



a coesia company



PRESS REVIEW

FIRST SEMESTER 2023



Stick pack technology for pharma and healthcare solutions



(Image: Volpak)

16. FEBRUAR 2023

For the growing market of one dose packaging Volpak added a new solution to its portfolio. For the healthcare and pharma sector the company now provides flexible packaging solutions with stick pack technology.

The Stick-Pack solution addresses different needs that flexible packaging is confronted with today. The **stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use.** Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.



(Image: Volpak)

Volpak, Ea, offers the pharma and healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the **Enflex PHS series is part of a strategy aimed at widening and improving the range of available systems**, with solutions that are increasingly targeted to specific market needs. This is the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. The Enflex PHS Series can not only offer **superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute)**, but it also meets sustainability needs, with a reduction of 42 percent in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.



(Image: Volpak)

The Enflex PHS Series is available in **multiple-lane setups and can be configured to meet the customer's specific production needs.** Regardless of the type, the whole Enflex PHS Series has a small footprint, with machines that can be effectively deployed even in small production areas. The format change operations are also easy on all machines: they can be completed quickly and with no special tools, which makes the Enflex PHS **machine ideal for third-party suppliers and contractors as well as pharmaceutical companies.** The OEE (Overall Equipment Efficiency) index of over 95 percent makes the Enflex PHS perfectly suitable for modern lean production needs and consistent with the Industry 4.0 framework.

In this respect, the Enflex PHS Series, just like every other Volpak machine, is **equipped with OptiMate, the Coesia Digital HMI:** a control panel that combines ease of use with advanced control functions. OptiMate accompanies and guides the operator in tasks such as format change or machine maintenance, while also letting them take complete control of the different functions. The smart interface facilitates the navigation of the different menus and **simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.**

Source: Volpak

Link: <https://packaging-journal.de/stick-pack-pharma-healthcare-volpak-packaging/>



Feb
2023

PRESS REVIEW

MACHINERY | PRIMARY PACKAGING

Intermittent Stick Pack Machines

Volpak launches the Enflex PHS Series designed for the pharmaceutical and healthcare markets. The PHS-30 (shown) is available with up to 4 lanes and speeds to 300 spm and the PHS-100 is available with up to 24 lanes and speeds to 1800 spm.

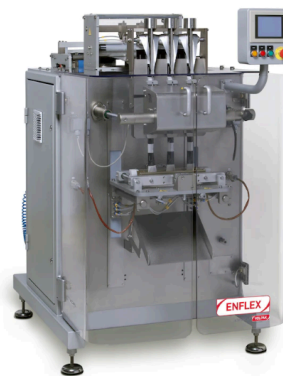
From — Volpak

Feb 15, 2023



This machine range meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format.

Flexible packaging is extremely practical for consumers, as it allows the easy consumption of the specific medication dose prescribed. It is also a good solution for single-dose drugs, as it allows storage of the specific drug quantity needed for a single use.



PHS-30 model

ADVERTISEMENT

It can also improve distribution efficiency, as smaller and lighter containers require less material and less storage space. This, in turn, lowers transportation and storage costs, which are closely linked to sustainability, one of the main challenges for the packaging industry.

[Volpak's Enflex PHS Series](#) addresses all the needs mentioned above. The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, due to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.

Link: <https://www.packworld.com/machinery/primary-packaging/product/22711172/volpak-intermittent-stick-pack-machines>



PACKAGING SPEAKS GREEN

Feb
2023

PRESS REVIEW



Volpak, parte di **Coesia**, specializzata nello sviluppo di soluzioni per il confezionamento flessibile di beni di largo consumo, lancia sul mercato attraverso il proprio brand **Enflex** una nuova macchina dedicata al mercato farmaceutico: PHS. La macchina, declinata in diversi modelli a seconda delle esigenze di produzione, è una soluzione pensata in risposta alle specifiche domande di un settore sempre più interessato al packaging flessibile, con particolare riferimento al formato stick-pack.

Il settore del packaging flessibile per prodotti farmaceutici vale oggi quasi 16 miliardi di dollari, con un tasso di crescita composta annuale prevista del 6,5 % entro il 2028, rappresentando una delle branche più dinamiche di un comparto in generale espansione. Per l'intero ambito del packaging flessibile ci si aspetta infatti un tasso di crescita del 4,5% annuo nel prossimo quinquennio. Questo si traduce in una crescente domanda di soluzioni di confezionamento per una vasta gamma di farmaci, soprattutto quelli monouso e monodose. Tutto ruota al concetto del "quality by design", uno dei trend più forti in ambito farmaceutico, teso a rendere i farmaci sempre più sicuri per l'assunzione, rendendoli nel contempo protetti da agenti contaminanti esterni. La risposta ideale a questa richiesta è il packaging flessibile, per diverse ragioni.

Innanzitutto, il packaging flessibile è estremamente pratico per i consumatori, poiché consente di assumere in maniera facile e pratica dosi specifiche di medicinale, a seconda della posologia. Inoltre, rappresenta un'ottima soluzione per i farmaci monodose, poiché consente di conservare in maniera specifica la quantità di medicinale necessaria a un solo utilizzo. Un tipico ambito di applicazione sono i prodotti oftalmici o quelli per uso orale. Inoltre, il packaging flessibile consente di ridurre gli sprechi, poiché consente di usare solo la quantità necessaria di medicinale, evitando di dover buttare via il prodotto in eccesso. Inoltre, è più leggero e meno ingombrante rispetto alle tradizionali confezioni in bottiglia o in blister.

Il packaging flessibile consente inoltre di aumentare l'efficienza nella distribuzione, poiché confezioni più piccole e leggere richiedono non soltanto meno materiale, ma anche meno spazio per essere immagazzinate. Ciò consente di ridurre i costi di trasporto e di immagazzinamento, fattori fortemente legati al tema della sostenibilità, che tocca sempre più da vicino l'ambito del packaging flessibile. Per esempio, molte case farmaceutiche impiegano pouch che usano monomateriali a ridotto impatto in luogo (o assieme) al tradizionale PE. Anche l'uso di materiali riciclabili al 100% è ormai consolidato e, grazie a

studi e tecnologie sempre più avanzate, sta portando allo sviluppo di film sempre più efficaci in termini di resistenza meccanica e protezione del prodotto. Anche in questo contesto Volpak può vantare un know-esclusivo: l'azienda spagnola dispone infatti di un proprio laboratorio di ricerca e sviluppo interno, il "pouch lab" per testare e sviluppare le proprietà e la macchinabilità di nuovi materiali per l'imballaggio.

All'interno di questo scenario, viene particolarmente apprezzata la soluzione in Stick-Pack, che risponde pienamente a tutte le esigenze appena descritte. Lo stick-pack è infatti un sistema di dosaggio che può essere impiegato per contenere e assumere nella maniera più efficace possibile prodotti liquidi, per esempio per via orale. Questa tipologia di packaging protegge il contenuto dall'umidità, dall'ossigeno e dalla luce. Grazie alla sua compattezza, infine, risulta una confezione molto "user-friendly", adatta all'impiego quotidiano.

PHS è in grado non soltanto di offrire performance di produzione ai vertici (a seconda della configurazione, può arrivare a confezionare fino a 1800 stick-pack per minuto), ma risponde appieno alle richieste di sostenibilità, garantendo un risparmio di materiale di incarto del 42% rispetto alle unità attualmente sul mercato. È inoltre dotata di un sistema di recupero dell'energia basato su servomotori, che consentono di risparmiare sui costi energetici.



Link: <https://packagingspeaksgreen.com/index.php/it/tecnologie/enflex-propone-nuove-soluzioni-il-pharma-e-lhealthcare>



Feb
2023

PRESS REVIEW

Enflex expands its Pharma & Healthcare solutions portfolio with stick pack technology

Volpak, a Coesia company, is launching a new Enflex brand series for the pharmaceutical and healthcare market

15 FEBRUARY 2023 15:47



Enflex PHS Series, which comes in different models depending on production needs. This machine range meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format.

Flexibility for an ever-growing market

The Pharma flexible packaging industry is currently worth almost 16 billion dollars, with a projected CAGR of 6.5% by 2028, which makes it one of the most dynamic markets in a generally expanding industry. In fact, for the whole flexible packaging industry, the expected growth rate in the next five years is 4.37%. This means a higher demand for flexible packaging solutions for a wide range of drugs, especially in single-use and single-dose formats. All of this revolves around the "quality by design" concept, one of the main trends in the Pharma industry, which aims at making drugs safer to consume and better protected from external contaminants. Flexible packaging is the ideal solution to this pressing need, for several reasons.

Easy to use

First, flexible packaging is extremely practical for consumers, as it allows the easy consumption of the specific medication dose prescribed. It is also a good solution for single-dose drugs, as it allows storage of the specific drug quantity needed for a single use. Some of the most common applications are ophthalmic or oral-use products. Flexible packaging can also reduce waste, as the consumer can use the quantity of the drug they need while avoiding having to throw away excess products. Lighter and less bulky than a traditional bottle or blisters, this kind of packaging is also easier to dispose.

Green packaging

Flexible packaging can also improve distribution efficiency, as smaller and lighter containers require less material and less storage space. This, in turn, lowers transportation and storage costs, which are closely linked to sustainability, one of the main challenges for the packaging industry. For instance, many pharmaceutical companies already use low-impact mono-material pouches instead of (or in combination with) traditional PE materials. The use of fully recyclable materials is also widely spread and thanks to new studies and increasingly more advanced technologies, films are being developed with improved mechanical strength and product protection features.

Stick-pack is the ideal format

The Stick-Pack solution is especially popular in this scenario, as it addresses all the needs above mentioned. The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.

Volpak and Enflex's offer

Volpak, Ea, offers the Pharma & Healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the Enflex PHS series is part of a strategy aimed at widening and improving the range of available systems, with solutions that are increasingly targeted to specific market needs. This is the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. The Enflex PHS Series can not only offer superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute), but it also meets sustainability needs, with a reduction of 42% in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.

Tailored to the customer's needs

The Enflex PHS Series is available in multiple-lane setups and can be configured to meet the customer's specific production needs. Regardless of the type, the whole Enflex PHS Series has a small footprint, with machines that can be effectively deployed even in small production areas. The format change operations are also easy on all machines: they can be completed quickly and with no special tools, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The OEE (Overall Equipment Efficiency) Index of over 95% makes the Enflex PHS perfectly suitable for modern lean production needs and consistent with the Industry 4.0 framework.

Digital technologies In this respect, the Enflex PHS Series, just like every other Volpak machine, is equipped with OptiMate, the Coesia Digital HMI: a control panel that combines ease of use with advanced control functions. OptiMate accompanies and guides the operator in tasks such as format change or machine maintenance, while also letting them take complete control of the different functions. The smart interface facilitates the navigation of the different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.

PHS will be showcased at the Interpack trade fair, in Düsseldorf, May 4-10, in the Coesia booth, Hall 6 - D31 / E57

Link: <https://spnews.com/enflex-pharma-packaging/>



Feb
2023

PRESS REVIEW



Volpak is launching the Enflex PHS Series, which produces flexible packaging – especially in the stick-pack format – for the pharmaceutical and healthcare industries.

In the pharmaceutical sector, the flexible packaging industry is said to be worth almost \$16 billion with a projected CAGR of 65% by 2028 and an expected growth rate of 4.37%. As such, customers within the pharma industry are reportedly seeking packaging solutions that ensure the protection and safety of pharmaceutical products, especially single-use and single-dose drugs.

In response, Volpak asserts that flexible packaging is easy to open and useful for storing specific doses, as well as minimising wasted product, cutting down on packaging weight, and enabling efficient and low-cost distribution. It highlights the stick-pack solution in particular, which it maintains can protect liquid health products from moisture, oxygen, and light while remaining compact, user-friendly, and practical.

The Enflex PHS Series is available in multiple-lane setups and is designed for specific configuration to meet customer needs. It apparently features a small footprint to enable customers with less production space to integrate its technology into their production processes.

Under specific performance configurations, the series is reported to produce 1,800 stick-packs per minute. Furthermore, it claims to reduce material wrapping usage by 42% in comparison with other units on the market and provide customers with a means of saving on energy costs with its servomotor-based energy recovery system.

Format change operations are also quick and easy to complete, according to Volpak, requiring no special tools – a feature thought to benefit third-party suppliers, contractors, and pharmaceutical companies alike. The series' OEE (Overall Equipment Efficiency) index is placed at over 95%, which makes it compatible with modern lean production needs and consistent with the Industry 4.0 framework, the company states.

Additionally, the series is equipped with OptiMate, the Coesia Digital HMI; this control panel claims to facilitate ease of use while maintaining advanced control functions for format change, machine maintenance, and other applications. The smart interface allows customers to navigate different menus and is said to simplify such processes as ordering spare parts, accessing technical documentation, and generating production reports.

This time last year, **Shawpak** introduced its **4-Side Seal Pouch Machine** set to package flat medical products.

Meanwhile, **Romaco Noack's Unity 600** blister packaging line claims to have a maximum output of 600 blisters and 350 cartons per minute and seeks to optimise efficiency and lower emissions in the production of packs for the pharmaceutical and nutraceutical sectors.

Automation & Software | Efficiencies | Featured Stories | Pharmaceutical

Link: <https://packagingeurope.com/news/volpak-introduces-flexible-packaging-machines-to-product-stick-pack-format-for-pharma-sector/9404.article>



a coesia company

Healthcare
PACKAGING

Feb
2023

PRESS REVIEW

Intermittent Stick Pack Machines

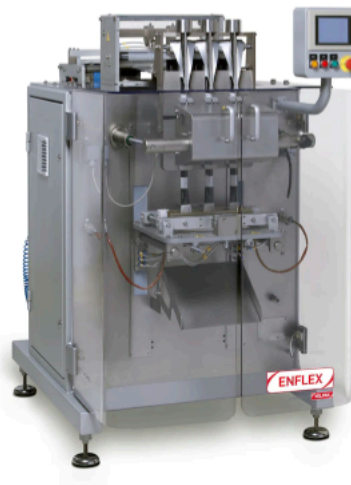
Volpak launches the Enflex PHS Series designed for the pharmaceutical and healthcare markets. The PHS-30 (shown) is available with up to 4 lanes and speeds to 300 spm and the PHS-100 is available with up to 24 lanes and speeds to 1800 spm.

From — Volpak

Feb 15, 2023

This machine range comes in different models depending on production needs and meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format.

The Enflex PHS Series focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. This machine offers superior production performance and sustainability, with a reduction of 42% in wrapping material usage compared to units currently on the market. The machine is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.



PHS-30 model

[Volpak's Enflex PHS Series](#) is available in multiple-lane setups and can be configured to meet the customer's specific production needs. The format change operations are also easy on all machines, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The Enflex PHS Series is consistent with the Industry 4.0 framework, and is equipped with OptiMate, the Coesia Digital HMI, which facilitates the navigation of different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.

Link: <https://www.healthcarepackaging.com/machinery-materials/packaging-filling/product/22711172/volpak-intermittent-stick-pack-machines>



Packaging
SOUTH ASIA
The Magazine for Modern Packaging

Feb
2023
1/2

PRESS REVIEW

New Enflex brand series from Volpak

Enflex expands pharma, healthcare solutions with stick-pack tech

By PSA Desk - February 17, 2023

8



The Enflex PHS Series comes in different models depending on production needs.

Volpak, a Coesia company, is launching a new **Enflex** brand series for the pharmaceutical and healthcare market – the Enflex PHS Series that comes in different models depending on production needs. The machine range meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format, the company said. PHS will be showcased at the Interpack trade fair, in Düsseldorf, from 4-10 May, in the Coesia booth, Hall 6 – D31 / E57.

The Pharma flexible packaging industry is worth almost US\$16 billion, with a projected CAGR of 6.5% by 2028, which makes it one of the most dynamic markets in a generally expanding industry. In fact, for the whole flexible packaging industry, the expected growth rate in the next five years is 4.37%. This means a higher demand for flexible packaging solutions for a wide range of drugs, especially in single-use and single-dose formats. All of this revolves around the 'quality by design' concept, one of the main trends in the Pharma industry, which aims at making drugs safer to consume and better protected from external contaminants. Flexible packaging is the ideal solution to this pressing need, for several reasons.

Easy to use

First, flexible packaging is extremely practical for consumers, as it allows the easy consumption of the specific medication dose prescribed. It is also a good solution for single-dose drugs, as it allows storage of the specific drug quantity needed for a single use. Some of the most common applications are ophthalmic or oral-use products. Flexible packaging can reduce waste, as the consumer can use the quantity of the drug they need while avoiding having to throw away excess products. Lighter and less bulky than a traditional bottle or blisters, this kind of packaging is also easier to dispose of.

Green packaging

Flexible packaging can improve distribution efficiency, as smaller and lighter containers require less material and less storage space. This lowers transportation and storage costs, which are closely linked to sustainability, one of the main challenges for the packaging industry. For instance, many pharmaceutical companies already use low-impact mono-material pouches instead of (or in combination with) traditional PE materials. The use of fully recyclable materials is also widely spread and thanks to new studies and increasingly more advanced technologies, films are being developed with improved mechanical strength and product protection features.

Stick-pack format

The Stick-Pack solution is especially popular in this scenario, as it addresses all the needs above mentioned. The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.



The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use.

Volpak and Enflex's offer

Volpak offers the Pharma & Healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the Enflex PHS series is part of a strategy aimed at widening and improving the range of available systems, with solutions that are increasingly targeted to specific market needs. This is the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. The Enflex PHS Series can not only offer superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute), but it also meets sustainability needs, with a reduction of 42% in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.

Link: <https://packagingsouthasia.com/type-of-article/technical/from-volpak/>



Packaging
SOUTH ASIA
The Magazine for Modern Packaging

Feb
2023
2/2

PRESS REVIEW

Customer needs

The Enflex PHS Series is available in multiple-lane setups and can be configured to meet the customer's specific production needs. Regardless of the type, the whole Enflex PHS Series has a small footprint, with machines that can be effectively deployed even in small production areas. The format change operations are also easy on all machines: they can be completed quickly and with no special tools, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The OEE (Overall Equipment Efficiency) index of over 95% makes the Enflex PHS perfectly suitable for modern lean production needs and consistent with the Industry 4.0 framework.

Digital technologies

In this respect, the Enflex PHS Series, just like every other Volpak machine, is equipped with OptiMate, the Coesia Digital HMI: a control panel that combines ease of use with advanced control functions. OptiMate accompanies and guides the operator in tasks such as format change or machine maintenance, while also letting them take complete control of the different functions. The smart interface facilitates the navigation of the different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.

Volpak, part of Coesia Group, specializes in horizontal form-fill-seal solutions for the pouch-type packaging industry. Enflex, a brand of Coesia, designs and produces a wide range of sachet machines to package pharmaceutical products, as well as alcohol wipes and medical swab sticks.

The impact, resilience, and growth of responsible packaging in a wide region are daily chronicled by *Packaging South Asia*.

A multi-channel B2B publication and digital platform such as Packaging South Asia is always aware of the prospect of new beginnings and renewal. Its 16-year-old print monthly, based in New Delhi, India has demonstrated its commitment to progress and growth. The Indian and Asian packaging industries have shown resilience in the face of ongoing challenges over the past three years.

As we present our publishing plan for 2023, India's real GDP growth for the financial year ending 31 March 2023 will reach 6.3%. Packaging industry growth has exceeded GDP growth even when allowing for inflation in the past three years.

The capacity for flexible film manufacturing in India increased by 33% over the past three years. With orders in place, we expect another 33% capacity addition from 2023 to 2025. Capacities in monocartons, corrugation, aseptic liquid packaging, and labels have grown similarly. The numbers are positive for most of the economies in the region - our platform increasingly reaches and influences these.

Link: <https://packagingsouthasia.com/type-of-article/technical/from-volpak/>



PHARMA
FOCUS ASIA

Feb
2023

PRESS REVIEW

Enflex expands its Pharma & Healthcare solutions portfolio with stick pack technology

THURSDAY, FEBRUARY 16, 2023

Volpak, a Coesia company, is launching a new Enflex brand series for the pharmaceutical and healthcare market: Enflex PHS Series, which comes in different models depending on production needs. This machine range meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format.

Flexibility for an ever-growing market

The Pharma flexible packaging industry is currently worth almost 16 billion dollars, with a projected CAGR of 6.5% by 2028, which makes it one of the most dynamic markets in a generally expanding industry. In fact, for the whole flexible packaging industry, the expected growth rate in the next five years is 4.37%. This means a higher demand for flexible packaging solutions for a wide range of drugs, especially in single-use and single-dose formats. All of this revolves around the "quality by design" concept, one of the main trends in the Pharma industry, which aims at making drugs safer to consume and better protected from external contaminants. Flexible packaging is the ideal solution to this pressing need, for several reasons.

Easy to use

First, flexible packaging is extremely practical for consumers, as it allows the easy consumption of the specific medication dose prescribed. It is also a good solution for single-dose drugs, as it allows storage of the specific drug quantity needed for a single use. Some of the most common applications are ophthalmic or oral-use products. Flexible packaging can also reduce waste, as the consumer can use the quantity of the drug they need while avoiding having to throw away excess products. Lighter and less bulky than a traditional bottle or blisters, this kind of packaging is also easier to dispose.

Green packaging

Flexible packaging can also improve distribution efficiency, as smaller and lighter containers require less material and less storage space. This, in turn, lowers transportation and storage costs, which are closely linked to sustainability, one of the main challenges for the packaging industry. For instance, many pharmaceutical companies already use low-impact mono-material pouches instead of (or in combination with) traditional PE materials. The use of fully recyclable materials is also widely spread and thanks to new studies and increasingly more advanced technologies, films are being developed with improved mechanical strength and product protection features.

Stick-pack is the ideal format

The Stick-Pack solution is especially popular in this scenario, as it addresses all the needs above mentioned. The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.

Volpak and Enflex's offer

Volpak, Ea, offers the Pharma & Healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the Enflex PHS series is part of a strategy aimed at widening and improving the

the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. The Enflex PHS Series can not only offer superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute), but it also meets sustainability needs, with a reduction of 42% in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.

Tailored to the customer's needs

The Enflex PHS Series is available in multiple-lane setups and can be configured to meet the customer's specific production needs. Regardless of the type, the whole Enflex PHS Series has a small footprint, with machines that can be effectively deployed even in small production areas. The format change operations are also easy on all machines: they can be completed quickly and with no special tools, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The OEE (Overall Equipment Efficiency) index of over 95% makes the Enflex PHS perfectly suitable for modern lean production needs and consistent with the Industry 4.0 framework.

Digital technologies

In this respect, the Enflex PHS Series, just like every other Volpak machine, is equipped with OptiMate, the Coesia Digital HMI: a control panel that combines ease of use with advanced control functions. OptiMate accompanies and guides the operator in tasks such as format change or machine maintenance, while also letting them take complete control of the different functions. The smart interface facilitates the navigation of the different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.

PHS will be showcased at the Interpack trade fair, in Düsseldorf, May 4-10, in the Coesia booth, Hall 6 - D31 / E57

Volpak

Volpak, part of Coesia Group, is a company built on robust technological foundations and 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 most technologically advanced groups in the world. In 2001, Volpak acquired Enflex, a company specializing 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 types and sizes, for a whole variety of industries, operating at low-, medium- or high speed. The company can count on the expertise of approximately 270 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, through its extensive sales network of representatives and agents, is present in over 130 countries around the world. Volpak is currently focused on providing packaging solutions for sustainable and 100% recyclable packaging.

Enflex

Enflex, a brand of Coesia, designs and produces a wide range of sachet machines to package pharmaceutical products, as well as alcohol wipes and medical swab sticks. 1100 machines installed, 205 complete lines, and a portfolio of hundreds of worldwide customers who produce over 120 billion pouches every year. These are Enflex's figures in the pharmaceutical industry. Enflex machines are especially popular in the industry, as they combine high efficiency with key features such as durability and serviceability. Enflex's solutions are mostly designed for flat pouches (a.k.a. sachets), with special attention to sustainability; all Enflex machines (as well as Volpak) are ready to work with 100% recyclable mono-material.

Link: <https://www.pharmafocusasia.com/pressreleases/enflex-expands-its-pharma-healthcare-solutions-portfolio-with-stick-pack-technology>



Feb
2023

HealthTekPak

PRESS REVIEW



The Enflex PHS Series comes in different models depending on production needs.

Volpak, a Coesia company, is launching a new Enflex brand series for the pharmaceutical and healthcare market – the Enflex PHS Series that comes in different models depending on production needs. The machine range meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format, the company said. PHS will be showcased at the Interpack trade fair, in Düsseldorf, from 4-10 May, in the Coesia booth, Hall 6 – D31 / E57.

The Pharma flexible packaging industry is worth almost US\$16 billion, with a projected CAGR of 6.5% by 2028, which makes it one of the most dynamic markets in a generally expanding industry. In fact, for the whole flexible packaging industry, the expected growth rate in the next five years is 4.37%. This means a higher demand for flexible packaging solutions for a wide range of drugs, especially in single-use and single-dose formats. All of this revolves around the 'quality by design' concept, one of the main trends in the Pharma industry, which aims at making drugs safer to consume and better protected from external contaminants. Flexible packaging is the ideal solution to this pressing need, for several reasons.

Easy to use

First, flexible packaging is extremely practical for consumers, as it allows the easy consumption of the specific medication dose prescribed. It is also a good solution for single-dose drugs, as it allows storage of the specific drug quantity needed for a single use. Some of the most common applications are ophthalmic or oral-use products. Flexible packaging can reduce waste, as the consumer can use the quantity of the drug they need while avoiding having to throw away excess products. Lighter and less bulky than a traditional bottle or blisters, this kind of packaging is also easier to dispose of.

Green packaging

Flexible packaging can improve distribution efficiency, as smaller and lighter containers require less material and less storage space. This lowers transportation and storage costs, which are closely linked to sustainability, one of the main challenges for the packaging industry. For instance, many

pharmaceutical companies already use low-impact mono-material pouches instead of (or in combination with) traditional PE materials. The use of fully recyclable materials is also widely spread and thanks to new studies and increasingly more advanced technologies, films are being developed with improved mechanical strength and product protection features.

Stick-pack format

The Stick-Pack solution is especially popular in this scenario, as it addresses all the needs above mentioned. The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.



The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use.

Volpak and Enflex's offer

Volpak offers the Pharma & Healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the Enflex PHS series is part of a strategy aimed at widening and improving the range of available systems, with solutions that are increasingly targeted to specific market needs. This is the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. The Enflex PHS Series can not only offer superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute), but it also meets sustainability needs, with a reduction of 42% in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.

Customer needs

The Enflex PHS Series is available in multiple-lane setups and can be configured to meet the customer's specific production needs. Regardless of the type, the whole Enflex PHS Series has a small footprint, with machines that can be effectively deployed even in small production areas. The format change operations are also easy on all machines: they can be completed quickly and with no special tools, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The OEE (Overall Equipment Efficiency) index of over 95% makes the Enflex PHS perfectly suitable for modern lean production needs and consistent with the Industry 4.0 framework.

Digital technologies

In this respect, the Enflex PHS Series, just like every other Volpak machine, is equipped with OptiMate, the Coesia Digital HMI: a control panel that combines ease of use with advanced control functions. OptiMate accompanies and guides the operator in tasks such as format change or machine maintenance, while also letting them take complete control of the different functions. The smart interface facilitates the navigation of the different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.

Link: <https://www.healthtekpak.com/events/interpack-2023/new-enflex-brand-series-from-volpak/>



Feb
2023

PRESS REVIEW

Stick Pack Technology

Production and Packaging of Single-Dose Stick-Packs

17.02.2023 | Source: Press release Volpak

Volpak, a Coesia company, is launching a new Enflex brand series for the pharmaceutical and healthcare market: Enflex PHS Series, which comes in different models depending on production needs. This machine range meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format.



he Enflex PHS Series is available in multiple-lane setups

(Source: Volpak)

The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.

Volpak, Ea, offers the Pharma & Healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the Enflex PHS series is part of a strategy aimed at widening and improving the range of available systems, with solutions that are increasingly targeted to specific market needs. This is the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical

and family environment. The Enflex PHS Series can not only offer superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute), but it also meets sustainability needs, with a reduction of 42% in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.

The Enflex PHS Series is available in multiple-lane setups and can be configured to meet the customer's specific production needs. Regardless of the type, the whole Enflex PHS Series has a small footprint, with machines that can be effectively deployed even in small production areas. The format change operations are also easy on all machines: they can be completed quickly and with no special tools, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The OEE (Overall Equipment Efficiency) index of over 95% makes the Enflex PHS suitable for modern lean production needs and consistent with the Industry 4.0 framework.

The Enflex PHS Series is equipped with Optimate, the Coesia Digital HMI: a control panel that combines ease of use with advanced control functions. Optimate accompanies and guides the operator in tasks such as format change or machine maintenance, while also letting them take complete control of the different functions. The smart interface facilitates the navigation of the different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.

Interpack, Duesseldorf/Germany: Hall 6 - D31 / E57

Link: <https://www.process-worldwide.com/production-and-packaging-of-single-dose-stick-packs-a-05381f5fb486c53c93ec2f78d4ce921d/>



IndustrialMeeting
Food and Beverage Technology

Feb
2023

PRESS REVIEW



Stick pack technology, expanded the flexible solutions by Enflex

Volpak, a Coesia company, is introducing a new Enflex brand series for the pharmaceutical and healthcare markets: the Enflex PHS Series, which is available in a variety of models depending on production requirements.

This machine line meets the specific needs of an industry that is becoming increasingly interested in flexible packaging, particularly stick-pack packaging. Enflex is adding stick pack technology to its portfolio of Pharma and Healthcare solutions.

Flexibility for an ever-growing market

The Pharma flexible packaging industry is currently worth almost 16 billion dollars, with a projected CAGR of 6.5% by 2028*, which makes it one of the most dynamic markets in a generally expanding industry.

In fact, for the whole flexible packaging industry, the expected growth rate in the next five years is 4.37%. This means a higher demand for flexible packaging solutions for a wide range of drugs, especially in single-use and single-dose formats.

All of this revolves around the "quality by design" concept, one of the main trends in the Pharma industry, which aims at making drugs safer to consume and better protected from external contaminants.

In the photo the PHS 100 model. The Enflex PHS Series is available in multiple-lane setups and can be configured to meet the customer's specific production needs. (photo: Volpak)

Flexible packaging is the ideal solution to this pressing need, for several reasons.

Easy to use

First, flexible packaging is extremely practical for consumers, as it allows the easy consumption of the specific medication dose prescribed. It is also a good solution for single-dose drugs, as it allows storage of the specific drug quantity needed for a single use. Some of the most common applications are ophthalmic or oral-use products. Flexible packaging can also reduce waste, as the consumer can use the quantity of the drug they need while avoiding having to throw away excess products. Lighter and less bulky than a traditional bottle or blisters, this kind of packaging is also easier to dispose.

Green packaging

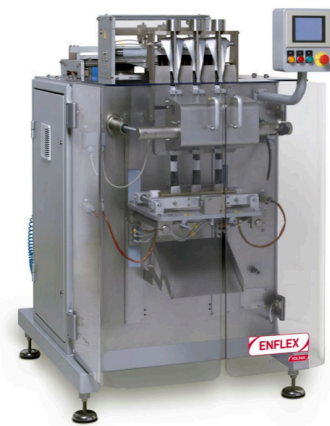
Flexible packaging can also improve distribution efficiency, as smaller and lighter containers require less material and less storage space. This, in turn, lowers transportation and storage costs, which are closely linked to sustainability, one of the main challenges for the packaging industry. For instance, many pharmaceutical companies already use low-impact mono-material pouches instead of (or in combination with) traditional PE materials. The use of fully recyclable materials is also widely spread and thanks to new studies and increasingly more advanced technologies, films are being developed with improved mechanical strength and product protection features.

Stick-pack is the ideal format

The Stick-Pack solution is especially popular in this scenario, as it addresses all the needs above mentioned. The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life.

Volpak and Enflex's offer

Volpak, Ea, offers the Pharma & Healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the Enflex PHS series is part of a strategy aimed at widening and improving the range of available systems, with solutions that are increasingly targeted to specific market needs. This is the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. The Enflex PHS Series can not only offer superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute), but it also meets sustainability needs, with a reduction of 42% in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.



In the photo the PHS 100 model of the PHS series by Enflex. (photo: Volpak)

Link: <https://www.industrialmeeting.club/stick-pack-technology-expanded-the-flexible-solutions-by-enflex/>



Mar
2023

PRESS REVIEW

VOLPAK at Interpack 2023: frontier technologies in flexible packaging

VOLPAK, a Coesia company specialized in the designing and manufacturing of flexible packaging machines, is participating at Interpack 2023 (booth D31-D57) and presenting its latest solutions focused on automation and sustainability, fundamental pillars of the GREENMATION corporate strategy.

20 MARCH 2023 17:14



GREENMATION, industrial automation for a sustainable future

At Interpack 2023 Coesia presents GREENMATION, Coesia's response to the current trend prompted by the consumer demands towards reusable and recyclable packaging solutions, whilst manufacturers face labor shortages and production cost increases. "In this complex situation, Coesia believes that the answer to this profitability-threatening challenge lies in supporting a revolution in production which is capable of combining the principles of automation and sustainability in the industries of Food & Beverage, Pharma & Personal Care, and Cross Industry Automation," says Alessandro Parimbelli, Coesia Chief Executive Officer.

The Coesia booth will be structured into three areas (Food & Beverage, Pharma & Personal Care, and Cross Industry Automation) where technicians and experts will present the latest solutions presented by the Group: ACMA, Atlantic Zeiser, CITUS KALIX, EMMECI, FlexLink, G.D, GF, HAPA, NORDEN, RA Jones, and VOLPAK.

VOLPAK SM+: a step ahead in the horizontal form fill seal

The main novelty is the new **VOLPAK SM+**, an innovative horizontal pouching platform suitable for supporting customers with very tight time-to-market needs and highly variable productions both in terms of product and format. Equipped with magnet-based transport technology, the SM+ line is designed to be truly modular, allowing for the flexible configuration of **independent stations**, as well as **fully automatic changeovers**.

Unity is strength: the VOLPAK SI 280 and ENFLEX PH-11

Two VOLPAK machines will then be exhibited as part of integrated lines with other Coesia companies. The first line constitutes a turnkey system for the Food industry: the VOLPAK SI 280 machine featuring options to manage **sustainable films** and **automatic size changes** will be integrated to an RA Jones cartoner and a **FlexLink** collaborative robot palletizer. The second line is aimed at the pharmaceutical market and integrates a **Hapa** hybrid inline printer with a VOLPAK's **ENFLEX PH-11** sachet machine, equipped with a new powder dosing system that meets **GMP requirements**. The line is designed to streamline logistics, eliminate the uncertainties tied to the pre-printed foil reel supply chain, while maintaining full compliance to pharmaceutical standards.

Finally, as a further addition to its portfolio for the Healthcare sector, VOLPAK will also presents the **ENFLEX PHS-65**, a new range of **stick pack machines** designed specifically for **pharmaceutical liquids and powders**.

VOLPAK is at Interpack 2023, Messe Düsseldorf, from May 4th to 10th, 2023.

Coesia booth: Hall 6, booth D31-

www.volpak.com

Link: <https://spnews.com/volpak-interpack-2023/>



IndustrialMeeting
Food and Beverage Technology

**Mar
2023**

PRESS REVIEW



Flexible packaging with frontier technologies at Interpack 2023

VOLPAK, a Coesia company specializing in the design and manufacture of flexible packaging machines, will be present at Interpack 2023 (booth D31-D57) with its latest solutions focused on automation and sustainability, which are key pillars of the GREENMATION corporate strategy.

GREENMATION, industrial automation for a sustainable future



VOLPAK is exhibiting at the Interpack 2023 to present the frontier technologies in flexible packaging. (photo: VOLPAK)

At Interpack 2023 Coesia presents GREENMATION, Coesia's response to the current trend prompted by the consumer demands towards reusable and recyclable packaging solutions, whilst manufacturers face labor shortages and production cost increases.

"In this complex situation, Coesia believes that the answer to this profitability-threatening challenge lies in supporting a revolution in production which is capable of combining the principles of automation and sustainability in the industries of Food & Beverage, Pharma & Personal Care, and Cross Industry Automation," says **Alessandro Parimbelli**, Coesia Chief Executive Officer.

The Coesia booth will be structured into three areas:

- Food & Beverage;
- Pharma & Personal Care;
- Cross Industry Automation.

Link: <https://www.industrialmeeting.club/flexible-packaging-with-frontier-technologies-at-interpack-2023/>

Where technicians and experts will present the latest solutions presented by the Group: ACMA, Atlantic Zeiser, CITUS KALIX, EMMECI, FlexLink, G.D, GF, HAPA, NORDEN, R.A Jones, and VOLPAK.

VOLPAK SM+: a step ahead in the horizontal form fill seal

The main novelty is the new VOLPAK SM+, an innovative horizontal pouching platform suitable for supporting customers with very tight time-to-market needs and highly variable productions both in terms of product and format. Equipped with magnet-based transport technology, the SM+ line is designed to be truly modular, allowing for the flexible configuration of independent stations, as well as fully automatic changeovers.

Unity is strength: the VOLPAK SI 280 and ENFLEX PH-11



The VOLPAK SI 280 machine. (photo: VOLPAK)

Two VOLPAK machines will then be exhibited as part of integrated lines with other Coesia companies.

The first line constitutes a turnkey system for the Food industry: the VOLPAK SI 280 machine featuring options to manage sustainable films and automatic size changes will be integrated to an R.A Jones cartoner and a FlexLink collaborative robot palletizer.



The Enfex solutions will be at the Interpack 2023 fair. (photo: VOLPAK)

The second line is aimed at the pharmaceutical market and integrates a Hapa hybrid inline printer with a VOLPAK's ENFLEX PH-11 sachet machine, equipped with a new powder dosing system that meets GMP requirements. The line is designed to streamline logistics, eliminate the uncertainties tied to the pre-printed foil reel supply chain, while maintaining full compliance to pharmaceutical standards.

Finally, as a further addition to its portfolio for the Healthcare sector, VOLPAK will also presents the ENFLEX PHS-65, a new range of stick pack machines designed specifically for pharmaceutical liquids and powders.



Mar
2023

PRESS REVIEW

Flexible Packaging

Stick Pack Technology on Display

22.03.2023 | Source: Press release [Ahlam Rais](#)

Volpak has introduced its latest solution the Enflex PHS Series for the pharma and healthcare industry. Focused on flexible packaging, the stick pack solution is a unit dosage format which proves ideal to contain and deliver liquid health products for oral and topical use.



Volpak's new Enflex PHS Series comes in different models depending on production needs. (Source: Volpak)

Volpak, a Coesia company, is launching a new Enflex brand series for the pharmaceutical and healthcare market: Enflex PHS Series, which comes in different models depending on production needs. This machine range meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format.

Flexibility for an ever-growing market

The pharma flexible packaging industry is currently worth almost 16 billion dollars, with a projected CAGR of 6.5 % by 2028, which makes it one of the most dynamic markets in a generally expanding industry. In fact, for the whole flexible packaging industry, the

expected growth rate in the next five years is 4.37 %. This means a higher demand for flexible packaging solutions for a wide range of drugs, especially in single-use and single-dose formats.

All of this revolves around the "quality by design" concept, one of the main trends in the pharma industry, which aims at making drugs safer to consume and better protected from external contaminants. Flexible packaging is the ideal solution to this pressing need, for several reasons.

Easy to use

First, flexible packaging is extremely practical for consumers, as it allows the easy consumption of the specific medication dose prescribed. It is also a good solution for single-dose drugs, as it allows storage of the specific drug quantity needed for a single use. Some of the most common applications are ophthalmic or oral-use products.

Flexible packaging can also reduce waste, as the consumer can use the quantity of the drug they need while avoiding having to throw away excess products. Lighter and less bulky than a traditional bottle or blisters, this kind of packaging is also easier to dispose.

Green packaging

Flexible packaging can also improve distribution efficiency, as smaller and lighter containers require less material and less storage space. This, in turn, lowers transportation and storage costs, which are closely linked to sustainability, one of the main challenges for the packaging industry.

For instance, many pharmaceutical companies already use low-impact mono-material pouches instead of (or in combination with) traditional PE materials. The use of fully recyclable materials is also widely spread and thanks to new studies and increasingly more advanced technologies, films are being developed with improved mechanical strength and product protection features.

Stick-pack is the ideal format

The Stick-Pack solution is especially popular in this scenario, as it addresses all the needs above mentioned, states the company. The stick-pack is a unit dosage format, perfect to contain and deliver liquid health products for oral and topical use. Serving its purpose to protect the contents from moisture, oxygen, and light, thanks to its small size and compactness, the unit dose is user-friendly and very practical for everyday life, mentions the firm.

Volpak and Enflex's offer

Volpak, Ea, offers the pharma & healthcare industry a portfolio of cutting-edge and fully compliant solutions. The addition of the Enflex PHS series is part of a strategy aimed at widening and improving the range of available systems, with solutions that are increasingly targeted to specific market needs. This is the reason this machine focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment.

The Series can not only offer superior production performance (depending on its configuration, it can reach 1800 stick-packs per minute), but it also meets sustainability needs, with a reduction of 42 % in wrapping material usage compared to units that are currently on the market. It is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs, adds the company.

Tailored to the customer's needs

The Series is available in multiple-lane setups and can be configured to meet the customer's specific production needs. Regardless of the type, the whole Series has a small footprint, with machines that can be effectively deployed even in small production areas.

According to the firm, the format change operations are also easy on all machines: they can be completed quickly and with no special tools, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The OEE (Overall Equipment Efficiency) index of over 95 % makes the solution perfectly suitable for modern lean production needs and consistent with the Industry 4.0 framework.

Digital technologies

In this respect, the Series, just like every other Volpak machine, is equipped with Optimate, the Coesia Digital HMI: a control panel that combines ease of use with advanced control functions. Optimate accompanies and guides the operator in tasks such as format change or machine maintenance, while also letting them take complete control of the different functions. The smart interface facilitates the navigation of the different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports, concludes the company.

PHS will be showcased at the Coesia booth, Hall 6 - D31 / E57 at the Interpack trade fair in Düsseldorf, Germany.

Link: <https://www.process-worldwide.com/stick-pack-technology-on-display-a-348679ecfdcd76b3264234da3bd13289/>



PRESS REVIEW



interpack

**Mar
2023**



Stick Packs finden zunehmend Anwendung im Pharmabereich, etwa bei flüssigen Medikamenten zur oralen Aufnahme. (Bild: Volpak)

FLEXIBLE VERPACKUNGEN IM PHARMABEREICH

Nicht zuletzt die Corona-Pandemie hat vielen Menschen vor Augen geführt, wie wichtig **schnell verfügbare und leicht handhabbare Medikamente** sein können. Gerade, wenn Patientinnen und Patienten die Medikamente ohne medizinisches Personal zu sich nehmen sollen, kann eine entsprechend entworfene Verpackung hilfreich sein.

Das zeigt sich etwa bei vorportionierten Medikamenten. Diese haben den Vorteil, dass Anwenderinnen und Anwender sie ohne große Komplikationen und ohne fremde Hilfe selbst zu führen können. **Abmessen, Abfüllen oder sonstiges Dosieren ist nicht erforderlich** und damit der Raum für Fehler kaum vorhanden. Als Schutz für diese Medikamente kann eine flexible Verpackung dienen.

Denn die Vorteile, die flexible Verpackungen in anderen Bereichen ausspielen, greifen auch bei der Verpackung von Medikamenten. **So bleibt nach der Anwendung kein Medikamentenrest übrig, der im Abfall landen würde** – schließlich ist genau die erforderliche Menge verpackt. Auch in Transport und Lagerung **nimmt die Verpackung weniger Raum ein** und wiegt weniger als etwa Verpackungen aus Glas oder großformatige Kartons. Zudem lassen sich flexible Verpackungen – sofern bei der Herstellung Monomaterialien wie Polypropylen zum Einsatz kommen – nach Gebrauch gut recyceln.

1800 EINHEITEN AUF KLEINER FLÄCHE

Ein Anwendungsbeispiel, das derzeit zum Trend im Pharmabereich wird, ist der Stick Pack. **Damit lassen sich etwa flüssige Medikamente, die zur oralen Aufnahme gedacht sind, verpacken.** Für genau dieses Produkt hat nun das spanische Maschinenbauunternehmen **Volpak**, eine Tochter der Coesia-Gruppe, einen Neuzugang im Portfolio: die Enflex-PHS-Reihe.

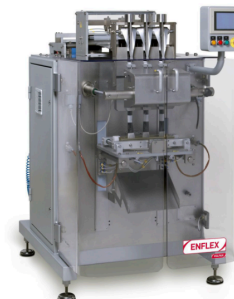


Alle Modelle der Reihe – hier die Enflex PHS 100 – nehmen nur wenig Stellfläche ein. (Bild: Volpak)

Die Maschine ist zur Produktion und Verarbeitung von Ein-Portionen-Stick-Packs gedacht und erreicht dabei eine Kapazität von bis zu **1800 Einheiten pro Minute**. Dabei wird nach Unternehmensangaben **42 Prozent weniger Packmaterial** genutzt als bei vergleichbaren Maschinen. Aufgrund ihrer geringen Stellfläche ist die Enflex-PHS-Reihe außerdem auch für beengte Raumsituationen geeignet.

BEREIT FÜR INDUSTRIE 4.0

Volpak bietet die neue Reihe in mehrspurigen Ausführungen an, sodass unterschiedliche Anforderungen erfüllt werden können. **Formatwechsel können ohne Spezialwerkzeug ausgeführt werden.** Die Gesamtanlageneffektivität liegt laut Unternehmen bei mehr als 95 Prozent.



Die Enflex-PHS-Reihe ist mit dem Coesia-HMI OptiMate ausgestattet. (Bild: Volpak)

Alle Modelle der Reihe sind mit dem Coesia-HMI (Human Machine Interface) OptiMate ausgestattet. Die Software unterstützt die Bedienerinnen und Bediener bei Formatwechseln und Instandhaltung der Maschine und ermöglicht zudem die **vollständige Kontrolle der einzelnen Arbeitsschritte**.

Eine Branche wie die Pharmaindustrie muss auch in Sachen Verpackung stets am Puls der Zeit bleiben. Flexible Verpackungen wie der Stick Pack bringen viele Vorteile für Inverkehrbringer und Anwenderinnen und Anwender gleichermaßen. **Kein Wunder also, dass Maschinenbauer wie Volpak nachziehen.**



May
2023

PRESS REVIEW

MACHINERY | PRIMARY PACKAGING

Live at interpack: Volpak Presents Intermittent Stick Pack Machines

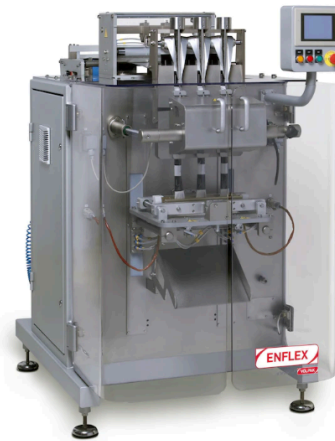
This week at interpack, Volpak is showcasing Enflex PHS Series intermittent stick pack machines designed for the pharmaceutical and healthcare markets.

From — Volpak

May 6, 2023

This content was written and submitted by the supplier. It has only been modified to comply with this publication's space and style.

This week at interpack, Volpak is presenting its intermittent stick pack machines, which come in different models depending on production needs and meets the specific requirements of an industry that is increasingly interested in flexible packaging, especially in the stick-pack format.



The Enflex PHS Series focuses on the production and packaging of single-dose stick-packs to be used within a medical and family environment. This machine offers superior production performance and sustainability, with a reduction of 42% in wrapping material usage compared to units currently on the market. The machine is also equipped with a servomotor-based energy recovery system, allowing for savings on energy costs.

[Volpak's Enflex PHS Series](#) is available in multiple-lane setups and can be configured to meet the customer's specific production needs. The format change operations are also easy on all machines, which makes the Enflex PHS machine ideal for third-party suppliers and contractors as well as pharmaceutical companies. The Enflex PHS Series is consistent with the Industry 4.0 framework, and is equipped with OptiMate, the Coesia Digital HMI, which facilitates the navigation of different menus and simplifies procedures such as ordering spare parts, accessing technical documentation, and generating production reports.

Link: <https://www.packworld.com/machinery/primary-packaging/product/22711172/volpak-live-at-interpack-volpak-presents-intermittent-stick-pack-machines>