

Full-automatic Ultrasonic Bouffant Cap Machine (SE-GW3320)



Summary

For the health requirements, the bouffant cap with high-quality and soft polypropylene non-woven fabrics does not cause skin irritation, comfortable to wear. Application to the medical department, electronic industry or the family health protection and widely used in food industry. Sheetal Enterprises bouffant cap machine production with clean and intact shape, sewing firmly and straight uniform, no jumpers and leakage, no holes and stains, easy to wear, Features to resist the allergy.

This automatic machinery is specialized in producing bouffant cap, the productivity is up to 60pcs /min, suitable for hospitals and other no dust working environment. The processing is fully automated.

Technical Data

Model	SE- GW3320
Power	4500W
Voltage	380V 50/60Hz
Capacity	40-55pcs /min
Air pressure	4-6kg/cm²
Dimensions	3500*1000*1350mm

Functions and Features

- ✓ This automatic machinery is specialized in producing bouffant cap, the production process is fully automatic in once-through shape without human intervention, eliminating the possible of contamination in the product process.
- ✓ This bouffant cap machine adopts the ultrasonic operating principle with automatic tension control, wireless sewing, no pinhole and broken stitching; the products can reach the water tightness standard and meet the needs of isolation and hygiene.
- ✓ The fully automatic bouffant cap machine with aluminum frame, beauty appearance but no rust with touch screen controls, importing the brake motors with low noise.
- ✓ Small size, does not occupy space; high reliability, superior performance; high efficiency to save labor.
- ✓ With advanced welding technology, products are soft and comfortable.

Machine Details



With aluminum alloy frame, Iron spray-paint shell, simple but beauty.



Picture 1: Delta touch screen control system, operating simple but intuitive.

Picture 2: Folding roll with plastic material, no rust, pollution-free to the products.

Picture 3: Elastic edging system, adjustable tension and pressure.

Picture 4: Once-through shape, automatic discharging, Length 19 inch, 21 inch, 23 inch adjustable.

4). Bouffant Cap Production:

1. Cap size

Standard size after stretch: 19 inch

Extend size: 21 inch, 23 inch

Change the welding roller, cutting roller and transmission gear to produce different length cap.

2. Material

Standard weight: 20 gsm, the width can be different (like 45 cm, 48 cm and 50 cm), machine will be adjustable according to material width.

Extend weight: 25~30 gsm, width should be between 45 and 48 cm.

3. Elastic

Double elastic and width is 4 mm.

5). Finished Products:



B. Wastage Component normal usage life and warranty:

1. Oscillation: Life time 2-5 years, warranty 12 months

- 2. Horn: Life time 2-3 years, warranty 3 months
 - 3. Transducer: Life time 2-5 years, warranty 6 months
 - 3. Cutting Knife: Life time 1~2 years, warranty 3 months
- Remark: 1 year warranty of machinery for normal usage except for non-force majeure

C. Configure:

- 1. Mechanism:
 - 1) Main Rack: 1 Set
 - 2) Feeding System: 1 Set
 - 3) Seal Side Welding System: 1 Set (2 Welding Wheels)
 - 4) Final Welding system: 1 Set
 - 5) Final Product Cutting System: 1 Set (1 Knife Wheel, 1 Wheel Pad)
 - 6) Folding System: 1 Set
 - 7) Product Feeding System: 1 Set
 - 8) Counting System: 1 Set

- 2. Electric Equipment:
 - 1) Frequency Converter x 1 - Taiwan
 - 2) PLC Control x 1 - Japan
 - 3) Intermediate Relay x 2 - Japan
 - 4) Motor x 1 - China
 - 5) Proximity Detector x 1 - China
 - 6) Counting x 1 - China
 - 7) Breaker x 1 - China
 - 8) Alternating Current Contactor x 1 - China
 - 9) Magnetic Powder Brake x 1 - China
 - 10) Tension Bontroller x 1- China
 - 11) Ultrasonic System

D. Spare Parts:

- 1. Software of PLC, copied in CD *1
- 2. Relay: RJ1S-CL 24V *1
- 3. Fuse *3
- 4. Ultrasonic component:
 - PCB0501B*1
 - PCB0501D*1
 - PCB0501E*1
 - Transducer*1
- 5. Proximity Detector: QL-08N *1