



a coesia company



PRESS REVIEW

JANUARY – JUNE 2021



PRESS REVIEW

Technology Bag/Pouch Making

Flexible Focus

HFFS Machines Offer Versatility for Coffee Maker



Royal Armenia was the first coffee maker in Armenia to set itself apart from competitors by packaging its coffee in a stand-up format. Helping the company in its efforts were machines from Volpak.



Click image for larger version
Image courtesy Volpak

“The obvious advantages include the greater versatility in the changeover and the higher productivity. It is very important for us, because we produce three types of formats: 100-, 250- and 400-g packages, including both beans and ground coffee, as well as other types of products like pepper, for example,” said Ruben Akopian, vice director and co-owner of Royal Armenia, on Volpak’s solutions.

The machines from Volpak mentioned by Akopian ended up being four in total: two horizontal form-fill-seal machines that produce stand-up pouches, and two vertical machines to produce vertical pouches.

The companies both state that the success of the project has confirmed the relationship between Royal Armenia and Volpak, and it has “consolidated the foundations for the continuation of the partnership.”



Click image to view video

Link: <https://www.flexpackmag.com/articles/90888-hffs-machines-offer-versatility-for-coffee-maker>



ULTIME NOTIZIE Tecnocap e il primo bilancio di sostenibilità

Sostegno all'e-commerce e spinta verso la sostenibilità



La sfida di Volpak per il 2021 è duplice: servire con efficacia il settore dei beni di largo consumo e proseguire con gli investimenti sulla sostenibilità delle proprie soluzioni.

Volpak, parte del gruppo Coesia, è una società basata su solide fondamenta tecnologiche, specializzata nella produzione di macchine orizzontali per la formatura-riempimento-sigillatura di imballaggi pouch.

Nel corso del 2020 non ha mai fermato la produzione, pur adottando strette misure di sicurezza. Nonostante le difficoltà, la crisi non ha avuto un impatto negativo sugli ordini ma, al contrario, ha portato nuove opportunità. **Volpak** opera infatti tradizionalmente nei settori Food and Beverage, Pet Food e Home and Personal Care, che nel corso dell'anno passato hanno sperimentato una crescita considerevole, sia attraverso la distribuzione organizzata sia tramite l'e-commerce (un canale, questo, che secondo dati divulgati da Statista, a livello globale vale quasi 3.000 miliardi di dollari all'anno).

Questi fattori hanno portato a una grande richiesta di macchine e sistemi per il processo e confezionamento. In particolare, nel 2020, Volpak ha registrato oltre 40% di ordini in più rispetto all'anno precedente, chiudendo l'anno con un saldo decisamente positivo.

La flessibilità in risposta a esigenze in costante evoluzione

In questo periodo di crisi, Volpak ha portato avanti un intenso lavoro sotto il profilo commerciale, per consolidare il rapporto con i clienti storici e sviluppare al contempo legami con nuove realtà. Tutto questo si è sposato con la sua tradizionale vocazione tecnologica: da sempre, Volpak punta sulla ricerca e sviluppo e sulla flessibilità delle proprie soluzioni, consentendole di disporre di un portafoglio delle macchine ampio e diversificato, che garantisce la realizzazione di macchine efficaci, sia in termini di tipologie di confezionamento che di performance produttive.



Le sfide per il futuro: sempre più sostenibilità

Il pouch risulta essere una delle tipologie di packaging in forte espansione, con un incremento esponenziale del suo utilizzo sia in settori consolidati - come i prodotti beverage sul mercato USA - sia in nuovi settori e aree geografiche. Questo, pone ovviamente nuove sfide sotto il profilo della sostenibilità, principalmente in relazione ai materiali di incarto, che dovranno essere sempre più evoluti e a ridotto impatto ambientale.

Non si tratta di moda: entro il 31 dicembre 2030, tutte le confezioni di plastica dovranno essere realizzate con materiali riciclabili o compostabili.

Al contempo, la raccolta differenziata e il riciclo dei rifiuti plastici dovranno raggiungere livelli comparabili agli altri materiali per il confezionamento.

Un laboratorio di ricerca a servizio dei clienti (e dell'ambiente)

Per questo, Volpak - unica tra le aziende del suo settore - ha sviluppato il pouch LAB; un luogo all'interno del quale è possibile studiare l'evoluzione e il comportamento di diverse tipologie di materiali di confezionamento, accumulando al contempo preziosi dati, grazie alla realizzazione di cicli continuativi di test, condotti secondo un approccio rigorosamente scientifico. Pouch LAB può, a titolo esemplificativo, coadiuvare il cliente nella scelta e nell'utilizzo di materiali quali il polietilene piuttosto che il polipropilene, consentendogli di effettuare "prove sul campo" con diverse tipologie di prodotti all'interno di un ambiente protetto. Al contempo, Pouch Lab può aiutare a sviluppare soluzioni per incrementare l'efficienza e la resa strutturale del pouch, adottando specifici accorgimenti in base alla tipologia e alla forma della confezione, rendendo sempre più pratici e resistenti i sistemi di chiusura.

Link: <https://packmedia.network/it/Volpak-form-fill-seal-imballaggi-pouch-ecommerce-sostenibilita>



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Pouches flexible packaging supporting eCommerce and sustainability

A global leader in machines for flexible packaging and part of the Coesia group, Volpak ends 2020 having secured – even among short-term difficulties – the full confidence of the market in its systems and solutions. The 2021 challenge is twofold: to continue serving the consumer market effectively and to keep investing the sustainability of its solutions.

An effective crisis response: new opportunities in Food and Beverage, Pet Food, Home and Personal Care

While adopting strict safety measures, Volpak has never halted its production throughout 2020. Despite the challenges, the crisis has had no impact on the orders. On the contrary, it has opened new opportunities. Typically, Volpak's business is focused on industries such as Food and Beverage, Pet Food and Home and Personal Care, which, during the last year, have seen a considerable growth, both in the retail channel and thanks to e-commerce.



Volpak has developed an industry-first laboratory, the Pouch LAB, a place where engineers can study the evolution and the behavior of different types of wrapping material. (photo: Volpak)

This specific channel, according to data reported by Statista, is worth almost 3,000 billion dollars per year globally. In combination with the retail industry, which has seen largely been stable, this has led to a high demand of processing and packaging machines and systems. In 2020, Volpak has registered an increase of its orders of more than 40% compared to the previous year, and has closed the year with great results.



The Pouch Evolution, the Volpak's concept.
(video: Volpak)

Flexibility for constantly evolving needs on packaging and production needs



Volpak SC+ machine is a continuous movement horizontal form fill seal unit. (photo: Volpak)

In this time of crisis the company has also worked hard from a sales perspective in order to consolidate its relationships with its long-standing customers while developing partnerships with new businesses, all of this in combination with the traditional technological focus of the business. Volpak has always invested in

Link: <https://www.industrialmeeting.club/pouches-flexible-packaging-supporting-ecommerce-and-sustainability/>



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The machine portfolio is wide and diversified, helping the company effectively serve different needs, both in terms of **packaging type and production performance**. This has allowed Volpak to successfully meet a market demand that, especially right now, is constantly evolving.

The challenge of the future is increasing sustainability: Pouches flexible packaging the fastest growing packaging

Pouches flexible packaging are the fastest growing packaging type, and an exponential increase of their use is estimated both in established markets – such as beverage products for the USA – and in new industries and regions. This poses new challenges to sustainability, especially for the wrapping material, which will have to be more and more evolved and low impact. This isn't just a passing trend: by December 31, 2030 all plastic packaging will have to be made out of recyclable or compostable material. At the same time, the separate collection and the recycling of plastic waste will have to reach levels on par with other packaging material.

The Pouch LAB, research laboratory for clients (and the environment)

For this reason, Volpak has developed an industry-first laboratory, the **Pouch LAB**, a place where engineers can study the evolution and the behavior of **different types of wrapping material**, while also gathering precious data, thanks to ongoing cycles of tests, carried out on the basis of a rigorously scientific approach for Pouches flexible packaging. Pouch LAB can, for instance, **help clients in choosing and using materials such as polyethylene and polypropylene**, allowing them to carry out field testing with different types of products within a



Volpak's business is focused on industries such as Food and Beverage, Pet Food and Home and Personal Care. Detail of a Pouch machine. (photo: Volpak)

protected environment. At the same time, Pouch LAB can help develop solutions that increase the efficiency and **structural integrity of the pouch by adopting specific components** based on the type and the shape of the packaging, making the locking systems increasingly more practical and resistant.

Volpak's machines: the continued growth of Enflex solutions and the success of SC+

SC+, a continuous movement horizontal form fill seal unit which represents the crowning jewel of Volpak's portfolio, has solidified its market position in the last year. Developed by Volpak's engineering team with the help of Coesia's R&D department, **SC+ is a leader in performance and flexibility**, and is suited to several industries: **from Dairy to Confectionery, from Pet food to Chemicals**, especially for the high end needs of the market.



The machine portfolio of Volpak is wide and diversified, helping the company effectively serve different needs, both in terms of packaging type and production performance. (photo: Volpak)

At the same time, the company has strengthened its portfolio of solutions and has expanded the platform of the machines installed around the world. **The Enflex range** has been extremely well received: this brand focuses on low speeds and is aimed at customers with a lower volume production, but that still require features such as reliability and durability.

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Supporting e-commerce and pushing for sustainability



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Link: <https://packagingeurope.com/supporting-e-commerce-and-pushing-for-sustainability/>



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Volpak in 2021: supporting e-commerce and pushing for sustainability

🕒 18 February 2021 📁 Machinery

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For more information go to www.volpak.com

🏷️ Tags: Machinery, Volpak

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Packaging flessibile ecosostenibile: col Pouch LAB prove sul campo e soluzioni

Produttore internazionale di macchine per il packaging flessibile sempre più ecosostenibile, Volpak, parte del gruppo Coesia, saluta un 2020 che, pur tra le difficoltà contingenti, ha confermato la piena fiducia del mercato nelle soluzioni sviluppate dall'azienda spagnola. La sfida per il 2021 è duplice: continuare a servire efficacemente il settore dei beni di largo consumo, continuando ad investire sulla sostenibilità delle proprie soluzioni.



The Pouch Evolution, the Volpak's concept.
(video: Volpak)

Risposte efficaci all'emergenza: forte crescita grazie alla distribuzione organizzata e all'eCommerce

Nel corso del 2020 Volpak ha sempre mantenuto attiva la produzione, adottando però strette misure di sicurezza. Nonostante le difficoltà, la crisi non è andata ad impattare sugli ordini ma, al contrario, ha portato nuove opportunità. Volpak è infatti tradizionalmente legata a settori quali Food and Beverage, Pet Food e Home and Personal Care, che nel corso dell'anno passato hanno sperimentato una crescita considerevole, sia nel canale della distribuzione organizzata che grazie all'e-commerce e con soluzioni che si basano sul packaging flessibile ecosostenibile.



Volpak ha sviluppato un primo laboratorio del settore, il Pouch LAB, un luogo in cui gli ingegneri possono studiare l'evoluzione e il comportamento di diversi tipi di materiale da imballaggio. (foto: Volpak)

Questo specifico canale, secondo i dati divulgati da Statista, in ambito globale vale quasi 3.000 miliardi di dollari all'anno. Questo, assieme alla tenuta del comparto legato alla grande distribuzione, ha portato ad una grande richiesta di macchine e sistemi per il processo e confezionamento. Nel 2020, Volpak ha avuto più del 40% di ordini in più rispetto all'anno precedente, ed ha chiuso l'anno con un saldo decisamente positivo.

Packaging flessibile ecosostenibile in risposta ad esigenze di mercato in costante evoluzione



La macchina Volpak SC+ è un'unità di riempimento e sigillatura continua orizzontale a movimento continuo per il packaging flessibile. (foto: Volpak)

Il periodo di crisi ha visto inoltre un grande lavoro sotto il profilo commerciale, per consolidare il rapporto con i clienti storici e sviluppare al contempo legami con nuove realtà. Tutto questo si è sposato con la tradizionale vocazione tecnologica dell'azienda. Da sempre, Volpak punta sulla ricerca e sviluppo e sulla flessibilità delle proprie soluzioni. Il portafoglio delle macchine è ampio e diversificato, offrendo la possibilità di servire efficacemente varie esigenze, sia in termini di tipologie di confezionamento che di performance produttive. Tutto questo ha consentito di fornire risposte efficaci alle richieste del mercato che, soprattutto in un momento come questo, sono in costante evoluzione.

Le sfide per il futuro: sempre più sostenibilità nei materiali a ridotto impatto ambientale

Il pouch risulta essere una delle tipologie di packaging flessibile ecosostenibile in maggiore espansione, ed è quindi previsto un incremento esponenziale del suo utilizzo sia in mercati consolidati, per esempio quello dei prodotti beverage per il mercato USA, che in nuovi settori e aree geografiche. Questo, pone ovviamente nuove sfide sotto il profilo della sostenibilità, principalmente in relazione ai materiali di incarto, che dovranno essere sempre più evoluti e a ridotto impatto. Non si tratta di moda: entro il 31 dicembre 2030, tutte le confezioni di plastica dovranno essere fatte con materiali riciclabili o compostabili. Al contempo, la raccolta differenziata e il riciclo dei rifiuti in plastica dovranno raggiungere livelli comparabili agli altri materiali per il confezionamento.



L'attività di Volpak si concentra su settori quali alimenti e bevande, alimenti per animali domestici e cura della casa e della persona. Particolare di una macchina per il packaging flessibile in sacchetti (pouches). (foto: Volpak)

Un laboratorio di ricerca a servizio dei clienti (e dell'ambiente): il Pouch LAB



La macchina SC+ è un'unità orizzontale per il riempimento e sigillatura di packaging flessibile a movimento continuo. (foto: Volpak)

Per questo, Volpak – unica tra le aziende del suo settore – ha sviluppato il Pouch LAB: un luogo all'interno del quale è possibile studiare l'evoluzione e il comportamento di diverse tipologie di materiali d'incarto, accumulando al contempo preziosi dati, grazie alla realizzazione di cicli continuativi di test, condotti secondo un approccio rigorosamente scientifico. Il Pouch Lab può, a titolo esemplificativo, coadiuvare il cliente nella scelta e nell'utilizzo di materiali quali il polietilene piuttosto che il polipropilene, consentendogli di effettuare "prove sul campo" con diverse tipologie di prodotti all'interno di un ambiente protetto.

Link: <https://it.industrialmeeting.club/packaging-flessibile-ecosostenibile-col-pouch-lab-prove-sul-campo/>



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Volpak in 2021: supporting e-commerce and pushing for sustainability

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VOLPAK: Facts and figures

Volpak, part of Coesia Group, is a company built on robust technological foundations, specialized in horizontal form-fill-seal solutions for the pouch-type packaging industry. Founded in 1979, Volpak was acquired by Coesia in 1996, subsequently benefiting from the solidity and expertise of what is now one of the biggest and technologically advanced groups in the world. In 2001, Volpak acquired Enflex, a company specialized in the design of entry-level horizontal pouching machines, thus expanding its product portfolio. Today, the Volpak and Enflex brands offer the market a wide range of automatic pouching machines able to form, fill and seal pouches of all sorts of type and size, for a whole variety of industries, operating at low-, medium- or high-speed. The company can count on the expertise of more than 300 employees mainly based in the Barcelona headquarters, consisting of a facility of 12.000 square meters, where products are designed, manufactured and marketed. The company has a second production

Link: <https://www.packagingworldinsights.com/news/volpak-in-2021-supporting-e-commerce-and-pushing-for-sustainability/>



Supporting e-commerce and pushing for sustainability



The Volpak's 2021 challenge is twofold: to continue serving the consumer market effectively and to keep investing the sustainability of its solutions.

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Volpak's machines: the continued growth of Enflex solutions and the success of SC+

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Link: <https://packmedia.network/en/content/Volpak-pouch-form-fill-seal-ecommerce-sustainability>



Feb
2021

PRESS REVIEW

Sostenibilità e sostegno all'e-commerce nel 2021 di Volpak

Attiva a livello mondiale nell'ambito delle macchine per il packaging flessibile, Volpak, parte del gruppo Coesia, saluta un 2020 che, pur tra le difficoltà contingenti, ha confermato la piena fiducia del mercato nelle soluzioni sviluppate dall'azienda spagnola. La sfida per il 2021 è duplice: continuare a servire efficacemente il settore dei beni di largo consumo, continuando ad investire sulla sostenibilità delle proprie soluzioni.

Nel corso del 2020 Volpak ha sempre mantenuto attiva la produzione, adottando però strette misure di sicurezza. Nonostante le difficoltà, la crisi non è andata ad impattare sugli ordini ma, al contrario, ha portato nuove opportunità. Volpak è infatti tradizionalmente legata a settori quali Food and Beverage, Pet Food e Home and Personal Care, che nel corso dell'anno passato hanno sperimentato una crescita considerevole, sia nel canale della distribuzione organizzata che grazie all'e-commerce. Questo specifico canale, secondo i dati divulgati da Statista, in ambito globale vale quasi 3.000 miliardi di dollari all'anno. Questo, assieme alla tenuta del comparto legato alla grande distribuzione, ha portato ad una grande richiesta di macchine e sistemi per il processo e confezionamento. Nel 2020, Volpak ha avuto più del 40% di ordini in più rispetto all'anno precedente, ed ha chiuso l'anno con un saldo decisamente positivo.



La flessibilità in risposta ad esigenze in costante evoluzione

Il periodo di crisi ha visto inoltre un grande lavoro sotto il profilo commerciale, per consolidare il rapporto con i clienti storici e sviluppare al contempo legami con nuove realtà. Tutto questo si è sposato con la tradizionale vocazione tecnologica dell'azienda. Da sempre, Volpak punta sulla ricerca e sviluppo e sulla flessibilità delle proprie soluzioni. Il portafoglio delle macchine è ampio e diversificato, offrendo la possibilità di servire efficacemente varie esigenze, sia in termini di tipologie di confezionamento che di performance produttive. Tutto questo ha consentito di fornire risposte efficaci alle richieste del mercato che, soprattutto in un momento come questo, sono in costante evoluzione.

Le sfide per il futuro: sempre più sostenibilità

Il pouch risulta essere una delle tipologie di packaging in maggiore espansione, ed è quindi previsto un incremento esponenziale del suo utilizzo sia in mercati consolidati, per esempio quello dei prodotti beverage per il mercato USA, che in nuovi settori e aree geografiche. Questo, pone ovviamente nuove sfide sotto il profilo della sostenibilità, principalmente in relazione ai materiali di incarto, che dovranno essere sempre più evoluti e a ridotto impatto. Non si tratta di moda: entro il 31 dicembre 2030, tutte le confezioni di plastica dovranno essere fatte con materiali riciclabili o compostabili. Al contempo, la raccolta differenziata e il riciclo dei rifiuti in plastica dovranno raggiungere livelli comparabili agli altri materiali per il confezionamento.

Un laboratorio di ricerca a servizio dei clienti (e dell'ambiente)

Per questo, Volpak – unica tra le aziende del suo settore – ha sviluppato il pouch LAB; un luogo all'interno del quale è possibile studiare l'evoluzione e il comportamento di diverse tipologie di materiali d'incarto, accumulando al contempo preziosi dati, grazie alla realizzazione di cicli continuativi di test, condotti secondo un approccio rigorosamente scientifico. Pouch Lab può, a titolo esemplificativo, coadiuvare il cliente nella scelta e nell'utilizzo di materiali quali il polietilene piuttosto che il polipropilene, consentendogli di effettuare "prove sul campo" con diverse tipologie di prodotti all'interno di un ambiente protetto. Al contempo, Pouch Lab può aiutare a sviluppare soluzioni per incrementare l'efficienza e la resa strutturale del pouch, adottando specifici accorgimenti in base alla tipologia e alla forma della confezione, rendendo sempre più pratici e resistenti i sistemi di chiusura.

Le macchine: la conferma delle soluzioni Enflex e il successo di SC+

L'anno appena concluso ha inoltre rappresentato il consolidamento per SC+; una unità horizontal form fill seal a movimento continuo che rappresenta la punta di diamante del portafoglio Volpak. Nata in seno all'engineering Volpak col supporto del comparto R&D Coesia, SC+ si pone ai vertici in quanto a performance e flessibilità, offrendosi a numerosi settori merceologici differenti: dal Dairy al Confectionery, passando il Pet food e il Chimico, andando a coprire le esigenze della fascia alta di mercato. Al contempo, l'azienda ha consolidato il proprio portafoglio di soluzioni ed ampliato la piattaforma delle macchine installate nel mondo. È stata particolarmente apprezzata la gamma Enflex, brand dedicato alla bassa velocità pensato per coloro che esprimono esigenze produttive basate su volumi più ridotti, ma che non vogliono rinunciare a caratteristiche quali robustezza e affidabilità.

Gallery



Link: <https://packagingspace.net/it/news/sostenibilita-e-sostegno-alle-commerce-nel-2021-di-volpak>



INTERNATIONAL-DAIRY.COM

April
2021

PRESS REVIEW



PouchLab turns two

Date: 13.04.2021

Source: Volpak/PouchLab

PouchLab is the R&D Excellence Centre set up by Volpak in 2019 to support customers and partners in optimising their flexible packaging solutions. In the past two years, this area has been a hub for different companies in developing sustainable pouch solutions, combining knowledge and experience in machine and materials. Several machines are currently producing recyclable pouches (paper, mono-material) using Volpak equipment and the company aims to raise this number more and more.

Volpak, a Coesia company, in the past years has put strong efforts in developing solutions complying with the upcoming worldwide regulations, which aim to reduce the waste and the carbon footprint of packaging processes. This was possible also thanks to the support of the 'Coesia Centre of Expertise Sustainability', which was set up to centralise data gathering, support green strategy setting and accelerate existing initiatives across Coesia companies, such as the creation of the PouchLab. The Lab has been fully operational since June 2019 and has proved to be a key asset in partnering with key customers and suppliers to co-develop new packaging solutions.

The laboratory is located in a special area within Volpak premises, which ensures maximum confidentiality and dedicated closed boxes for material storage. The area hosts a state of the art pouch-forming machine, based on HFFS technology, and complete testing equipment, which customers can rent and use at their discretion to analyse their material, make pouches and test their quality. All takes place in a controlled environment, which also relies on Volpak's technical expertise, since the company further supports users thanks to its long-standing experience and unique know-how in pouch processing and machinability of packaging materials.

During the last two years, there has been a general improvement of tested products; films are becoming much better, showing a positive evolution of their physical properties and better functioning on the machines. This is due to a substantial improvement in the processes adopted by suppliers and converters already with full PE film that behave very well in terms of sealability, mechanical properties, and spout application. Today, beside Paper structures, the industry is heading towards Full-PE and Full-PP films. Future challenge will be to enhance their performance and barrier properties.

Regarding sustainability and full Paper materials, PouchLab also played a primary role in developing the sealing process for a full paper recyclable stand up pouch we can now find in the market place currently produced on Volpak equipment. For more visit [volpak.com](https://www.volpak.com)

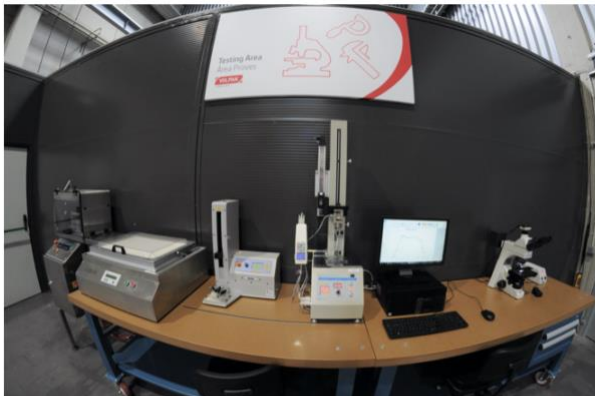
David Cox / IDM

Link: <https://www.international-dairy.com/news/home/pouchlab-turns-two/>



Apr
2021

PRESS REVIEW



PouchLab: where is it and how can it be used?

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Inside the PouchLab: how is it made?

The pouch-forming equipment provided by PouchLab, namely a new generation HFFS machine, serves for both flat and stand up pouches. Customers can control and monitor seal temperature, seal pressure and seal time, while also supervising film tension and monitoring film elongation throughout the whole machine process. Other tools provided by this area include an electrostatic charge measure tool, which can measure any material with utmost accuracy and calculate its electrostatic charge, a stress test machine, to obtain clear, accurate and manageable information about pouch stress resistance, a high speed camera to investigate the root cause of any issue, and a powerful microscope to analyze seal quality. A 3d printer is also used for rapid prototyping the parts to be tested.

The first two years of PouchLab: trends and achieved results

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The challenges

Many challenges still need to be addressed between all stakeholders in the pouching industry in their path towards a complete offering of sustainable solutions in all market segments and applications, but thanks to the research and technological centers like PouchLab, still the industry is well in advance the existing infrastructures of recyclable streams, and the consumer compromise and behavior for a sustainable world.

For more information go to www.volpak.com.

PouchLab Turns Two: Results and Future Goals

12 April 2021 Recyclability

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How to design a waste-free future together with customers

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PouchLab: who is it for?

PouchLab is dedicated to brand owners who need to set standards for their packaging, aiming to optimize the package size, need to consider downgauging packaging or aim to explore new materials for their products. The Lab is also meant for those industry players who need to compare the behavior of different structures, test machinability, double check the performance of their film, develop new sustainable solutions or new re-closable features for flexible packaging. The structure is a strong asset not just for Volpak customers, but also for manufacturers of film converters, caps and zippers, technological centers and raw material suppliers, who could take advantage from the numerous/variety of possibilities that are offered by the lab.

Link: <https://spnews.com/pouchlab-turns-two-results-and-future-goals/>



IndustrialMeeting
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PouchLab Volpak turns two: results and future goals for flexible packaging

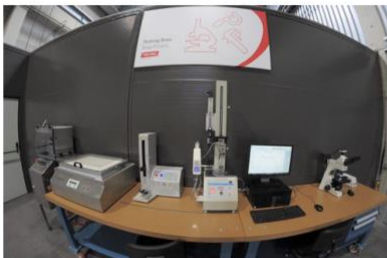
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The Pouch evolution.
(video: Volpak)

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The pouch-forming equipment provided by PouchLab serves for both flat and stand up pouches. (photo: Volpak)

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The PouchLab Volpak has been fully operational since June 2019. (photo: Volpak)

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Link: <https://www.industrialmeeting.club/pouchlab-volpak-turns-two-results-and-future-goals-%20for-flexible-packaging/>



a coesia company

IndustrialMeeting

Food and Beverage Technology

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PRESS REVIEW

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VOLPAK: Facts and figures

Volpak, part of Coesia Group, is a company built on robust technological foundations, specialized in horizontal form-fill-seal solutions for the pouch-type packaging industry. Founded in 1979, Volpak was acquired by Coesia in 1996, subsequently benefiting from the solidity and expertise of what is now one of the biggest and technologically advanced groups in the world. In 2001, Volpak acquired Enflex, a company specialized in the design of entry-level horizontal pouching machines, thus expanding its product portfolio. Today, the Volpak and Enflex brands offer the market a wide range of automatic pouching machines able to form, fill and seal pouches of all sorts of type and size, for a whole variety of industries, operating at low-, medium- or high-speed.



Volpak, a Coesia company, in the past years has put strong efforts in developing solutions to reduce the waste and the carbon footprint of packaging processes. (photo: Volpak)

The company can count on the expertise of more than 300 employees mainly based in the Barcelona headquarters, consisting of a facility of 12.000 square meters, where products are designed, manufactured and marketed. The company has a second production plant in Pune, India, and through its extensive sales network of representatives and agents is present in over 130 countries around the world.

More info about:

[Volpak](#)

[European news](#)

[Packaging](#)

[Materials](#)

Link: <https://www.industrialmeeting.club/pouchlab-volpak-turns-two-results-and-future-goals-%20for-flexible-packaging/>



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PRESS REVIEW



POUCLAB COMPIE DUE ANNI: RISULTATI E PROSPETTIVE

Nel Centro di eccellenza nato a giugno 2019, Volpak (azienda di Coesia) supporta clienti e partner nello sviluppo di nuove soluzioni sostenibili di packaging flessibile.

Nato grazie al supporto del Coesia Centre of Expertise Sustainability (che centralizza la raccolta e la diffusione di dati e progetti finalizzati a supportare le strategie green delle varie aziende del gruppo), da due anni a questa parte il PouchLab di Volpak è il luogo

dove si concentrano le sue competenze su materiali e automazione ma è soprattutto uno spazio messo a disposizione di clienti e fornitori per sviluppare pouch riciclabili o a basso impatto ambientale. Macchine e strumentazioni di eccellenza sono dunque al servizio di quanti

vogliono migliorare gli standard di qualità e sostenibilità dei propri packaging, per esempio ottimizzandone le dimensioni o testando l'impiego di materiali alternativi (diverse tipologie di film, a base carta o monomateriali). Ma oltre a mettere alla prova le performance di diverse tipologie di film, vi si possono sviluppare nuovi sistemi di chiusura e riapertura applicati ai pouch.

In pratica, a due anni dalla fondazione, la struttura rappresenta un punto di riferimento non soltanto per i clienti di Volpak, ma anche per i converter, i produttori di tappi e cerniere, i fornitori di materiali vergini e i centri tecnologici.

UN LUOGO PROTETTO DOVE FARE RICERCA

Il laboratorio è collocato in un'area dedicata dell'headquarters Volpak, così da garantire massima riservatezza e la disponibilità di contenitori dedicati allo stoccaggio dei materiali. Le attività di ricerca e sviluppo avvengono dunque in un am-

PouchLab turns two: results and future goals

In the Center of Excellence born in June 2019, Volpak (a Coesia company) supports customers and partners in the development of new sustainable flexible packaging solutions.

Created thanks to the support of the Coesia Centre of Expertise Sustainability (which centralizes the collection and dissemination of data and projects aimed at supporting the green strategies of the various companies in the group), for the past two years Volpak's PouchLab has been the place where its expertise on materials and automation is concentrated, but it is above all a space made available to customers and suppliers to develop recyclable or low

environmental impact pouches. Machines and instruments of excellence are therefore at the service of brand owners who need to set standards for their packaging, aiming to optimize the package size, need to consider downgauging packaging or aim to explore new materials for their products. The Lab is also meant for those industry players who need to compare the behavior of different structures, test machinability, double check the

performance of their film, develop new sustainable solutions or new re-closable features for flexible packaging. Two years after its foundation the structure is a strong asset not just for Volpak customers, but also for manufacturers of film converters, caps and zippers, technological centers and raw material suppliers.

A PROTECTED PLACE FOR RESEARCH

The laboratory is located in a special area within Volpak premises, which ensures maximum confidentiality and dedicated closed boxes for material storage. All takes place in a controlled environment, which also relies on Volpak's technical expertise.

The pouch-forming equipment provided by PouchLab, namely a new generation HFFS machine, serves for both flat and stand up pouches. Customers can

control and monitor seal temperature, seal pressure and seal time, while also supervising film tension and monitoring film elongation throughout the whole machine process.

About the characteristics of the materials tested in the Lab, films are becoming much better, showing a positive evolution of their physical properties and better functioning on the machines. This is due to a substantial improvement in the processes adopted by suppliers and converters already with full PE film that behave very well in terms of sealability, mechanical properties, and spout application. Today, beside Paper structures, the industry is heading towards Full-PE and Full-PP films. Future challenge will be to enhance their performance and barrier properties. PouchLab also played a primary role in developing the sealing process for a full



VOLPAK

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PRESS REVIEW



[INDUSTRY & MANAGEMENT]

biente controllato, sotto la supervisione dello staff tecnico di Volpak. Cuore tecnologico di PouchLab è una macchina HFFS in grado di formare e riempire pouch, sia nella tipologia "flat" che "stand up". Gli utilizzatori possono controllare e monitorare parametri quali temperatura, pressione e tempo di saldatura, supervisionando al contempo, durante tutto il processo, il comportamento dei materiali in termini di tensione e allungamento. Riguardo alle caratteristiche dei materiali testati nel Lab, si evidenzia un generale miglioramento in termini di barriera, saldabilità e resistenza meccanica per quan-

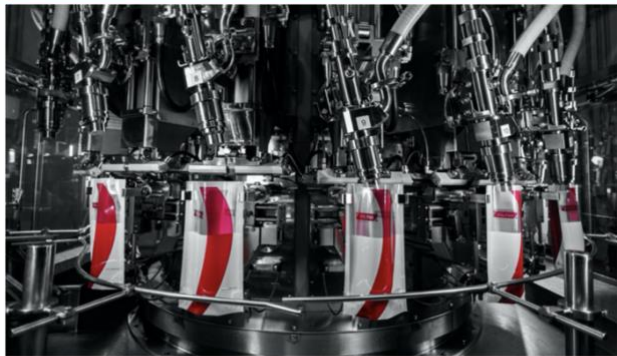
to attiene, per esempio, al PE che assicura quindi maggiore flessibilità nella scelta dei sistemi di tappatura. Il PouchLab gioca e giocherà un ruolo significativo anche nello sviluppo di sistemi di saldatura per stand up pouch prodotti con carta riciclabile, peraltro già disponibili sul mercato e realizzati con macchine Volpak. Tra gli altri strumenti a disposizione dei clienti, un misuratore di carica elettrostatica, una macchina per il controllo dello stress meccanico, una fotocamera ad alta velocità e un potente microscopio, nonché una stampante 3D per la prototipazione rapida.

paper recyclable stand up pouch we can now find in the market place currently produced on Volpak equipment. Other tools provided by this area include an electrostatic charge measure tool, which can measure any material with utmost accuracy and calculate its electrostatic charge, a stress test machine, to obtain clear, accurate and manageable information about pouch stress resistance, a high speed camera to investigate the root cause of any issue, and a powerful microscope to analyze seal quality. A 3d printer is also used for rapid prototyping the parts to be tested.



Jun
2021

PRESS REVIEW



Volpak develops an evolution of the SC+ machine for preformed pouches

© 1 June 2021 □ Machinery

Volpak, a Coesia company specialized in the manufacturing of HFFS machines for consumer goods, continues the evolution of its flagship "SC+"; a continuous movement machine that boasts superior performance.

The latest version of the machine has been designed for preformed pouches and features a high level of automation, ensuring the production of the best quality packaging. It's been designed mainly for the Asian market and it's employable by different industries, from Home to Personal Care to Food, both for solid and liquid products.

Quality as a driver

Precision and an extremely high level of automation. These were the core concepts for the development of SC+, a continuous movement machine that is Volpak's flagship unit. Introduced for the first time three years ago, SC+ has seen ongoing refinement and improvement efforts and is now available in different versions, to meet the needs of an increasingly more diverse market. The latest SC+ version has been developed for the filling and packaging of preformed pouches. In this version, the machine has an extremely compact layout that allows its use in small spaces. Moreover, the high level of automation and the precision of its mechanical mechanisms guarantee the production of extremely high-quality pouches, completely imperfection-free.

Perfect for the Home and Personal Care markets and beyond

For its characteristics, this version of the SC+ is especially suited to the Asian market, where the quality of the packaging, in industries such as makeup and personal care, is extremely important. In countries such as Japan, the quality of the

pouches containing products such as makeup, lotions and shampoo is as important as the product itself. The SC+, however, is flexible enough to allow its use in other industries as well, regardless of the density and foaming properties of the product. This means that the SC+ is also suitable for the packaging of solid products and can be used in fields ranging from chemicals to pet food, for the packaging of products such as motor oil, ketchup type sauces and dry pet food.

Multiple locking system options

All of this is also made possible by the ample flexibility that the SC+ allows in terms of materials: the customer can employ pouches made with different types of films, including recyclable mono-materials, with a positive impact on the environment. The closure system also allows for great flexibility; SC+ can employ different kinds of caps that can also be positioned differently depending on the circumstances. SC+ has three different setups for preformed pouches: the machine for pouches up to a liter is equipped with 24 dosing units, the one for up to two-liter pouches is equipped with 20 dosing units, while the one for the biggest form factor, 3 liters, has 16 dosing units.



One of the best TCOs in the market

The SC+ machine has been designed to meet the Industry 4.0 requirements, which demand minimal supervision by the operator and low maintenance, thus guaranteeing a 60% saving on such costs compared to more commonly used machines. The SC+ is also extremely efficient, both from an energy consumption point of view and in terms of packaging material waste, which are very small, with a percentage of rejected pouches about 85% lower compared to the competition. The machine concept allows the production to continue, even if one of the dosing systems fails, thus avoiding downtime. Finally, the ratio of "non-compliant" pouches is especially low, being about 1 every 30.000. All these areas make it so the "cost per pouch" of the SC+ is one of the best on the market.

For more information visit: www.volpak.com

Link: <https://spnews.com/volpak-preformed-pouches/>



Jun
2021

PRESS REVIEW

Volpak Develops a New Version of its SC+ Hf/f/s Machine

The latest version of Volpak's flagship SC+ hf/f/s continuous movement machine is specifically designed for preformed pouches and features a high level of automation, ensuring the production of the best quality packaging.

Jun 2nd, 2021

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For its characteristics, this version of the SC+ is especially suited to the Asian market, where the quality of the packaging, in industries such as makeup and personal care, is extremely important. In countries such as Japan, the quality of the pouches containing products such as makeup, lotions and shampoo is as important as the product itself. The SC+, however, is flexible enough to allow its use in other industries as well, regardless of the density and foaming properties of the product. This means that the SC+ is also suitable for the packaging of solid products and can be used in fields ranging from chemicals to pet food, for the packaging of products such as motor oil, ketchup type sauces and dry pet food.

All of this is also made possible by the ample flexibility that the SC+ allows in terms of materials: the customer can employ pouches made with different types of films, including recyclable mono-materials, with a positive impact on the environment. The closure system also allows for great flexibility; SC+ can employ different kinds of caps that can also be positioned differently depending on the circumstances. SC+ has three different setups for preformed pouches: the machine for pouches up to a liter is equipped with 24 dosing units, the one for up to two-liter pouches is equipped with 20 dosing units, while the one for the biggest form factor, 3 liters, has 16 dosing units.

Link: <https://www.packworld.com/supplier-news/news/21452479/volpak-volpak-develops-a-new-version-of-its-sc-hffs-machine>



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PRESS REVIEW



SC+ machine for preformed pouches: evolution for superior performances

Volpak, a Coesia company specialized in the manufacturing of HFFS machines for consumer goods, continues the evolution of its flagship "SC+"; a continuous movement machine that boasts superior performance.

The latest version of the machine has been designed for preformed pouches and features a high level of automation, ensuring the production of the best quality packaging. It's been designed mainly for the Asian market and it's employable by different industries, from Home to Personal Care to Food, both for solid and liquid products.

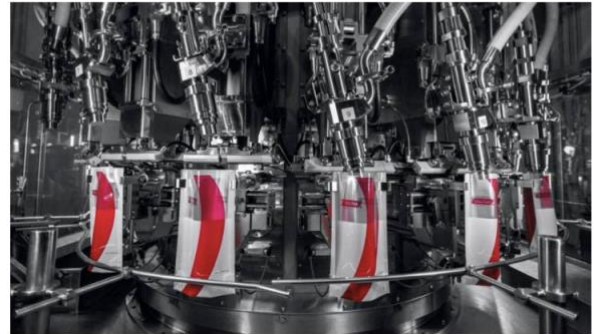
Filling and packaging of preformed pouches: quality as a driver

Precision and an extremely high level of automation. These were the core concepts for the development of SC+, a continuous movement machine that is Volpak's flagship unit. Introduced for the first time three years ago, SC+ has seen ongoing refinement and improvement efforts and is now available in different versions, to meet the needs of an increasingly more diverse market. The latest SC+ version has been developed for the filling and packaging of preformed pouches. In this version, the machine has an extremely compact layout that allows its use in small spaces. Moreover, the high level of automation and the precision of its mechanical mechanisms guarantee the production of extremely high-quality pouches, completely imperfection-free.



The SC+ machine has been designed to meet the Industry 4.0 requirements. (photo: Volpak)

Perfect for the Home and Personal Care markets and beyond for the SC+ machine



The SC+ machine allows ample flexibility in terms of materials. (photo: Volpak)

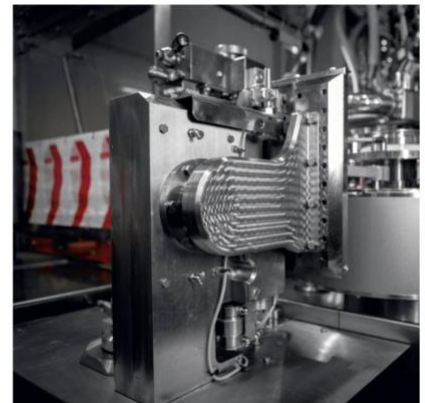
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The SC+, however, is flexible enough to allow its use in other industries as well, regardless of the density and foaming properties of the product. This means that the SC+ is also suitable for the packaging of solid products and can be used in fields ranging from chemicals to pet food, for the packaging of products such as motor oil, ketchup type sauces and dry pet food.

Different types of films: multiple locking system options

All of this is also made possible by the ample flexibility that the SC+ allows in terms of materials: the customer can employ pouches made with different types of films, including recyclable mono-materials, with a positive impact on the environment.

The closure system also allows for great flexibility; SC+ can employ different kinds of caps that can also be positioned differently depending on the circumstances.



Precision and an extremely high level of automation. These were the core concepts for the development of SC+ machine. (photo: Volpak)

SC+ has three different setups for preformed pouches:

- the machine for pouches up to a liter is equipped with 24 dosing units;
- the one for up to two-liter pouches is equipped with 20 dosing units;
- the one for the biggest form factor, 3 liters, has 16 dosing units.

Link: https://www.industrialmeeting.club/sc-machine-for-preformed-pouches-evolution-for-superior-performances/?fbclid=IwAR3pAjGHnOP3cwBlnzVxh2f_AkSyBNSV1PYVnTVAhziRptyBYi7ha0fGvGI



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PRESS REVIEW

Volpak upgrades SC+ machine for food packaging

01 June 2021 | News

The latest version of the machine has been designed for preformed pouches and features a high level of automation, ensuring the production of the best quality packaging



Volpak, a Coesia company specialised in the manufacturing of HFFS machines for consumer goods, continues the evolution of its flagship 'SC+'. The latest version of the machine has been designed for preformed pouches and features a high level of automation, ensuring the production of the best quality packaging. It's been designed mainly for the Asian market and it's employable by different industries, from food to home to personal care, both for solid and liquid products.

The latest SC+ version has been developed for the filling and packaging of preformed pouches. In this version, the machine has an extremely compact layout that allows its use in small spaces. Moreover, the high level of automation and the precision of its mechanical mechanisms guarantee the production of extremely high-quality pouches, completely imperfection-free.

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The SC+ machine has been designed to meet the Industry 4.0 requirements, which demand minimal supervision by the operator and low maintenance, thus guaranteeing a 60 per cent saving on such costs compared to more commonly used machines. The SC+ is also extremely efficient, both from an energy consumption point of view and in terms of packaging material waste, which are very small, with a percentage of rejected pouches about 85 per cent lower compared to the competition.

Link: <https://www.nuffoodsspectrum.in/news/41/8348/volpak-upgrades-sc-machine-for-food-packaging.html>



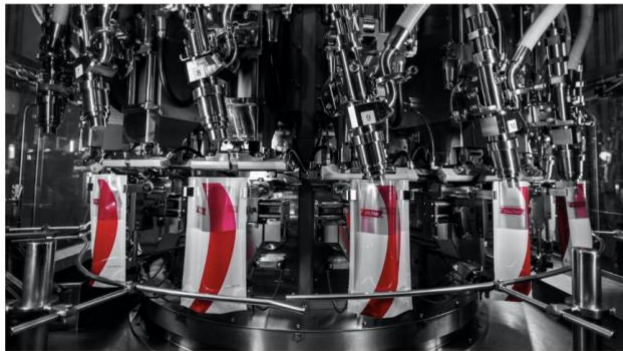
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AUTOMATION

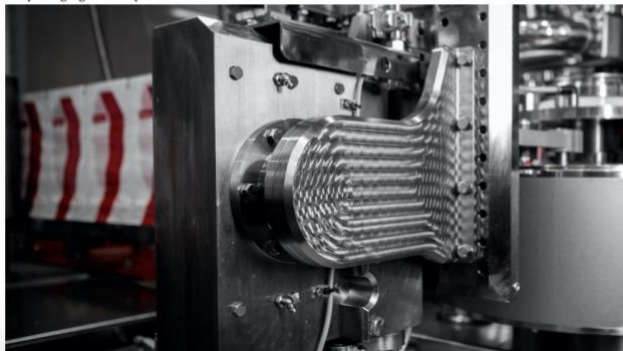
VolPak / New version of the HFFS for preformed pouches

Introduced for the first time three years ago, SC+ has seen ongoing refinement and improvement efforts and is now available in different versions



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Multiple locking system options

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One of the best TCOs in the market

The SC+ machine has been designed to meet the Industry 4.0 requirements, which demand minimal supervision by the operator and low maintenance, thus guaranteeing a 60% saving on such costs compared to more commonly used machines. The SC+ is also extremely efficient, both from an energy consumption point of view and in terms of packaging material waste, which are very small, with a percentage of rejected pouches about 85% lower compared to the competition. The machine concept allows the production to continue, even if one of the dosing systems fails, thus avoiding downtime. Finally, the ratio of "non-compliant" pouches is especially low, being about 1 every 30.000. All these areas make it so the "cost per pouch" of the SC+ is one of the best on the market.



Link: <https://www.compacknews.news/en/news/2021/new-version-of-the-hffs-for-preformed-pouches/>