

Lady Line

MACHINE PERFORMANCE Production Speed	1000 pieces/min or 240 meters/min(whichever occur first) According to SYMBIOCO material specifications, the line will be guaranteed up to 600 PPM. In addition, the characteristics of SYMBIOCO materials required the implementation of the final wrapping in a Single Wrap configuration. This process represents a further technical constraint and is an additional factor limiting the line speed to 600 PPM.
GENERAL INFORMATION Line direction Machine color Power supply Control voltages Power installed (preliminary) Power used (preliminary) Compressed air (preliminary) Water consumption: Dimensions without staking and cartooning L x H x W [m] Notes:	Left-hand standard process orientation RAL 7035 (Light Grey) 400V, 50Hz, 3ph+N+PE 230Vac, 24Vdc 440 kW (Melt system + filter included) 285 kW (Melt system + filter included) Pressure:≥7 bar; absorption: ≈35000 Nlmin – (4285 l/min at 7 bar) The air compressor is not included in the scope of supply 0.5 liters/min 33 x 6,5 x 10 m A spark detection, fire and dust explosion protection system is required to comply with Supply of Machinery (Safety) Regulations 2008. If not included in the scope of supply, it must be purchased and installed at Customer's charge and care.

Lady Line - Base Configuration & features included

- Base Configuration – 600 PPM (@Normal size)
- Core formation with Fluff & SAP
- Product construction
 - Top Sheet (TS)
 - Discrete 2D Core (Fluff & SAP)
 - Embossing channels
 - Cooky layer *
 - Basksheet (BS)
 - BS release paper
 - Wings release paper
 - Trifolding process (single wrap)
 - Pouch
- Vision system (3 cameras)
- Rotary filter
- Adhesive system (water base glue)
- Remote box connection
- Stacker
- Cartoning (ma capacity 50 carton box/min)

Sizes included

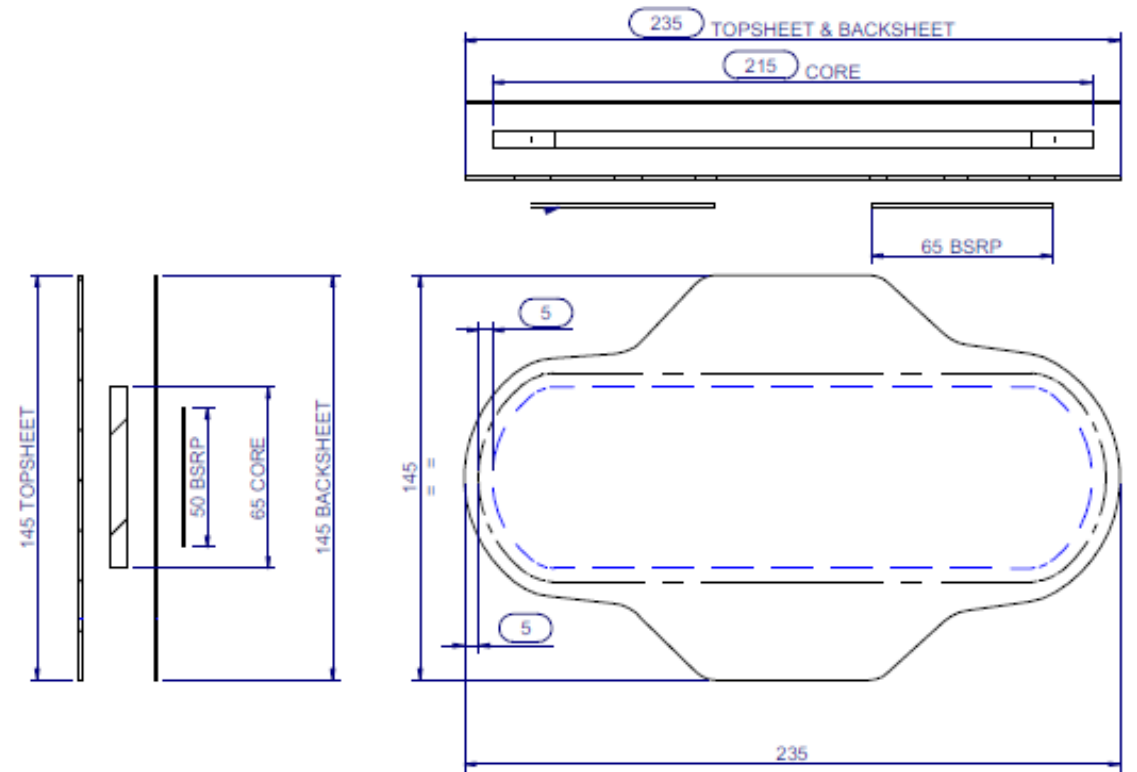
- #2 sizes for Sanitary Napkis
 - Normal size Lenght = 235 mm
 - Long size Lenght = 260 mm
 - Wings Profile
 - Core Fluff + SAP
 - Core embossing
 - Wings Silicon Papers
 - Trifolded configuration

- #1 sizes for Panty Liners
 - Panty size Lenght = 165 mm
 - Profile without wings
 - Core Fluff + SAP
 - Core embossing
 - Bifolded configuration

Sanitary Napkins – product structure & details

- **#2 sizes for Sanitary Napkis (235 | 260)**
 - Wings Profile
 - Core Fluff + SAP
 - Core embossing
 - Wings Silicon Papers
 - Trifolded configuration

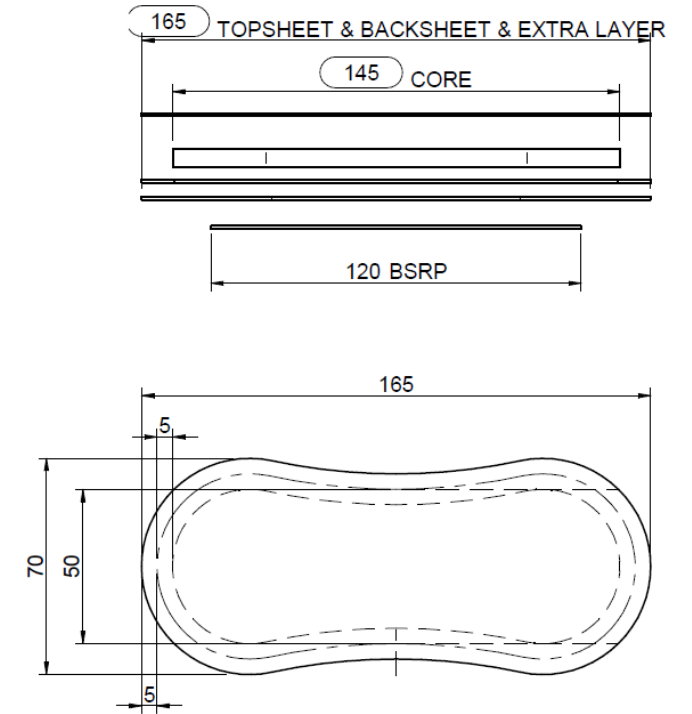
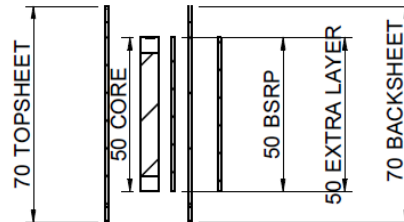
- **On the right you can find a detailed drawign for Normal size (235 mm)**



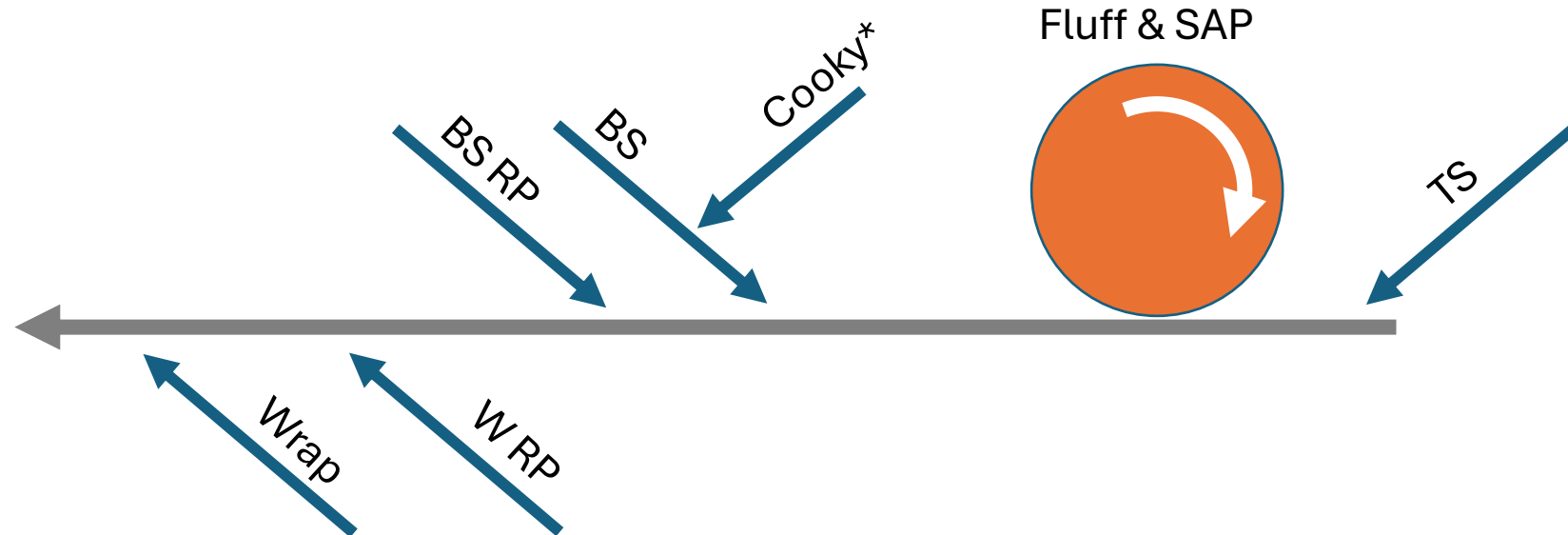
Panty Liners – product structure & details

- **#1 sizes for Panty Liners (165 mm)**
 - Profile without wings
 - Core Fluff + SAP
 - Core embossing
 - Bifolded configuration

- **On the right you can find a detailed drawign for Panty size (165 mm)**



Raw Materials Processes Sequence



Notes on cooky layer:

- This layer is no more required due to improvements on BS characteristics
- With some modifications the equipment can be reused to include an ADL

Vendor List

Equipment	Brand Name
RDC + ANVIL + FRAME	NIPPON or equivalent
ADHESIVE SYSTEM	VALCO MELTON
EDGE GUIDER SYSTEM	BST or FIFE
SAFETY GUARDS	GDM
SERVOMOTORS	SIEMENS
DRIVES	SIEMENS
FILTER	GDM
SAP	SCHENCK
SERVOMOTORS (Staker)	ROCKWELL
DRIVER (Staker)	ROCKWELL