

## A revolutionary overwrapper; the Sollas FSX

With the world economy slowly recovering from the financial crisis, every company has become more aware than ever, that they need to be more efficient, faster and cheaper than their competitors.

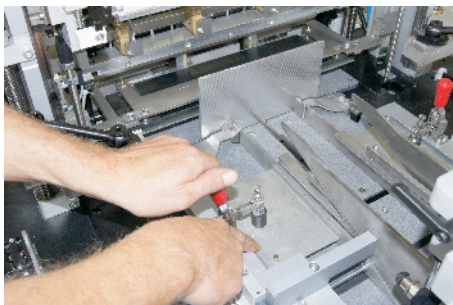
This was also understood by the biggest perfume/cosmetic producer in 2008. They realized that they can only remain the largest in their field if they keep their organization "lean and mean". For this reason they contacted Sollas Holland B.V. with the challenge of developing the most efficient overwrapper to date, in order to achieve a faster and cheaper production.



*The first production model of the Sollas FSX*

### The challenge

The development of the FSX started with the requirement of the customer to have an overwrapper with a change-over time of less than 10 minutes. On this machine they had to overwrap 45 different single products with a maximum output of 80 single products per minute. The new machine should also be able to handle 3-packs.



*Change parts with fixed positions: click and run*

The change parts should have a fixed position and the use of tools for mounting had to be minimized. Furthermore the three dimensional adjustments for a change-over needed to be done automatically and not by hand. Finally this new machine should have a small foot print because it would be placed in an existing line

## The answer: the Sollas FSX

To customers with Sollas SX machines, the visual similarities between their existing equipment and the FSX may seem obvious, but at a closer look it will become clear that the technology used is completely different. The FSX is a high-tech, revolutionary overwrapper that represents a breakthrough in packaging technology.

The FSX is the first fully servo driven overwrapper with a small footprint that combines flexibility with high speed. With the optional servo adjustments, controlled by the product data, stored in the PLC's database, the machine can calculate the required settings by itself and adjust automatically to the appropriate dimensions. Because of the intelligent use of servo technology Sollas has created a machine on which a complete product change-over can be done within 10 minutes.



*Servo motors adjust all components simultaneously*

### Some key features

- Fixed position change parts
- Tool-less change-over
- Large and flexible size range
- Fully servo driven (Siemens), no cams
- Product data menu for storing all product settings
- Automatic machine adjustment with servo motors on linear adjustments (optional)
- Rapid change over, less than 10 minutes with the automatic machine adjustment

### For whom?

The FSX is for everybody who has or wants an automatic production line that can handle various products in different sizes. The FSX is for every company where the existing overwrapper is a bottleneck in the production flow, due to its change-over time and where every minute of downtime is costing money. Also when you do not wish to depend on operators that need to have extensive technical knowledge and are expensive because of this, the FSX is a suitable wrapper for your company. Finally the FSX is meant for companies that realize that through new technologies they can maintain or acquire a leading position in their industry.

Sollas FSX technical specifications, dimensions in millimetres				
Maximum output		60/min	80/min	100/min
Size range	L	40 - 300	40 - 300	40 - 300
	W	20 - 225	20 - 175	20 - 120
	H	16 - 96	16 - 66	16 - 66
Wrapping materials*		PP or coated paper (≥ 20 microns)		
* Depending on product properties.				

