- Nitrogen flushing (optional)

COMPACTA HS MODULE – DETAILS

1. Filter paper reel
2. Tea feeding
3. Dosage system
4. Tube forming
5. Tube knife
6. Bottom folding
7. Head folding
8. Reversing wheel
9. Head knotting station
10. Cotton thread cone
11. Cardboard tag reel
12. Tag unwinding and cutting
13. Lower transport wheel
14. Air knotting system
15. Faulty bag ejection
16. Bag feeding (spiral conveyor)
17. Transport wheel/pushing into aroma protection envelope foil
18. Sealing jaws tear-off knife
19. Feeding station and cutting of aroma protection envelope
20. Faulty bag ejection
21. Automatic box filling system (optional)
22. Hand removal system with counting
23. Aroma protection envelope foil reel
COMPACTA TAG (with hand removal system)

Technical data
Production speed: up to 250 bags/minute
Length x Width: approx. 2120 x 1445 mm
Height with hopper: approx. 2360 mm
Height without hopper: approx. 2030 mm
Net weight: approx. 2450 kg
Electric power connection: 4.0 kW
Operating pressure: 6 bar
Consumption: up to 2.6 kWh
Compressed air connection: 1/2"

COMPACTA HS (with hand removal system)

Technical data
Production speed: up to 230 bags/minute
Length x Width: approx. 2895 x 1860 mm
Height with hopper: approx. 2360 mm
Height without hopper: approx. 2030 mm
Net weight: approx. 2850 kg
Electric power connection: 4.0 kW
Operating pressure: 6 bar
Consumption: up to 3.4 kWh
Compressed air connection: 1/2"

COMPACTA TAG (with automatic box filling system)

Technical data
Production speed: up to 250 bags/minute
Length x Width: approx. 2610 x 1445 mm
Height with hopper: approx. 2360 mm
Height without hopper: approx. 2030 mm
Net weight: approx. 2400 kg
Electric power connection: 4.0 kW
Operating pressure: 6 bar
Consumption: up to 50 NL/minute
Compressed air connection: 1/2"

COMPACTA HS (with automatic box filling system)

Technical data
Production speed: up to 230 bags/minute
Length x Width: approx. 3130 x 1860 mm
Height with hopper: approx. 2360 mm
Height without hopper: approx. 2030 mm
Net weight: approx. 2900 kg
Electric power connection: 4.0 kW
Operating pressure: 6 bar
Consumption: up to 250 NL/minute
Compressed air connection: 1/2"