



PANTY LINERS INDUSTRIAL LINE FOR SALES



Machine: BIKOMA DEDE 300, production year: 2013

Fully automatic servo driven production line for manufacture of Incontinence products

Production speed: 500 pcs/min.

Technical specification:

1. Unrolling device for spooled foam material
2. Unwind device for spooled Acquisition layer
3. Unwind device for Topsheet
4. Unwind device for PE-wrapping foil
5. Fluff unrolling device
6. Hammer mill
7. SAP application system
8. Drum former
9. Calendering station
10. Longitudinal cutting station for foam material
11. Servo driven infeed unit
12. Universal foam application unit for elastic stripes
13. Unwind device for PE film
14. Cut & place for acquisition layer



15. Dimpling
16. Soft edged folding
17. Crimping station
18. Unwind device for silicone tape
19. Cut & place for silicone tape
20. Final cutting station
21. Ejection device
22. Tri-folding station
23. Hot melt application Nordson system

Products:

- light incontinence with fluff and SAP in 3 sizes – 275 mm, 345 and 410 mm
- Product 3-folded individually wrapped

Design speed: 250 lm/min

Pressure of air: 6 – 8 bars

Quantity of air: 1.500 l/min

Quantity of water: 50 l/hour

Electrical data: 3 phases + N + earth; 400 V/230 V/ 24 V



Intergrated Amotek Model IS201 for trifolded light inco products composed by horizontal stacker and automatic bagging machine

Packing material: pre-made PE bags in wickets (0,040 – 0,060 mm)

Inlet single product dimensions:

- Length min. 90 mm max 165 mm
- Width min. 100 mm max 140 mm
- Thickness min. 8 mm max 30 mm

Outlet stack dimensions from stacker: Max 508 mm with a 25,4 mm paddles pitch chain = 20 products

Inlet product pile into the bagging machine:

- Length min. 90 mm max. 165 mm
- Width min. 230 mm max. 420 mm
- Heigth min. 100 mm max. 140 mm

Outlet multipack dimensions:

- Length min. 90 mm max. 300 mm
- Width min. 150 mm max. 340 mm
- Feigth min. 100 mm max. 140 mm

Flat bags in wicket dimensions (with bottom gussett):

- Lengrth min. 190 mm max. 420 mm
- Width min. 250 mm max. 480 mm

Design speed at stacker output: min. 200 products/min; max. 600 products/min for 25,4 mm paddle pitch

Design speed atstacker output: up to 60 ejections/ min.

Speed at bagging machine output:

- Up to 60 packages/min. depending on product feeding mode, characteristics, bag material and configuration and in-house conditions
- For packaging with 1 product row: from 15 to 60 cycles/min.
- For packaging with 2 products rows: from 15 to 30 cycles/min.

Absorbed power: 10 KW

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