



MONDINI / FILPACK / STERIFLOW - CUP FILLING LINE - BABY FOOD



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SKU: 12518 | **Categories:** [Food production line](#), [Line / set of production machinery](#)

PRODUCT DESCRIPTION

COMPLETE CUP FILLING AND STERILISATION LINE - BABY FOOD 100 g / 200 g - 140 JARS/MIN

Manufacturers: Filpack, Mondini, Guelt, Steriflow, Ariès, Jyga Process, Fanuc

Type: Line for filling, sealing, sterilising and packaging cups

Years: 2003-2016 (main part of the line: 2012-2013)

Previous industry: Food and drink - baby food

CARACTÉRISTIQUES GÉNÉRALES

- Cadence : 140 pots/min
- Formats : 100 g et 200 g
- Pots en PP thermoformé, Ø 89,5 mm
- Inertage sous vide ou azote à l'operculage
- Pasteurisation / stérilisation en autoclaves rotatifs, avec contre-pression
- Chargement et déchargement automatique des autoclaves (robots et navette)
- Prélèvement automatique d'échantillons
- Contrôle caméra par lecture de code-barres, et contrôle pondéral des cartons

LINE-UP



1. Dépileur de pots – Mondini – 2012
2. 6-head brushless dosing unit – Filpack – No. 120111 – 10/2012
3. Vacuum/nitrogen-flushed sealing machine – Mondini – No. A/12/A-00464 – October 2012
4. Robot for loading trays and assembling autoclave loads – Guelt – 2013
5. Transfer shuttle for trains to autoclaves – Steriflow – 2012
6. 3 rotary autoclaves, each with 5 baskets – Steriflow – 2012
7. Robot for unloading trains and placing cups onto a conveyor belt – Guelt – 2013
8. Automatic sample collector – Guelt – 2013
9. Autoclave-exit lid applicator – Mondini – No. A/12/A-00464 – 2013
10. Fitting cardboard sleeves onto the jars – Mondini
11. Clustering (grouping of cups) – Ariès – No. 415 038A – 2012
12. Wrap-around cartoning machine – Jyga Process – No. D4303 – 2016
13. M-410iB/160 palletising robot (type A05B-1041-B201) – Fanuc – No. R03Z46888 – December 2003

DOSING – FILPACK

- 6 dispensing heads, brushless motor
- Products with or without chunks

SEALING – MONDINI

- Vacuum or nitrogen purging
- 2 sealing tools (1 in use, 1 spare)
- Lid: 65 mm print area

STÉRILISATION – STERIFLOW

- 3 rotary autoclaves
- 5 baskets per autoclave, i.e. 4,320 jars per autoclave
- 1 load = 5 baskets; 1 basket = 1 base tray, 11 trays and 1 lid
- 1 tray = 144 jars; 1 stack = 6 trays
- Tray stock: 24 base trays, 21 lids, 228 trays, i.e. 4 complete sets plus enough to start a 5th set

ÉCHANTILLONNAGE – GUELT

- 1 cup sampled for every 432 jars

PACKAGING – ARIÈS / JYGA PROCESS / FANUC

- Clustering into 4 formats: 1 × 1 jar, 1 × 2 jars, 1 × 3 jars, 2 layers × 2 jars
- Camera monitoring via barcode scanning
- Wrap-around cartoning with carton weighing and ejection of non-compliant cartons (example format: 6 × (4 × 100 g))
- Palletising according to pre-recorded palletising plans



COMPATIBLE CUPS (MANUFACTURER'S DRAWINGS: RPC BEBO PLASTIK)

100 g jar – Item 1-89-40-M

- External diameter: 89.5 mm
- Internal diameter: 81.5 mm
- Height: 40 mm
- Capacity to the brim: 145 ml

200 g jar – Item 1-89-60-M

- External diameter: 89.5 mm
- Internal diameter: 81.5 mm
- Height: 60 mm
- Capacity to the brim: 230 ml

DOCUMENTATION AVAILABLE

- Line layout diagram
- Technical drawings of the 100 g and 200 g jars
- Cutting-out templates: lid, 4 × 100 g pack, 6 × (4 × 100 g) wrap







