



SACMI

CCM

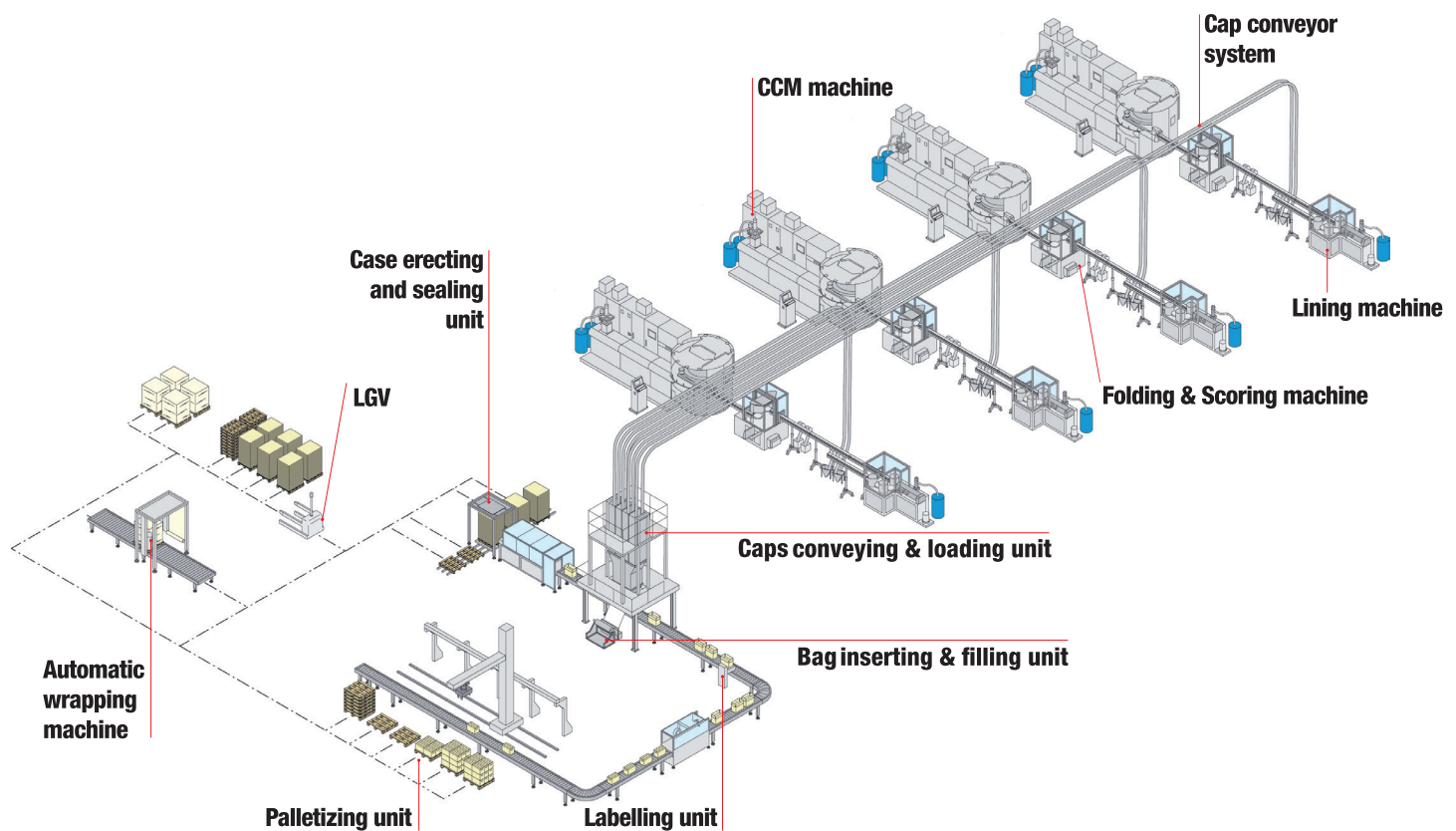
Compression Technology for plastic closures

Complete plant for the production of plastic caps

Plastic closure moulding, packaging and palletizing system

Moulage de bouchons en plastiques, packaging et systèmes de palettisation

塑料瓶盖成型, 包装和码垛系统



EN The Sacmi Group provides the very latest plant engineering solutions in this business area too. Together with more traditional modular options where plenty of space is required, it is also possible to offer – for this kind of closure – packing and palletizing stations regarded as extremely innovative, just like the one illustrated below, allowing outstanding flexibility and above all, cutting-edge automation within a much more compact space.

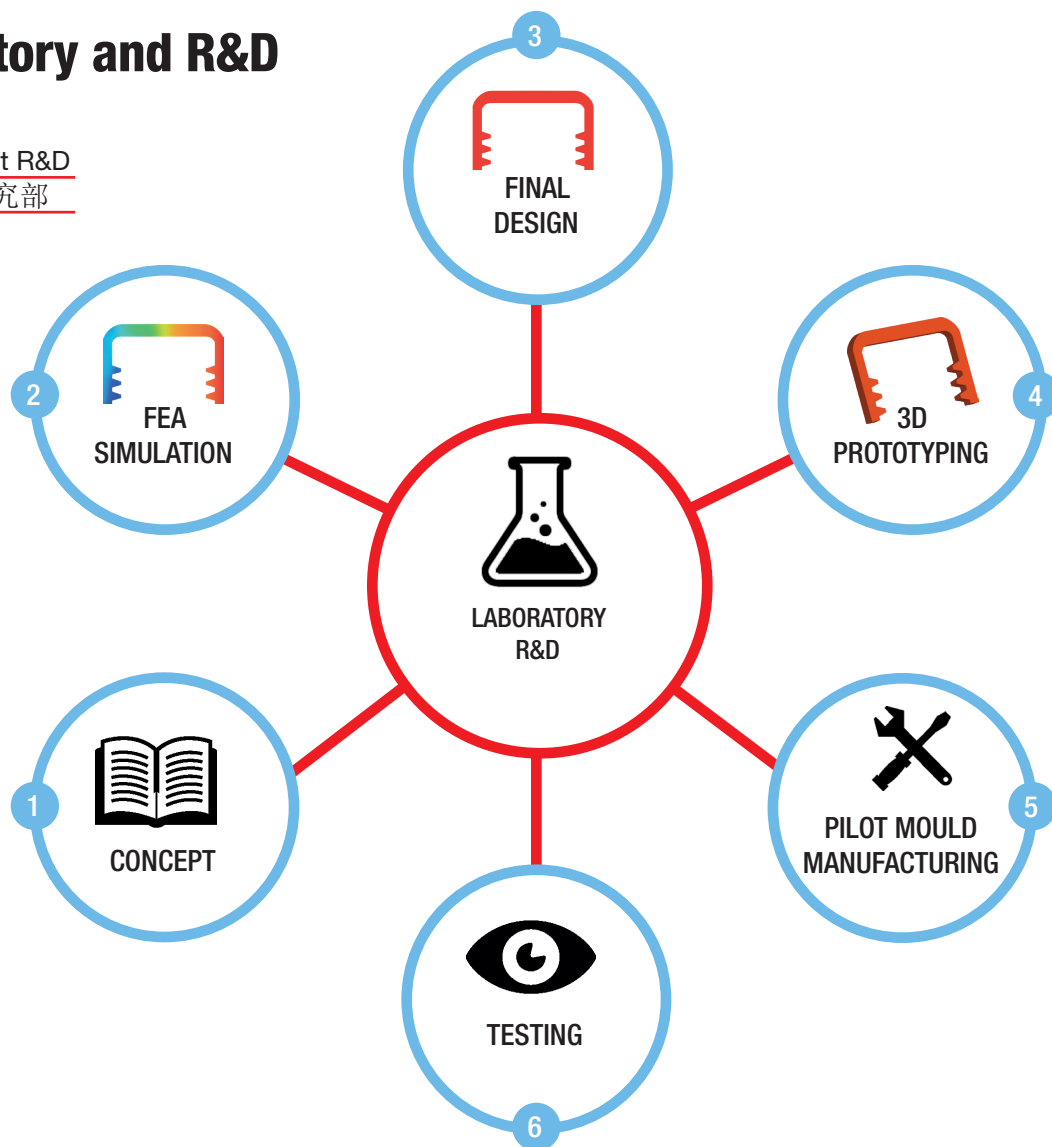
FR Pour ce produit également, le Groupe Sacmi propose des solutions d'installations absolument à l'avantgarde. Outre les solutions modulaires classiques qui requièrent des espaces considérables, il est possible d'offrir, pour ce type de capsules, des îlots d'emballage et de palettisation particulièrement innovants, tel que celui représenté par le dessin ci-après, qui offrent une grande flexibilité et, surtout, le plus haut degré d'automatisation possible dans un espace très réduit.

CN 萨克米集团也可以为工厂设计提供最终的解决方案。与传统模式相比, 后者的工厂需要更大的空间。如今提供的瓶盖包装 - 码垛展现了创新, 如下图所示, 在很小空间内, 灵活性, 和自动操作。

SACMI: Your 360° Supplier

Laboratory and R&D

Laboratoire et R&D
实验室与研究部



EN Sacmi is manufacturer of machines, molds and closure designs thus giving customers complete and customized solutions by means of a unique Supplier.
Sacmi has already developed more than 500 different closures' version for clients worldwide.

R&D targeted in 2 main areas: technical solutions and technology, as the combination of these two aspects has always been the key to Sacmi winning offer and will continue providing customers with even more competitive TCO (Total Cost of Ownership) in the perspective.

FR Sacmi est une entreprise qui fabrique des machines et des moules et conçoit des dispositifs de fermeture de manière à offrir aux clients des solutions complètes et personnalisées en faisant appel à un seul fournisseur.

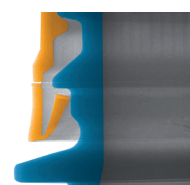
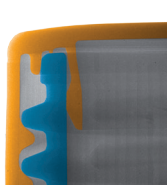
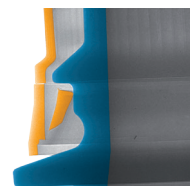
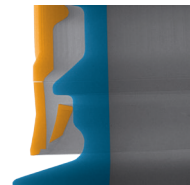
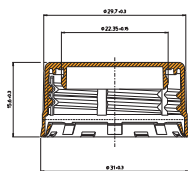
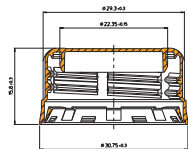
Sacmi a déjà conçu plus de 500 modèles de fermeture pour les clients dans le monde entier.

Le service de R&D a misé sur 2 facteurs principaux : les solutions techniques et la technologie étant donné que la conjugaison de ces deux aspects a toujours été la clé de la réussite de Sacmi et continuera à fournir aux clients des TCO (Coût total de possession) de plus en plus compétitifs dans la perspective.

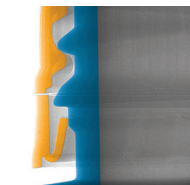
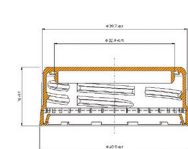
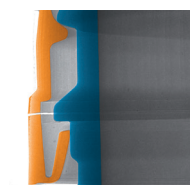
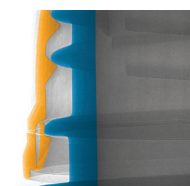
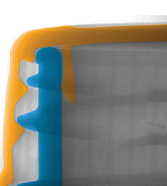
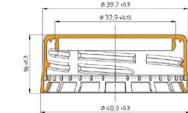
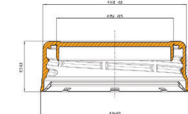
CN 萨克米既是设备，模具，瓶盖设计生产商，也是独家供应商，为客户提供整线或根据要求提供各类解决方案。
萨克米已研发超过500种盖型，客户遍及全球。

研发部致力于提供技术解决方案和技术革新，是萨克米赢得市场的关键所在，同时也为客户提供更具竞争力的总成本有效方案。

A1881CAF-5
Size: 28 mm
Application: CAF & W
Material: HDPE
Weight: 1.65 g
Thread: PCO1881
Cycle time (COOL+): 1.8 s
One-piece closure



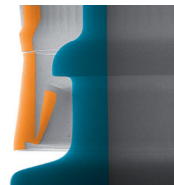
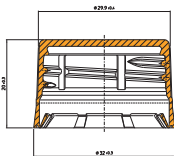
A38CAF-7
Size: 38 mm
Application: CAF & W
Material: HDPE
Weight: 3.20 g
Thread: 2 leads
Cycle time (COOL+): 2.7 s
One-piece closure



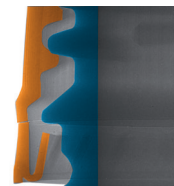
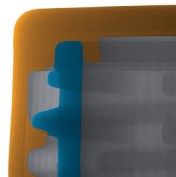
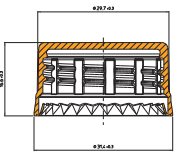
CSD

28
mm

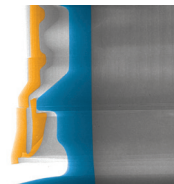
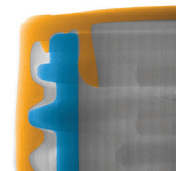
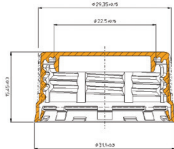
A28-5
Size: 28 mm
Application: CSD
Material: PP copolymer
Shell weight: 2.90 g
Liner weight: 0.21 g
Thread: PCO1810
Cycle time: 3.8 s
Two-piece closure



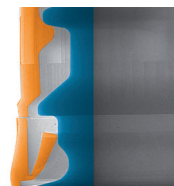
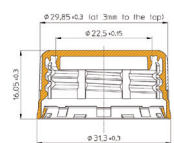
PC1881
Size: 28 mm
Application: CSD
Material: PP copolymer
Shell weight: 2.50 g
Liner weight: 0.24 g
Thread: PCO1881
Cycle time: 3.2 s
Two-piece closure



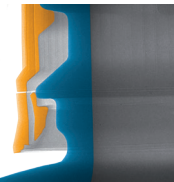
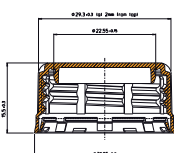
AB1881CSD-2 24K
Size: 28 mm
Application: CSD
Material: HDPE
Weight: 2.00 g
Thread: PCO1881
Cycle time (COOL+): 2.0 s
One-piece closure



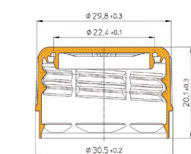
A1881CSD-5
Size: 28 mm
Application: CSD
Material: HDPE
Weight: 2.50 g
Thread: PCO1881
Cycle time (COOL+): 2.4 s
One-piece closure



AB1881CSD-8
Size: 28 mm
Application: CSD
Material: HDPE
Weight: 2.15 g
Thread: PCO1881
Cycle time (COOL+): 2.1 s
One-piece closure



S28CSD-8
Size: 28 mm
Application: CSD
Material: HDPE
Weight: 2.80 g
Thread: PCO1810
Cycle time (COOL+): 2.9 s
One-piece closure

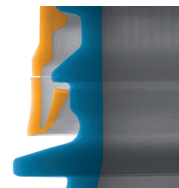
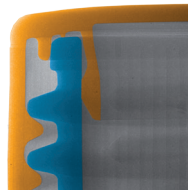
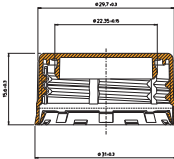


Most popular range of SACMI plastic closures

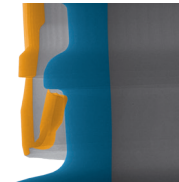
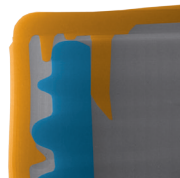
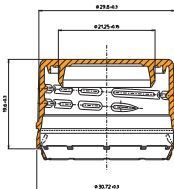
HOT FILL

28
mm

A1881HF-1A
Size: 28 mm
Application: HF, CAF & W
Material: HDPE
Weight: 2.20 g
Thread: PCO1881
Cycle time (COOL+): 2.0 s
One-piece closure

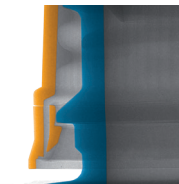
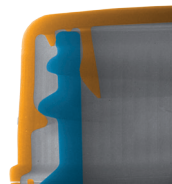
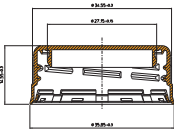


A28HF-1
Size: 28 mm
Application: HF
Material: PP copolymer
Weight: 2.70 g
Thread: PCO1810
Cycle time (COOL+): 2.7 s
One-piece closure



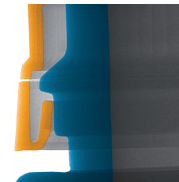
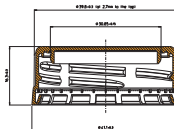
33
mm

AB33HF
Size: 33 mm
Application: HF
Material: HDPE
Shell weight: 2.50 g
Thread: 2 leads
Cycle time (COOL+): 2.4 s
One-piece closure



38
mm

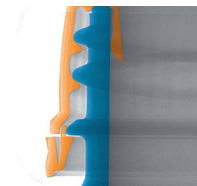
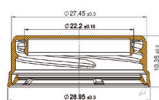
A38HF-6
Size: 38 mm
Application: HF
Material: HDPE
Weight: 3.55 g
Thread: 2 leads
Cycle time (COOL+): 2.7 s
One-piece closure



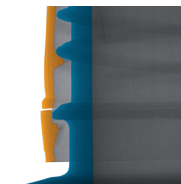
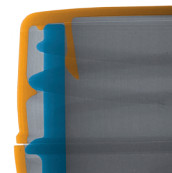
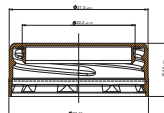
WATER

26
mm

AB26W
Size: 26 mm
Application: W
Material: HDPE
Weight: 0.98 g
Thread: 3 leads
Cycle time (COOL+): 1.4 s
One-piece closure

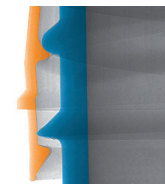
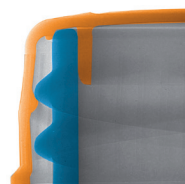
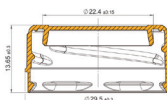


S26W-2
Size: 26 mm
Application: W
Material: HDPE
Weight: 0.90 g
Thread: 3 leads
Cycle time (COOL+): 1.4 s
One-piece closure



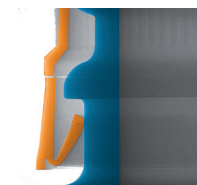
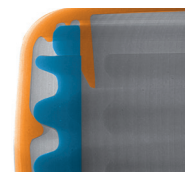
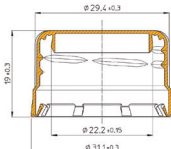
27
mm

S27W-1
Size: 27 mm
Application: W
Material: HDPE
Weight: 1.40 g
Thread: 3 leads
Cycle time (COOL+): 2.2 s
One-piece closure



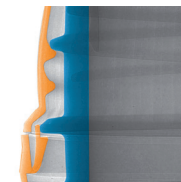
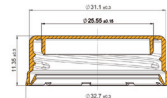
28
mm

A28W-1
Size: 28 mm
Application: W
Material: HDPE
Weight: 1.95 g
Thread: PCO1810
Cycle time (COOL+): 2.0 s
One-piece closure

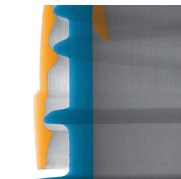
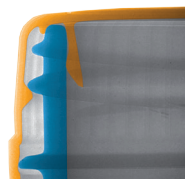
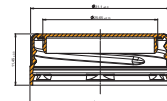


29
mm

AB29W
Size: 29 mm
Application: W
Material: HDPE
Weight: 1.25 g
Thread: 3 leads
Cycle time (COOL+): 1.4 s
One-piece closure

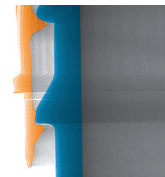
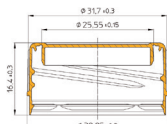


S29W-15
Size: 29 mm
Application: W
Material: HDPE
Weight: 1.25 g
Thread: 3 leads
Cycle time (COOL+): 1.4 s
One-piece closure



30
mm

S30-39
Size: 30 mm
Application: W
Material: HDPE
Weight: 1.70 g
Thread: 3 leads
Cycle time (COOL+): 1.8 s
One-piece closure

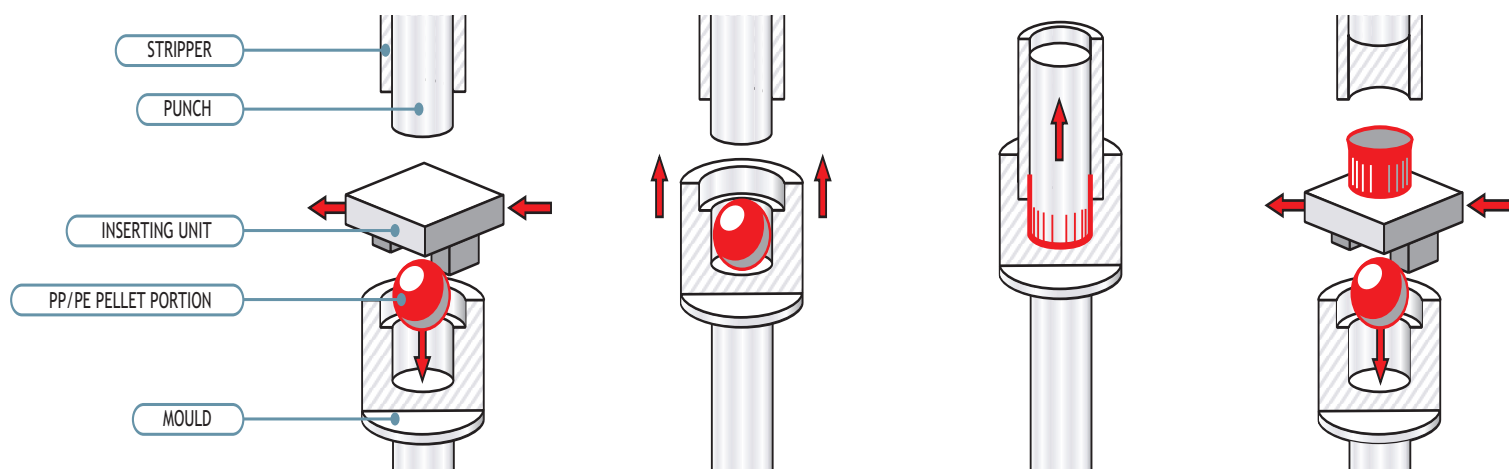


CCM Continuous Compression Moulding

The Process

Processus

工艺过程



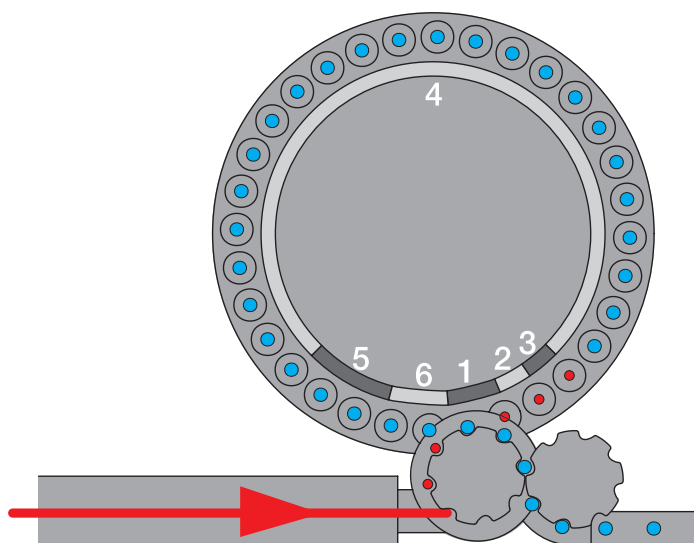
EN CCM hydraulic rotary presses are specially designed to produce thermoplastic products by means of compression.

A continuous work cycle is carried out, during which the plastic material is fed by a plasticization unit, cut into suitably sized pellets and then inserted inside the cavities.

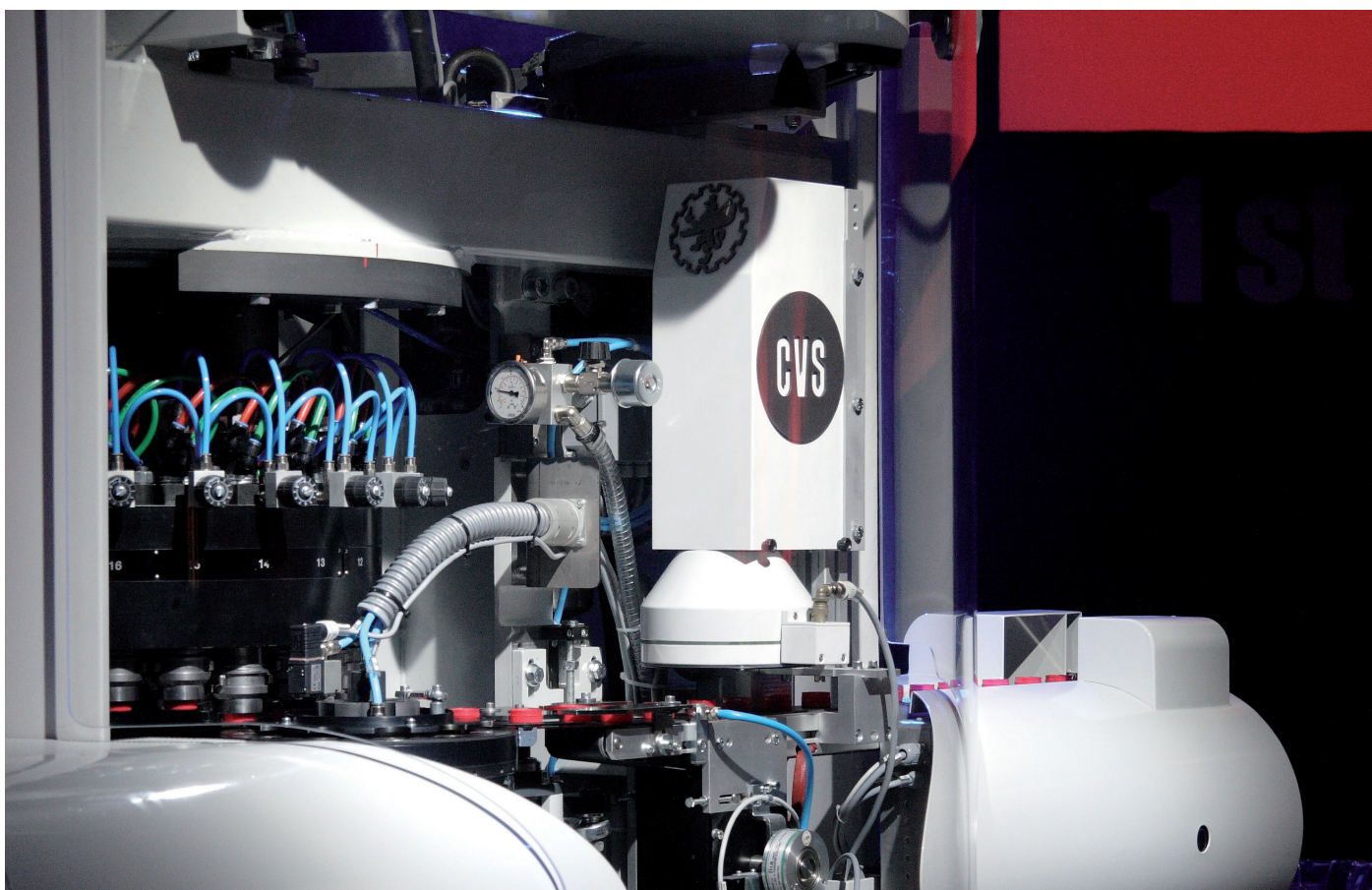
A hydraulic system clamps the moulds at a pressure which can be adjusted even while the production cycle is in progress.

The task of the extruder is to plasticize the compound; that means melting, mixing and preparing the melt correctly for the lining process.

The bulk of the energy needed to plasticize the compound comes from the mechanical friction of the screw-barrel-material system, not the heating elements on the barrel.



- ➔ Melt
- Pellet
- Caps



FR Les presses rotatives hydrauliques CCM ont été spécialement conçues pour la production de produits thermoplastiques par compression.

Pendant le cycle de travail continu le matériel plastique est alimenté depuis une unité de plastification, il est coupé en doses exactement calibrées qui sont introduites dans les matrices.

Les moules sont fermés par un système hydraulique à une pression qui peut être réglée au cours du cycle de production.

L'extrudeuse sert à plastifier le compound, c.-à-d. qu'il est fondu, mélangé et que ce mélange est correctement préparé pour la réalisation de la garniture.

La plupart de l'énergie nécessaire pour plastifier le compound est requise par le frottement mécanique du système vis-extrudeuse-matériau et non pas par les éléments chauffants sur l'extrudeuse.

CN 液压式旋转压盖机，采用连续压塑成型工艺，特别适用于热塑成型产品。

经过塑化的物料，定量剪切投入到模腔里，连续循环运行

液压系统安装在接近模具的位置，在设备循环运行时，便于调整压力。

挤出机的作用是塑化物料，使之处于熔融状态。

具体是指物料的熔化，混合，以及为下一道加垫工序做准备。

塑化原料的能量主要来自螺杆-物料系统的机械摩擦，而不是来自于料桶中的加热单元。

Why is Compression Moulding better than Injection?

Compression Moulding advantages

Avantages du Moulage par Compression

压塑成型的优势



EN Compression moulding is already a well known technology worldwide.

More than 65% of plastic beverage caps are produced through compression. Sacmi, the world-leading compression moulding machine producer, draws confidence from all the success achieved so far and has now widened and consolidated the range of machines available to its customers and has no doubts as to the advantages offered by compression in terms of lower production costs and better product quality.

COMPRESSION ADVANTAGES:

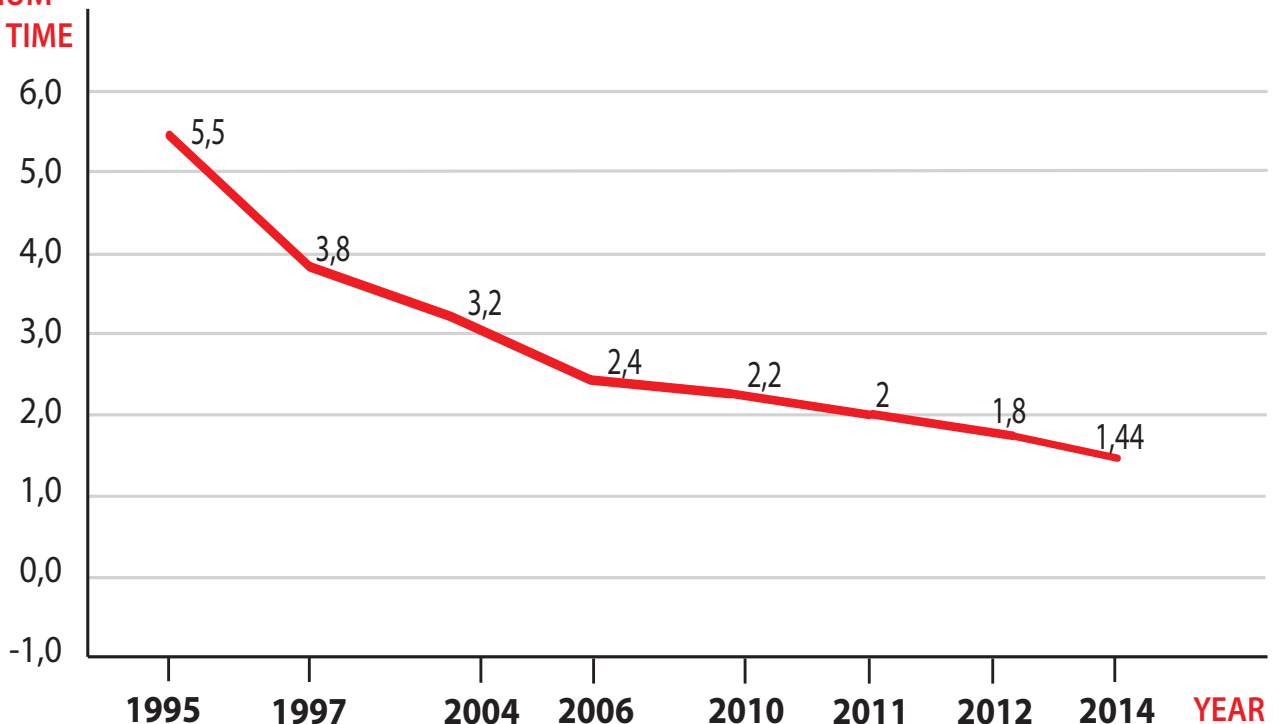
- Shorter cycle time and therefore higher productivity
- Less energy consumption
- High specific density
- Maintenance-free moulds that last decades
- Quick colour changeover process
- Less waste = lower costs

Cycle time improvement

Améliorations du temps de cycle

循环时间缩短

MINIMUM
CYCLE TIME



FR Le moulage par compression est une technologie bien connue dans le monde entier.

Plus de 65% des capsules en plastique pour boissons sont produites par compression.

SACMI, leader mondial dans le secteur de la production de machines de moulage par compression, connaissant bien toutes les améliorations apportées jusqu'à présent, a développé et consolidé ultérieurement la gamme de machines qu'elle est en mesure de proposer à ses Clients. Les avantages de la compression en termes de coûts inférieurs de production et de qualité supérieure du produit sont évidents.

AVANTAGES DE LA COMPRESSION:

- Cycle de travail plus court et, par conséquent, productivité accrue
- Économie d'énergie
- Haute densité spécifique
- Moules ne nécessitant pas d'entretien pendant de longues années
- Changements de couleur rapides
- Moins de rebuts = coûts inférieurs

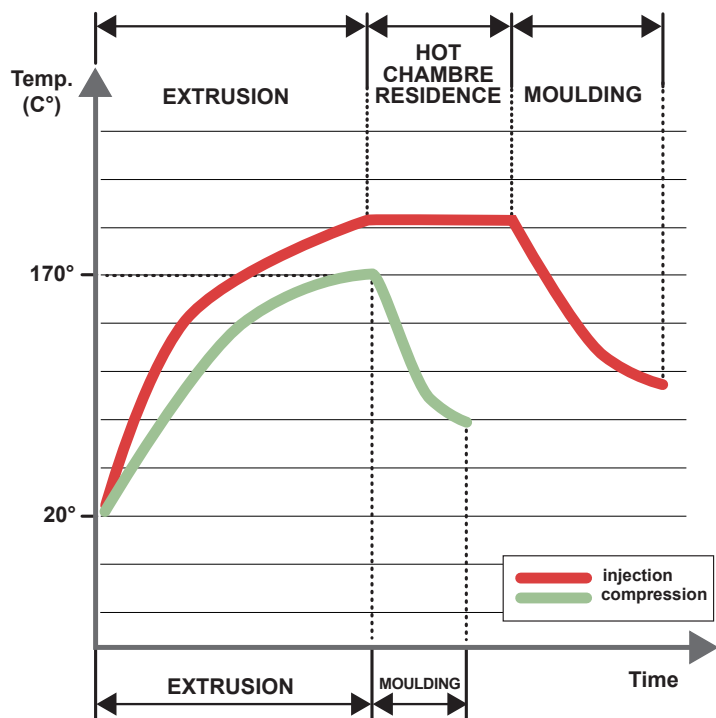
CN 压塑工艺已成为全球皆知的技术。

超过65%的塑料瓶盖是通过压塑工艺生产的。

萨克米在世界上是生产压塑设备的先导，基于已有的成功，萨克米更加坚定了巩固和拓展制盖机的使用范围，满足客户的需求。毫无疑问，压塑制盖的生产低成本和产品高质量是萨克米公司的优势所在。

压塑工艺的优势:

- 循环时间短，产量高
- 能耗低
- 瓶盖的密度高
- 模具保养费用几乎为零
- 颜色更换快
- 废料少 = 低成本



EN SHORTER CYCLE time and therefore higher productivity. The lower extrusion temperature allows the cap to be cooled in the mould more quickly: this has shortened cycle times, which have, in the case of lightweight caps, been cut to around 2 seconds.

LESS ENERGY CONSUMPTION. Lower extrusion temperatures mean less energy is needed to bring the plastic to extrusion temperature and, since the plastic is colder, less energy to cool it is needed. Overall energy savings per cap produced can be as high as 45%.

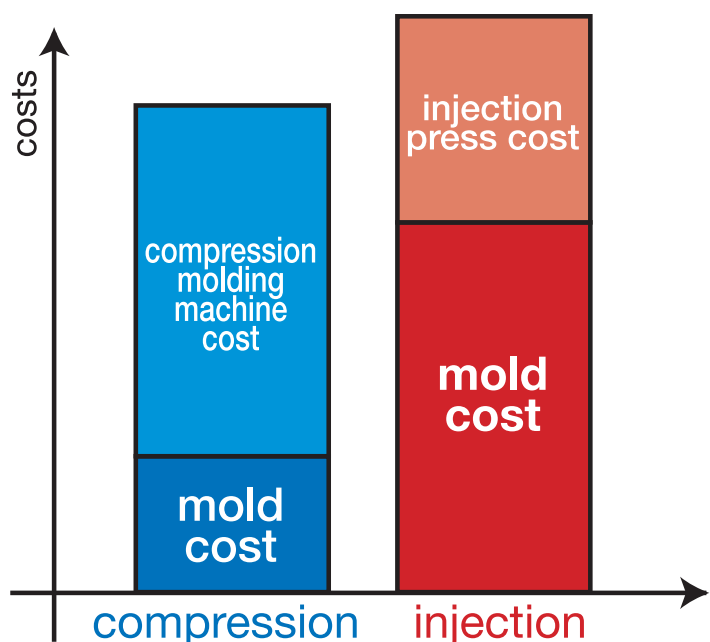
HIGH SPECIFIC DENSITY. Moulding pressure being equal, lower temperatures allow attainment of a higher specific density; moreover, the injection point, which puts added strain on the molten plastic, is absent. This technological condition provides mechanical properties and a consistency that would be unattainable with injection.

CONSISTENCY has become a major issue in beverage bottling where production lines are ever-faster and more sophisticated and where cap-related plant stoppages can no longer be tolerated.

EASY AND FLEXIBLE MAINTENANCE Independent molds allow a flexible maintenance program, as long as it is performed on spares stacks offline, thus avoiding machine downtime. Additionally, maintenance activities are extremely fast and ordinary, because hot runners are missing.

QUICK COLOR CHANGEOVERS These can be completed quickly without having to clean a hot chamber, which is absent in the compression process.

LESS WASTE lower costs.



FR Temps de **CYCLE PLUS COURT** et donc productivité plus élevée. La basse température d'extrusion permet de refroidir plus rapidement la capsule dans le moule ; cela a comporté une réduction des temps de cycle qui, dans le cas des capsules légères, a été diminué de 2 secondes environ.

ÉCONOMIE D'ÉNERGIE. Des températures d'extrusion inférieures, cela signifie qu'il faut moins d'énergie pour que le compound atteigne la température d'extrusion et, étant donné que le compound est plus froid, il faut aussi moins d'énergie pour le refroidissement. L'économie d'énergie totale par capsule produite peut ainsi atteindre 45%.

HAUTE DENSITÉ SPÉCIFIQUE. À pression de moulage égale, les basses températures permettent d'atteindre une densité spécifique plus élevée ; en outre le point d'injection qui comporte un effort supplémentaire sur le compound fondu, est absent. Les conditions technologiques assurent des caractéristiques mécaniques et une compacité qui ne pourraient pas être atteintes par injection.

La **COMPACTITÉ** est devenue un élément prioritaire dans le secteur de l'embouteillage des boissons, car les lignes de production sont de plus en plus rapides et sophistiquées et l'arrêt des machines pour des problèmes de capsules est devenu intolérable.

ENTRETIEN FACILE ET FLEXIBLE Les moules indépendants permettent de programmer l'entretien de manière flexible car ces activités sont effectuées sur des piles de pièces détachées offline, ce qui évite les temps d'arrêt de la machine. Par ailleurs, les activités d'entretien sont extrêmement rapides et simples étant donné qu'il n'y a pas de canaux chauds.

CHANGEMENTS DE COULEUR RAPIDES Ceux-ci peuvent être réalisés rapidement sans devoir nettoyer la chambre chaude, qui est absente dans le processus de compression.

MOINS DE REBUTS coûts inférieurs

CN Cycle时间短, 产量高
循环时间缩短, 产量提高。由于循环时间缩短, 挤出温度低, 瓶盖在模具内成型更快。就轻量型瓶盖而言, 循环时间缩短到大约2秒钟。

能耗低
挤出温度低意味着设备需要相对较少的能耗量, 就足以使原料温度达到挤出温度。原料温度越低, 需要冷却所用的能耗量也就越低。每个瓶盖节省的能耗可达45%。

瓶盖的密度高
相同的模具压力和较低的温度能达到较高密度。此外, 在熔化的塑料原料压塑成型时, 无注塑点。这样的技术条件提供的机械属性和瓶盖的一致性注塑工艺无法做到的。

瓶盖的一致性
瓶盖的一致性在瓶装饮料行业中是一个重要的主题: 生产线运行越快, 对瓶盖使用在生产运行的要求越高, 很短时间的停机都将无法容忍。

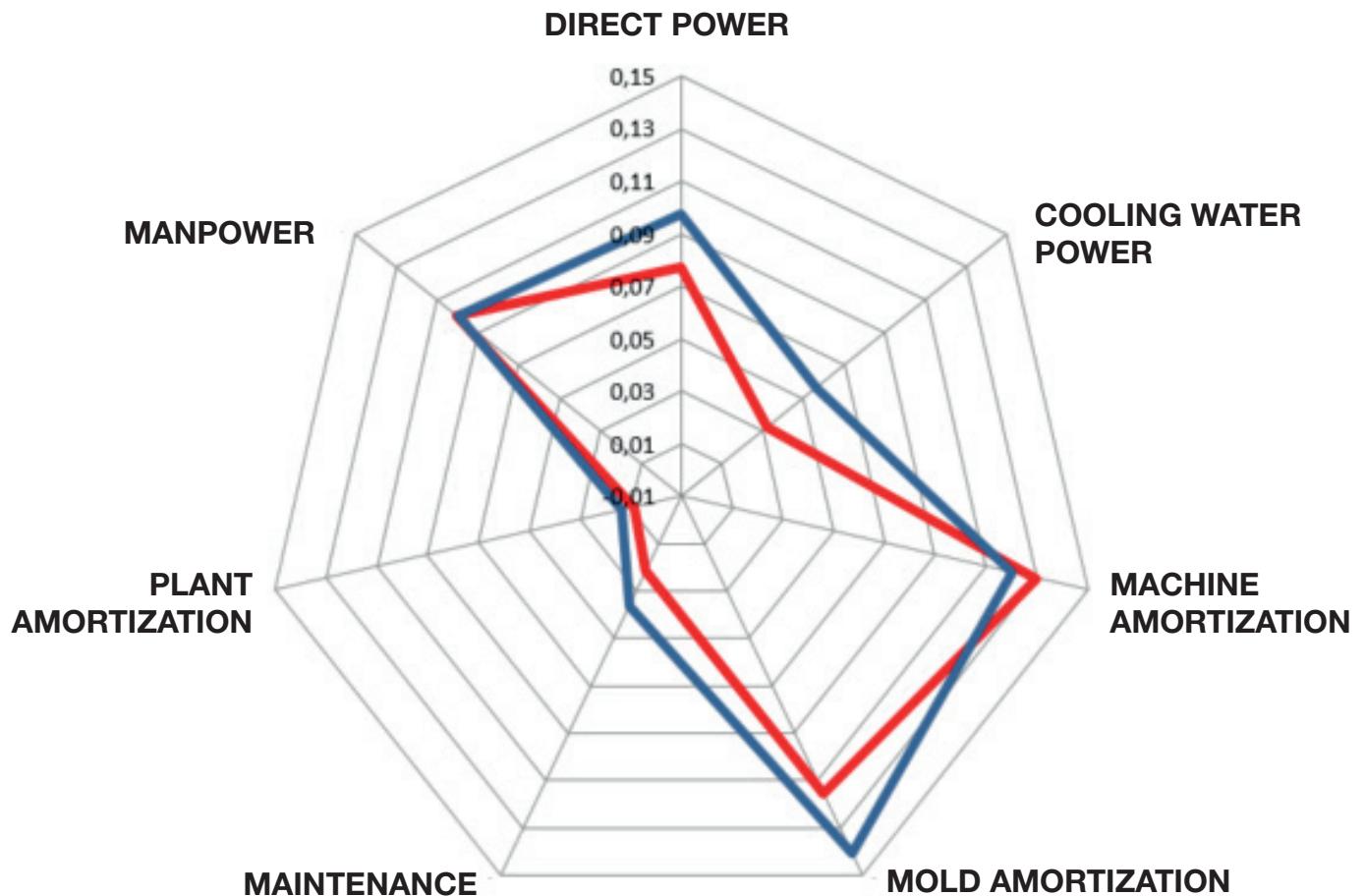
设备维护保养便捷灵活
模具的独立式设计使设备维护保养更灵活。只要备件充足, 设备停机事件将不再发生。由于设备中不再采用热流道, 设备维护保养更简单更快速。

颜色更换快
无需清洗热塑单元, 即可完成颜色转换。

废料少 成本低

New Mould Cooling Concept COOL+

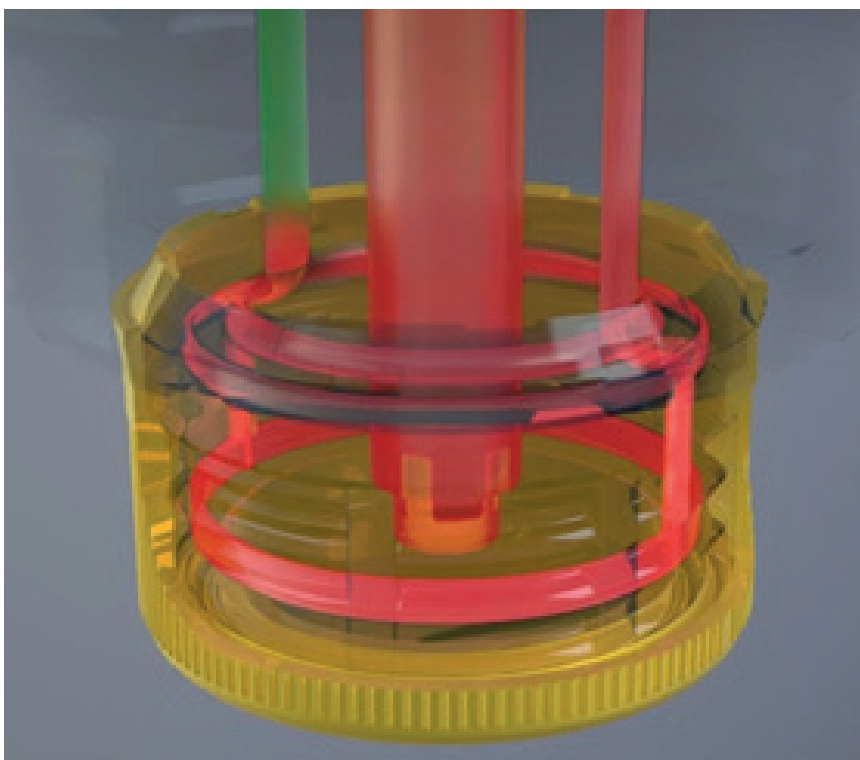
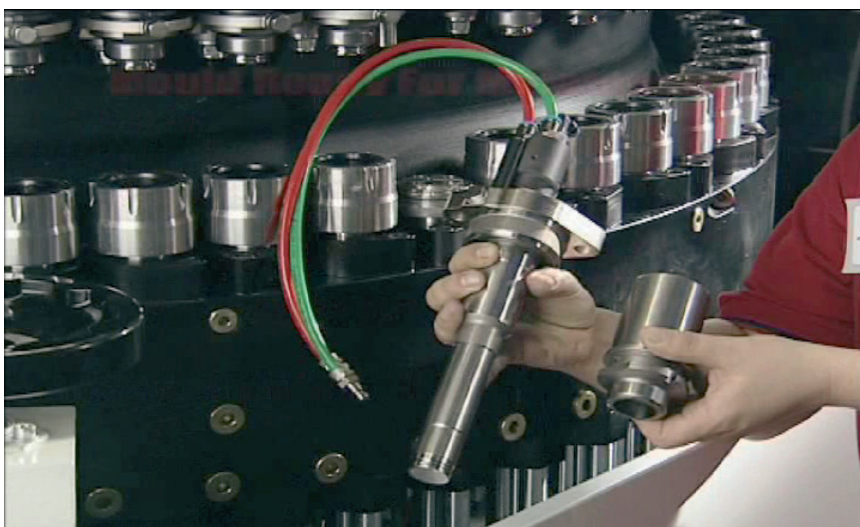
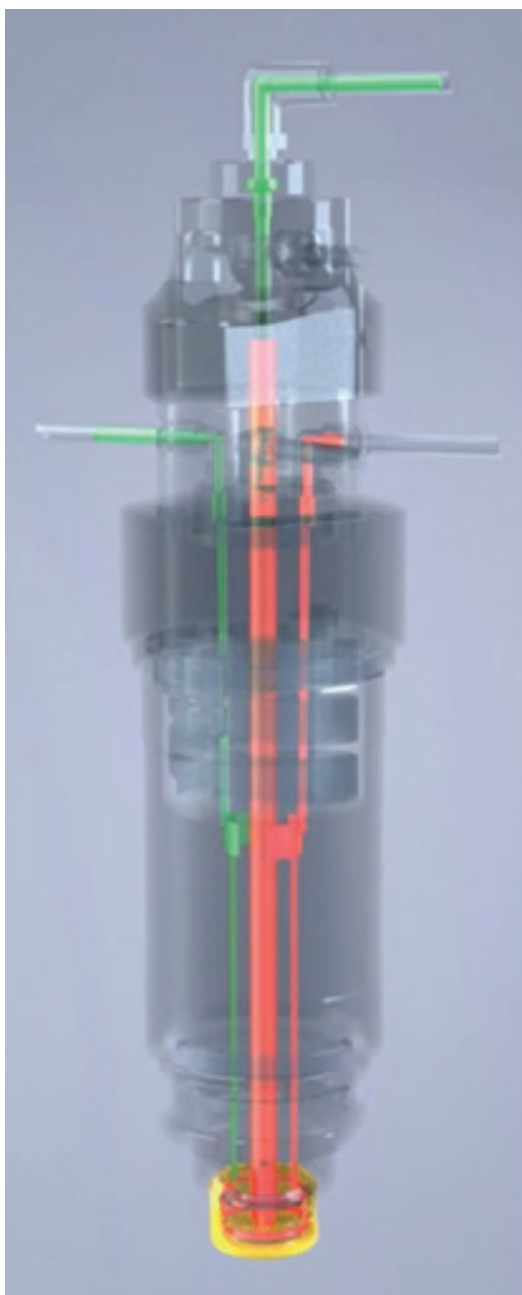
Closures VARIABLE costs breakdown



EN WHAT IS IT? a modified coolant liquid circulation system inside the mould which ensures all parts in contact with the plastic are cooled (both inner and outer punch)

REMARKS: absence of sliding sealings for cooling liquid (as they are not reliable and cause of frictions)
- standard manufacturing processes
- easily removable for cleaning operations

FEATURES: the improved cooling performances can ensure an output increase up to 50% compared to standard molding tools, allowing a quicker return on investment for the complete production line.



FR DE QUOI S'AGIT-IL ? D'un système de circulation modifié du liquide de refroidissement dans le moule, grâce auquel toutes les parties en contact avec le plastique sont refroidies (si bien le poinçon interne qu'externe).

REMARQUES : absence de joints coulissants pour le liquide de refroidissement (car ils ne sont pas fiables et provoquent des frictions)

- Méthode de fabrication standard
- Facile à enlever pour les opérations de nettoyage

CARACTÉRISTIQUES : les performances améliorées sont en mesure de garantir une augmentation de la production jusqu'à 50% par rapport aux dispositifs de moulage standards, ce qui permet un retour sur investissement plus rapide pour la totalité de la ligne de production.

CN 那是什么？全新模具内部冷却液循环系统确保与所有部件接触到的塑料均被冷却，无论是内或外模腔。

备注：冷却液无侧部密封将导致刮擦

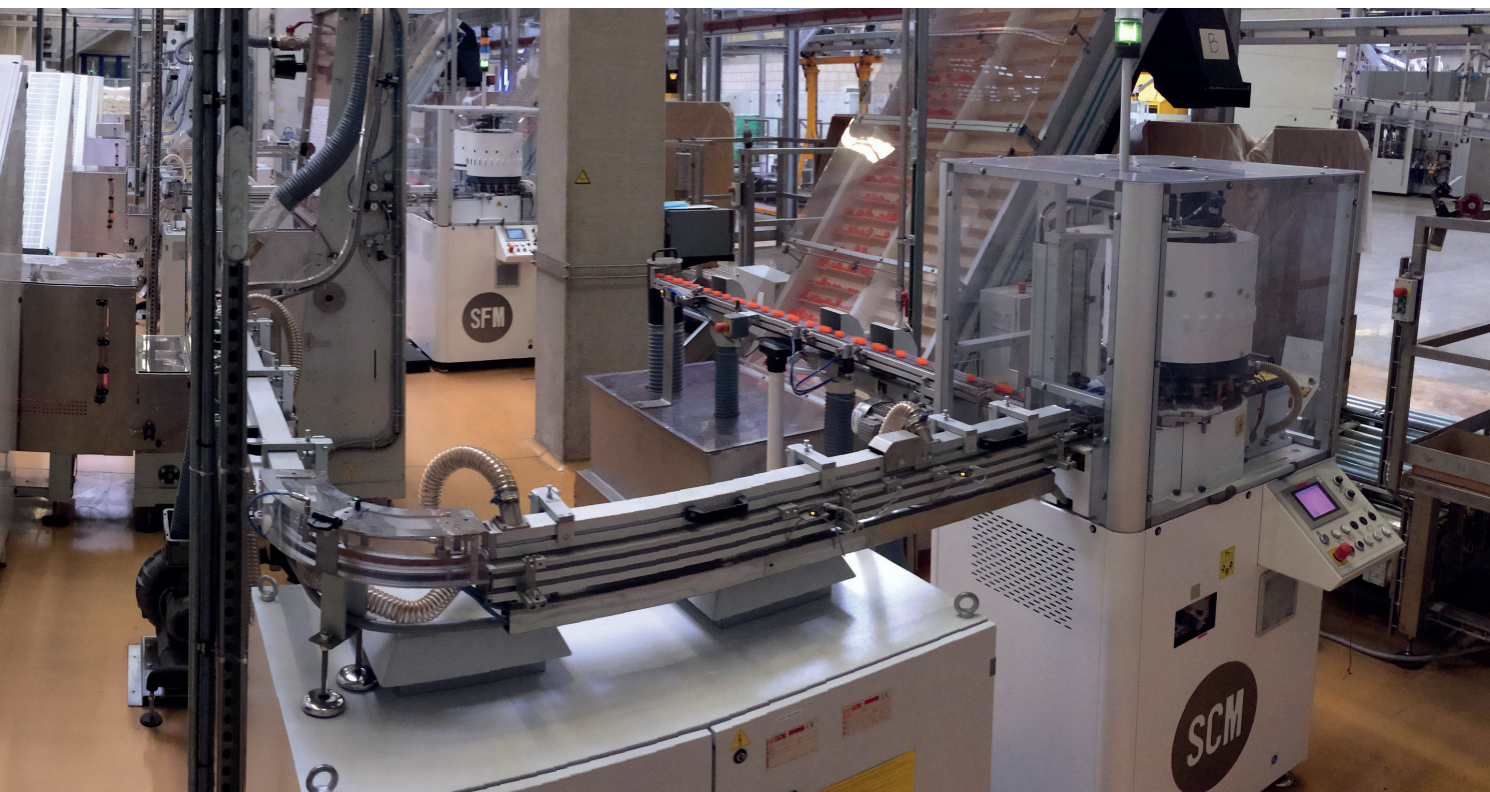
- 标准生产流程
- 清洗方便快捷

特点：与标准模具相比，全新冷却系统提高产量50%，加快投资回报。

CCM Compression Moulding production range

Compression technology over 1.500 presses installed worldwide



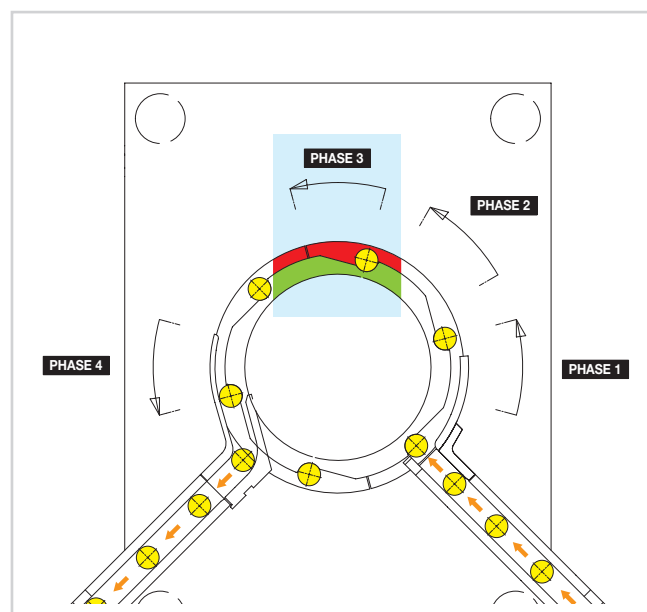
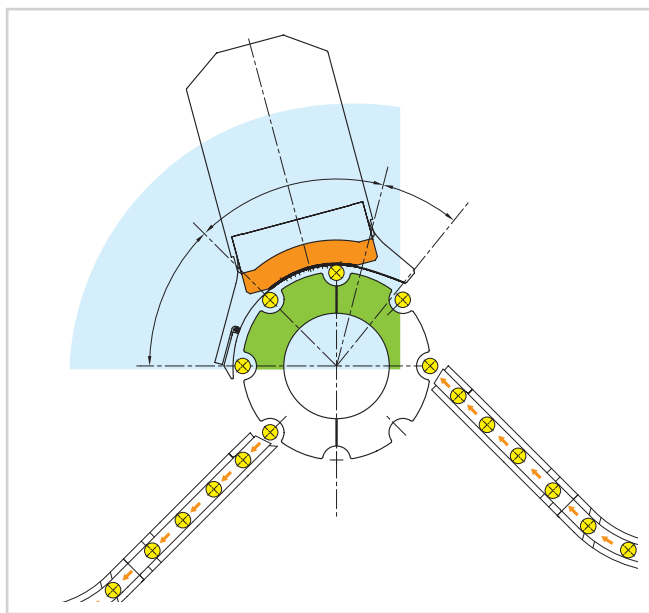


CCM24SB	CCM24SC	CCM32MB	CCM48SC	CCM64MB	CCM80S	CCM24L
RAW MATERIAL						
PP - HDPE - LDPE - PS - PET - PC						
MAX Ø mm						
36	36	52	36	52	36	70
MAX HEIGHT mm						
25	25	25	25	25	25	32.5
MAX WEIGHT g						
6	6	6	6	6	6	15
NUMBER OF CAVITIES						
24	24	32	48	64	80	24
MAX PROD. CAPACITY pcs/minute						
600	1000	1066	2000	1600	2000	450
ELECTRICAL POWER AVERAGE kW/Kg						
0.61	0,4	0.40	0.40	0.50	0.50	0.62
OVERALL DIMENSION mm						
6400x2360	7500X2550	5600x3250	7600x2850	7750x2800	7750x2800	6700x3250
MIN CYCLE TIME s						
2.4	1,44	1.8	1.44	2.4	2.4	3.2

Folding & Slitting of the tamper evident band

Pliage et Découpe de la bande de garantie

防盗环的折边-切割



EN The functional importance of the tamper evident band makes the slitting machine an extremely important piece of machinery.

Closure bridges can be made either directly into the mould during the cap forming phase, or by slitting process in a post moulding stage.

The possibility of changing the slitting configuration (number of bridges, thickness of bridges, etc..) has an impact, amongst others, on flexibility and on bridges breaking force, thus fulfilling end users requirements.

“Flap” or “corrugated” bands in plastic caps help during the capping phase and properly match with the bottle locking ring.

Such bands need a folding process to be performed after the making of the cap.

Sacmi provide machines both for scoring operation (SCM), folding operation (FLM) and also for both operation in a combined, cost-effective step (SFM).

FOLDING SYSTEM	SLITTING SYSTEM		FOLDING & SLITTING SYSTEM
FLM12L	BTV900	SCM12L	SFM12L
SYSTEM			
BAND FOLDING	BAND SLITTING		BAND SLITTING & FOLDING
NOMINAL MAX CAP Ø mm			
63	18-50	63	55
MAX CAP HEIGHT mm			
25	12-60	25	25
WEIGHT Kg			
1300	1250	1500	2000
MAX PRODUCTION CAPACITY pcs/minute			
2400	1400	2400	2400
ELECTRICAL POWER AVERAGE ABSORBED kW 50Hz			
3.5	5	3.5	8
COMPRESSED AIR CONSUMPTION 6 bar l/min			
230	1400	230	230
DIMENSION mm			
4000x3000x2800	1100x1100x1900	4000x3000x2800	4000x3000x2800

FR L'importance fonctionnelle de la bande de garantie fait de la machine à découper une pièce extrêmement importante de l'ensemble des machines.

Les ponts de fermeture peuvent être réalisés si bien dans le moule durant la phase de formation de la capsule que par un procédé de découpage dans la phase qui suit le moulage.

Il est possible de modifier la configuration du découpage (nombre de ponts, épaisseur des ponts, etc.) ce qui a un impact, parmi d'autres, sur la flexibilité et sur la force de rupture des ponts, répondant ainsi aux attentes des utilisateurs finaux.

Les bandes « à ailettes » ou « plissées » des capsules en plastique facilitent la phase de capsulage et correspondent parfaitement à la bague de fermeture de la bouteille.

Ces bandes doivent être soumises à un processus de pliage immédiatement après la réalisation de la capsule.

Sacmi propose des machines si bien pour l'opération de découpage (SCM) que de pliage (FLM) en une seule étape, réduisant ainsi les coûts pour les deux opérations (SFM).

CN 瓶盖业中防盗环的重要性使切环机成为整线中的关键组成部分。

瓶盖与防盗环之间连接桥均可在瓶盖成型或成型后切环阶段生成。

切环参数可根据盖型和客户需要更改，如连接桥数，厚度，断桥拉力等，简单快捷。

瓶盖成型阶段，有助于塑料瓶盖折边防盗环与瓶子止退环位置契合。

瓶盖成型后，进行防盗环折边。

萨克米不仅提供切环机（SCM），折边机（FLM），也提供两种工艺同时进行的切环折边机（SFM）。

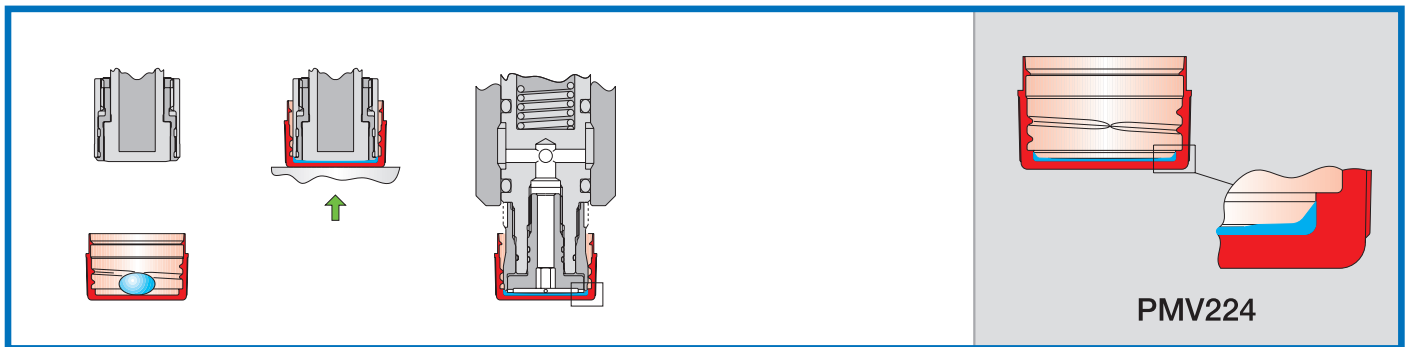
Lining of the plastic cap

Machine à jointer pour bouchons en plastique

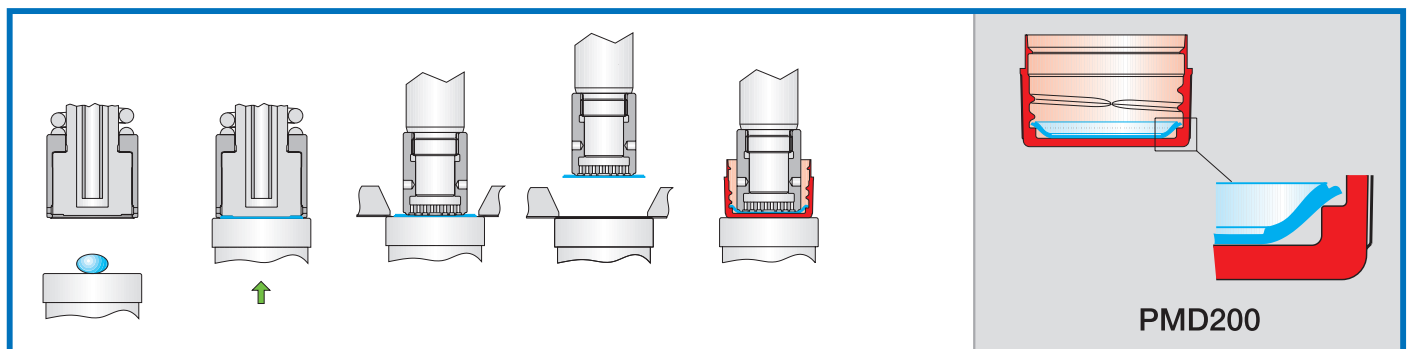
塑料瓶盖的加垫

PMV224	PMV238	PMV230	PPA24L	PMD200	PMD230
VERSION					
IN SHELL			RING-LINING	OUT SHELL	
MAX CAP Ø mm					
22-33	35-43	34-43	38-82	28	28-38
MAX HEIGHT mm					
15-24	15-24	15-24	24	20	24
WEIGHT Kg					
5200	5200	6400	9000	3700	5200
NUMBER OF PUNCH					
24	20	30	24	24	30
MAX PROD. CAPACITY pcs/minute					
1800	800	1200	1000	800	1200
ELECTRICAL POWER AVERAGE kW/Kg					
14	14	22	30	13	21
OVERALL DIMENSION mm					
5250x1600x2100	5210x2800x2530	6790x2250x1990	6300x3900x2750	4200x2600x2530	7050x2350x2070
COMPRESSED AIR CONSUMPTION 6 bar l/min					
2.4	1.8	1.8	1.44	2.4	2.4

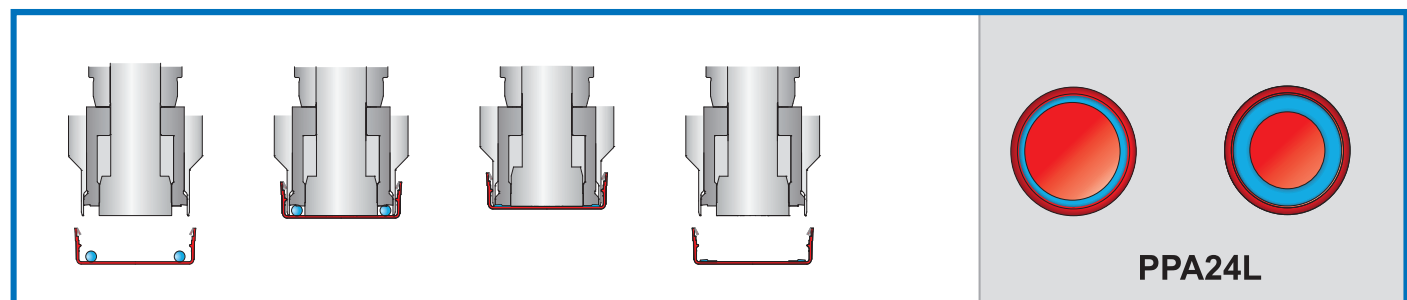
EN In order to ensure proper sealing and retention of CO² levels with highly carbonated beverages we mould a PE/EVA liner into the cap's shell. For that purpose SACMI has developed two distinct and separate technologies, whose name is self-descriptive: in-shell moulding and out-shell moulding.



1. The plastic resin is extruded, a pellet is cut and placed into the cap's shell
2. The plastic pellet is moulded to the desired profile and the liner material bonds to the cap's shell
3. Quality of the moulded liner is checked by means of a vacuum QC system (optional) and/or by means of a Vision QC System.



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1. Plastic pellets are drafted.
2. The plastic pellets are moulded, a gasket is obtained.
3. The quality of the gasket is checked by CVS.

FR Pour garantir une bonne étanchéité et une bonne rétention de CO² pour boisson avec haut niveau de carbonatation, on moule un joint en PE/EVA dans le bouchon.

A ce propos, SACMI a développé deux différentes technologies: «in-shell moulding and out-shell moulding»

CN 为确保碳酸饮料良好的密封和二氧化碳的含量，需在在盖壳内中加入 PE/EVA内垫。为此，萨克米开发了两种独特技术：盖壳内的内垫成型和盖壳外内垫成型。

We are where you are



EN The Sacmi network provides after-sales service through both its production plants in Imola and its worldwide service centres. Our technical assistance services also include diagnostics, provided all over the world via the Teleservice monitoring service that is offered as an option on machinery purchased.



FR Le réseau network Sacmi assure les services d'assistance et d'après-vente par l'intermédiaire de centres d'assistance basés dans le monde entier. Les services d'assistance technique peuvent effectuer des diagnostics dans le monde entier grâce au système de supervision Téléservice, proposé en option avec les machines.

CN 萨克米通过伊莫拉工厂和全球范围内的服务网点为您提供售后服务。我们的技术服务还包括在世界范围内提供远程监控诊断服务（在设备购买时作为备选件）。



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