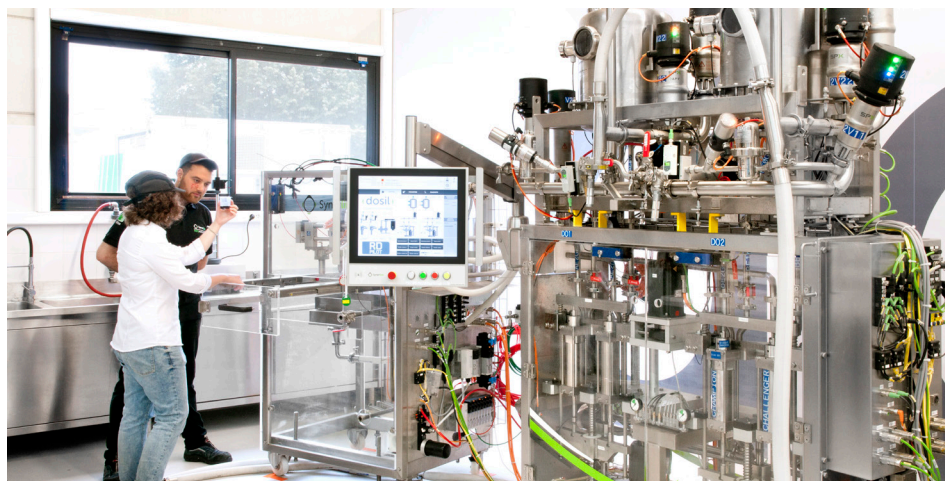




SERVICES

FILLING AND PRODUCT TESTS



MACHINES CONCERNED

Any equipped filler on:
Fill-Seal machines
Form-Fill-Seal machines



Key points

- Precision
- Efficiency
- Productivity
- Product quality

Objectives

- Analyze and/or validate a new dose setting
- Qualify a product on an existing and/or new filler

Description

- Tests in the dedicated Synerlink R&D area with a pilot filler
- Filling audit and testing on customer site (possible relocation of pilot filler)

Benefits

- Improvement of operating costs (reduction of product losses, increase in operating times)
- Improvement of efficiency of an existing filler (precision, dripping)

Deliverables

- Test report and quotation for industrially applicable technical solution
- Technical assistance during project start-up



SERVICES

GENERAL TECHNICAL AUDIT



Key points

- Performance
- Ease of maintenance
- Safety

Description

- Static and dynamic equipment audits
- 300 checkpoints

Benefits

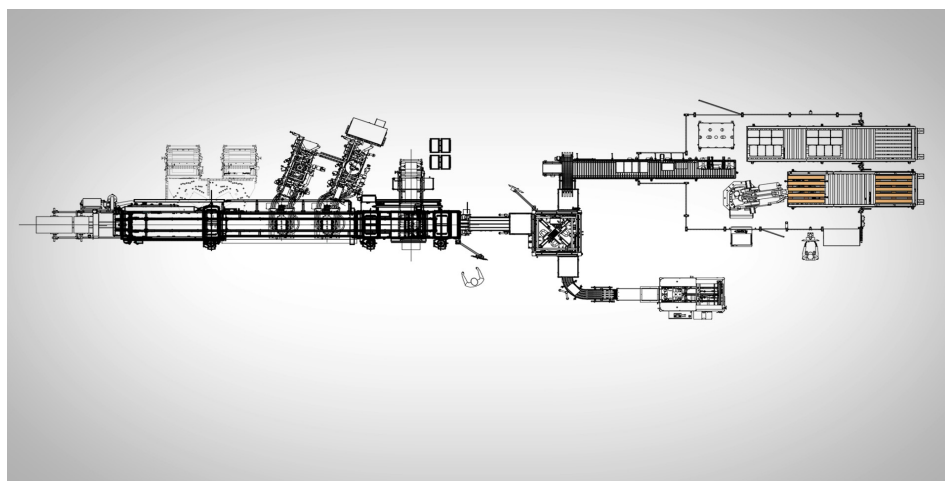
- Equipment performance optimization
- Improved maintenance budget planning
- Improved operator safety

MACHINES CONCERNED

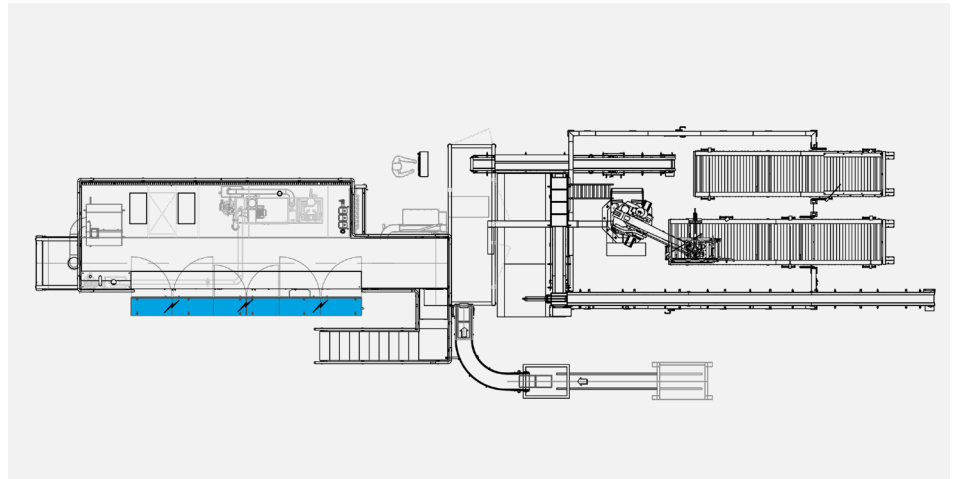
Fill-Seal machines
Form-Fill-Seal machines
Filling solutions
End-of-line equipment

Deliverables

- Audit report indicating a plan of action with prioritization of required tasks and servicing operations, a training plan
- Operating and maintenance recommendations



ELECTRICAL AND AUTOMATION OBSOLESCENCE AUDIT



MACHINES CONCERNED

Fill-Seal machines
Form-Fill-Seal machines
Filling solutions
End-of-line equipment

Key points

- Performance
- Ease of maintenance
- Safety
- Budget planning

Description

- Equipment audit to identify obsolete components
- Assessment of available updates

Benefits

- Ensures correct equipment performance
- Avoids emergency outages due to obsolete equipment
- Provides information on possible machine improvements for increasing efficiency

Deliverables

- Audit report indicating the life-cycle stage (active, maturity, end-of-life, stopped production - obsolete)
- Update offer





SERVICES

REMOTE LEARNING



Key points

- Cost optimization
- Availability
- Specialization

Description

- Expert instruction on a target subject via web conference
- Optimized duration according to the contents: Max. 2 hour sessions with the option of several sessions depending on the topic

Benefits

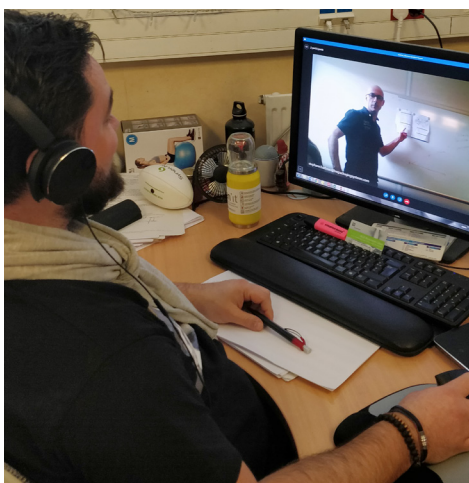
- Availability of an expert on every subject
- Concise, targeted training
- Reinforcement of knowledge gained through regular training
- Approved training center (France only)

Deliverables

- Support for specific training
- Training session(s)
- Knowledge test
- Certificate

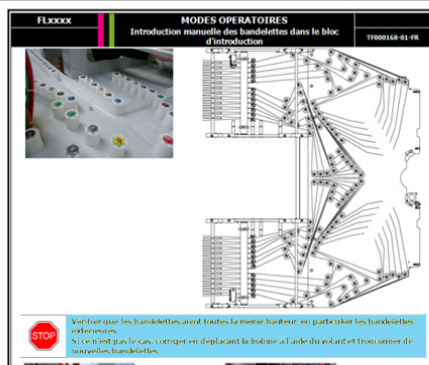
MACHINES CONCERNED

Fill-Seal machines
Form-Fill-Seal machines
End-of-line equipment

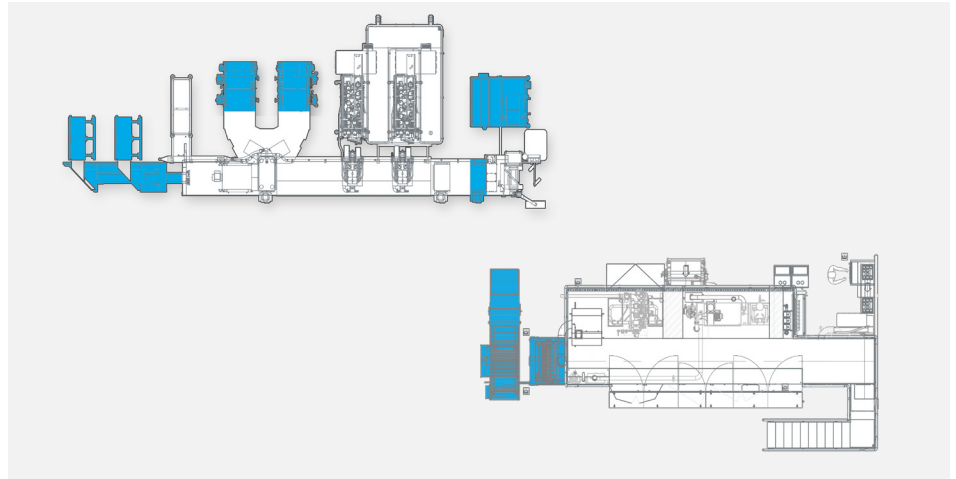


EXEMPLES DE SUPPORTS DE FORMATION

Production



USE OF MATERIALS AUDIT



MACHINES CONCERNED

Fill-Seal machines
Form-Fill-Seal machines
End-of-line equipment
(ARCIL, ERMI and APRIUM)



Key points

- Performance
- Cup quality
- Optimization

Description

- On-line qualification and testing of new materials: plastic, label, lid, overwrapping, carton

Benefits

- Optimization of material costs
- Ensuring that cup changes are feasible
- Optimization of tool life (trimming, sealing, etc.)

Deliverables

- Expert report with qualification/validation of evaluated materials
- New settings and proposed modifications to machine and tooling, if necessary



THERMOFORMING DEFAULTS DIAGNOSIS



Key points

- Autonomy
- Flexibility
- Performance

Description

- Utility for quickly identifying cup quality problems (forming and label)

Benefits

- Troubleshooting help
- More autonomy for team members (operators and maintenance)

MACHINES CONCERNED

Form-Fill-Seal ARCIL A5
Form-Fill-Seal ARCIL A6
Form-Fill-Seal ARCIL A7
Form-Fill-Seal ARCIL A8
Form-Fill-Seal ARCIL A10

Deliverables

- Multiplatform online access, available 24 hours a day
- Available in multiple languages
- Connection possible with machine's reference list (optional)



Sélectionnez l'élément

FORMAGE

Accueil » FORMAGE

Sélectionnez un défaut

RCV

RCH

Accueil » FORMAGE » RCV » Tous les X pas » Tous les pots

Résultats

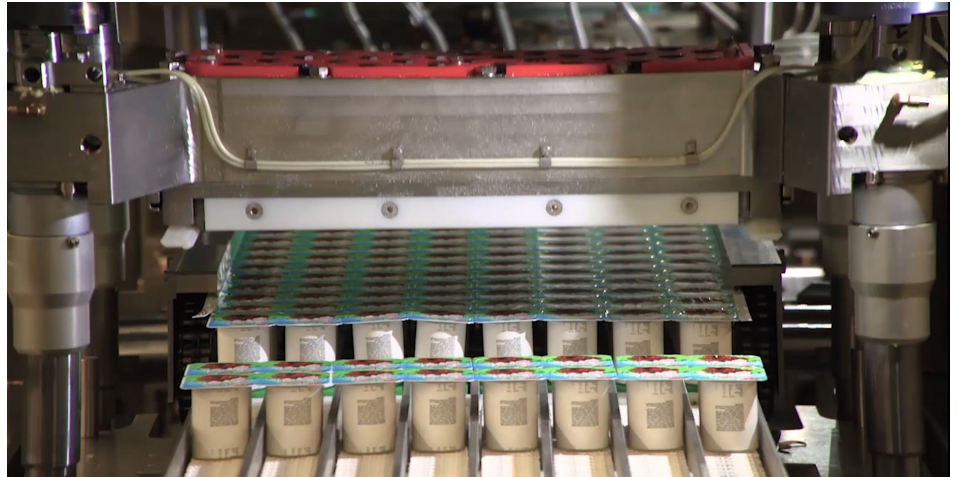
Origine la plus probable

Poste	Origine
Outil de formage	Conformité Matériel
	centrage plaque fond de pot m

Autres origines possibles

Poste	Origine
Energies	Réglage (paramétrage)
	Pression air de formage
Outil de formage	Réglage (paramétrage)
	température moule

CUP QUALITY AUDIT



MACHINES CONCERNED

Form-Fill-Seal ARCIL A4
Form-Fill-Seal ARCIL A5
Form-Fill-Seal ARCIL A6
Form-Fill-Seal ARCIL A7
Form-Fill-Seal ARCIL A8
Form-Fill-Seal ARCIL A10

Key points

- Cup quality
- OPEX reduction
- Performance

Description

- On-site assessment to optimize settings and determine ways of improving cup quality

Benefits

- Production efficiency linked to machine optimization
- Reduction of production losses linked to quality rejects

Deliverables

- Settings and optimization of the parameters associated with cup quality
- Assessment report with action plan for improving cup quality





SERVICES

NEW CUP DESIGN



Key points

- Differentiation
- Competitive advantage
- Performance

Description

- Support for designing a new cup from our multi-skilled team covering: marketing conception, packaging design and industrialization

Benefits

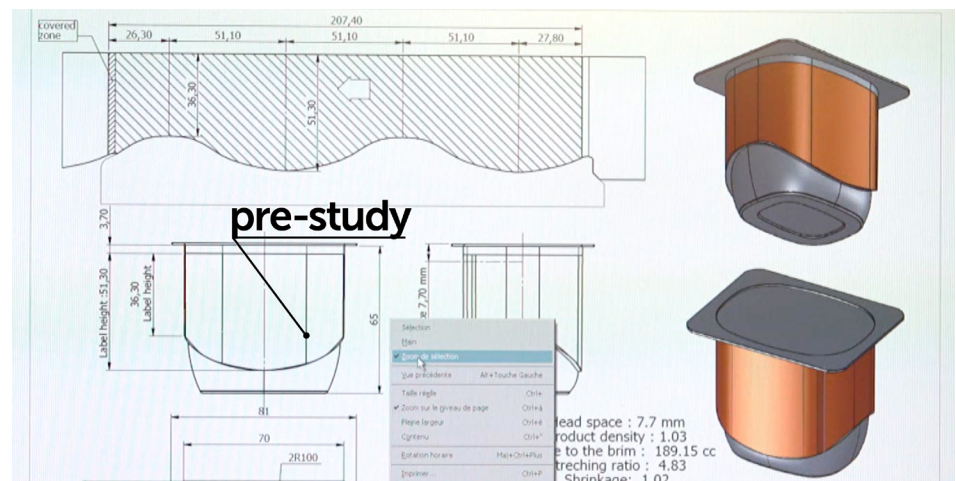
- Renewal of concepts
- Verification of technical feasibility by our experts
- Bringing the Synerlink benchmark to the world level

MACHINES CONCERNED

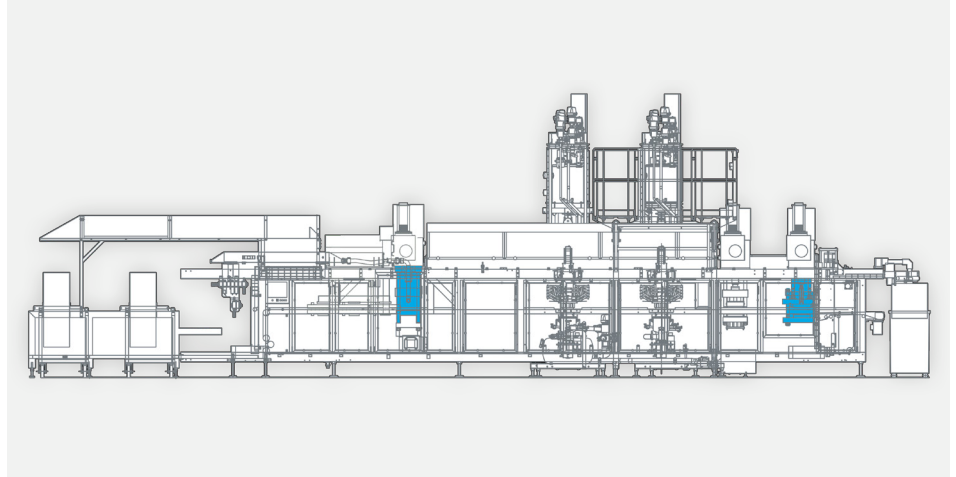
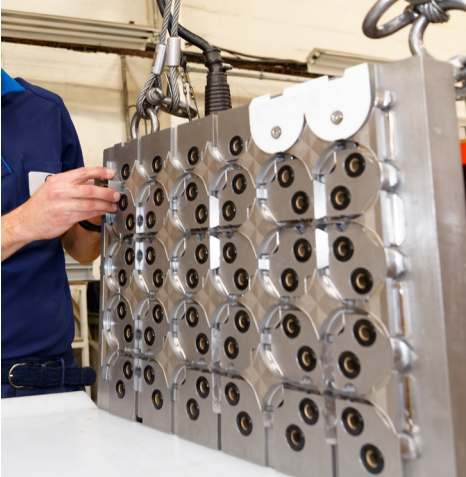
Fill-Seal machines
Form-Fill-Seal machines

Deliverables

- Multiplatform online access, available 24 hours a day
- Available in multiple languages
- Connection possible with machine's reference list (optional)



CUTTING TOOL AUDIT



MACHINES CONCERNED

Form-Fill-Seal ARCIL A4
Form-Fill-Seal ARCIL A5
Form-Fill-Seal ARCIL A6
Form-Fill-Seal ARCIL A7
Form-Fill-Seal ARCIL A8
Form-Fill-Seal ARCIL A10

Key points

- Maintenance
- Productivity
- Product quality

Description

- One-day presence of an expert on site (machine stopped)
- Audit covering 5 themes: condition of guidance system, tool geometry, lubrication, tool core (cutting components) and change of format
- Presentation of audit results

Benefits

- Snapshot
- Detailed tool analysis for optimizing its service life
- Provisional maintenance budget forecast
- Maintenance team support

Deliverables

- Detailed audit report with recommendations
- Plan of action with short-, medium- and long-term actions





SERVICES

TRIMMING TOOLS RECONDITIONING



Key points

- Cup quality
- Performance
- Traceability
- Service contract

Description

- Acceptance of the tool in the Sogameca workshop, disassembly, cleaning and individual assessment of each piece. Marking of sharpening values on drawings
- Preparation of a quotation with details of work to be done (sharpening or part replacement)

MACHINES CONCERNED

Form-Fill-Seal machines
(All manufacturers)

Benefits

- Original parts and manufacturer expertise: materials, processing, surface condition, precision
- Maintenance budget forecast
- Usage period for cutting components after reconditioning doubled (up to 20 million cycles for PS+ Mixpap)

Deliverables

- Cutting chart with report of cuts performed: sharpening values and estimated date of next reconditioning
- Cutting tests on complete tool with crosspieces

