

Fully Automatic Rewinder
– all the way to pallet!

Pivab's fully automatic rewinder offers increased productivity and profitability.

Efficient, profitable production is a priority objective for any production company. Manufacturers of single face corrugated (SFC) are no exception. Whatever the product niche, the aim is always to achieve efficient, uninterrupted production and operation, in which each part of the plant can be optimally utilised.

Conventional rewinders often fail to support any such ambitions. They do not match the single facer's capacity for speed, they limit the size of the finished rolls, they require costly, time-consuming manual handling and they often create a poor working environment where employees have to contend with dust and lift heavy loads.

Our focus has been on eliminating these weaknesses, and we have now developed Pivab's fully automatic rewinder.



“We're with you all the way!”

We help survey and define your rewinding requirements. Using this information, we then suggest a solution based on our system of standard modules. Our undertaking includes delivery, installation, training and help with start-up.

Pivab offers a well-developed organisation, with good geographical coverage for fast, thorough service, support, spare parts stocking, etc.

Fully automatic – all the way to pallet!

Pivab's fully automatic rewinder has been developed to help enhance the efficiency of your production. Either of the two principal models with their associated optional programmes can always be integrated into your existing or planned production line for SFC, regardless of demands on roll dimensions, numbers out and production capacity.

One of the most obvious advantages of Pivab's fully automatic rewinder is the high production speed that can be achieved by means of fully automatic reel changes during operation, along with the rapid, simple transition between production batches. Pivab's fully automatic rewinder also offers a significantly improved working environment, partly thanks to user-friendly software and automated functions that eliminate the manual lifting of heavy loads.

This is how Pivab's fully automatic rewinder works:

Uninterrupted operation during reel change.

Pivab's fully automatic rewinder offers automatic reel change without stopping the corrugated web. The process includes cutting, taping and ejection of the finished roll. At the same time a new roll is started. On models SFC 1833/2533 the finished rolls are ejected onto an unloading table ready for removal. On models SFC 1883/2583 a conveyor belt transports the reels either to an upender (optional) or onward to the customer's transport system.

High accessibility.

Short idle time when changing production batch settings. Fast and simple start-up after stopping. Minimised operator involvement.

Higher production speed.

Matches the production speed of most modern single facers. For example, 75-metre rolls can be rewound at an average web speed of 200 m/min.



SFC 2583

High quality cutting and rewinding.

Slitting knives with automatic sharpening at customer defined intervals.
The space between slitting knives is easily adjusted. Regulated web tension control, integrated with the rewinder, ensures top-quality finished rolls.

Capacity for most single face qualities and dimensions.

Pivab's rewinders are suitable both for large rolls (e.g. single face for laminating) and small rolls (e.g. single face for wrapping). Longitudinal cutting of a large number of slits with roll widths down to 80 mm.



Automatic labelling (Optional).

Pivab's rewinder can be fitted with a label printer for labelling finished rolls. The labels are applied automatically. The user decides on the layout and content of the labels.

User-friendly software.

The machine is operated from a control panel. The operator can set parameters such as roll length, speed, label text (optional), etc. Frequently used production settings can be stored and easily recalled at the press of a button.

With or without cores.

Pivab's unique design enables rewinding without cores, which saves both time and money. Rewinding can, of course, be done with cores if required. The selection is easily carried out from the control panel without any need for mechanical re-adjustments.

Lifting table – Conveyor belt (SFC 1883 and 2583 only).

After the finished roll has been sealed, a lifting table is raised, which relieves strain on the rewinding shaft. An arm then ejects the roll from the shaft onto a conveyor belt.

Improved working environment.

Manual lifting of heavy loads are eliminated which reduces the risk for injuries and strain. Razorblade slitting knives means virtually no paper dust in the working area.



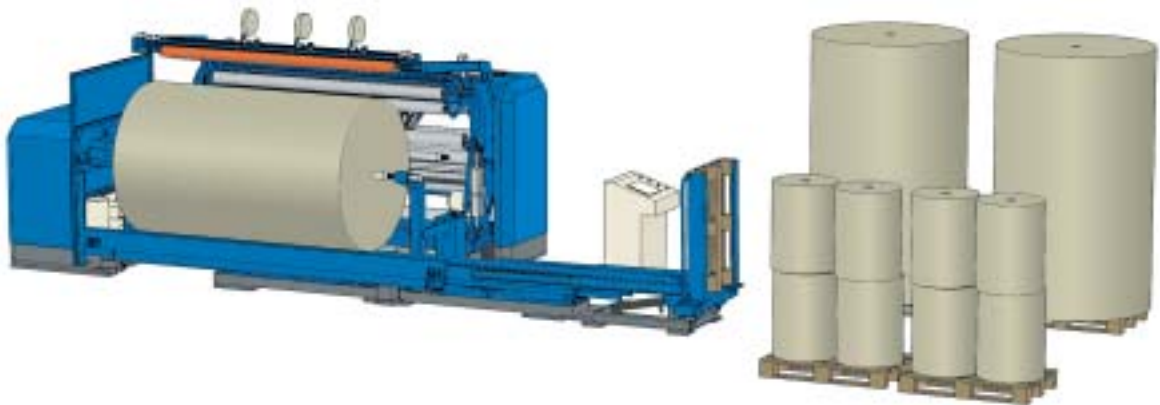
Upender. (Optional on SFC 1883 and 2583).

The rewinder can be equipped with an optional automatic upender which raises the finished roll onto a pallet.

Pivab's fully automatic rewinder for SFC – covers every requirement and application!

Pivab's fully automatic rewinder is available in two main models, the SFC 2583 and the SFC 2533. The two models provide the same general economical, operational and user-friendly advantages, but are specially adapted in performance and capacity to different areas of application. These models and their associated options cover most requirements within modern production of SFC. We are always able to offer a fully automatic rewinder tailored to your application and your requirements.

The SFC 2583 is primarily intended for large, heavy rolls (e.g. for lamination). It can of course also handle small, light rolls. This model is equipped with a lifting table and conveyor belt. It can also be equipped with an optional upender. For smaller web widths (max. 1800 mm) and where space is limited, the SFC 1883 is available.



The SFC 2533 is optimised for fast production of smaller, lighter rolls of single face corrugated. The SFC 2533 comes with a loading table onto which the finished rolls are ejected. For smaller web widths (max. 1800 mm) and where space is limited, the SFC 1833 is available.



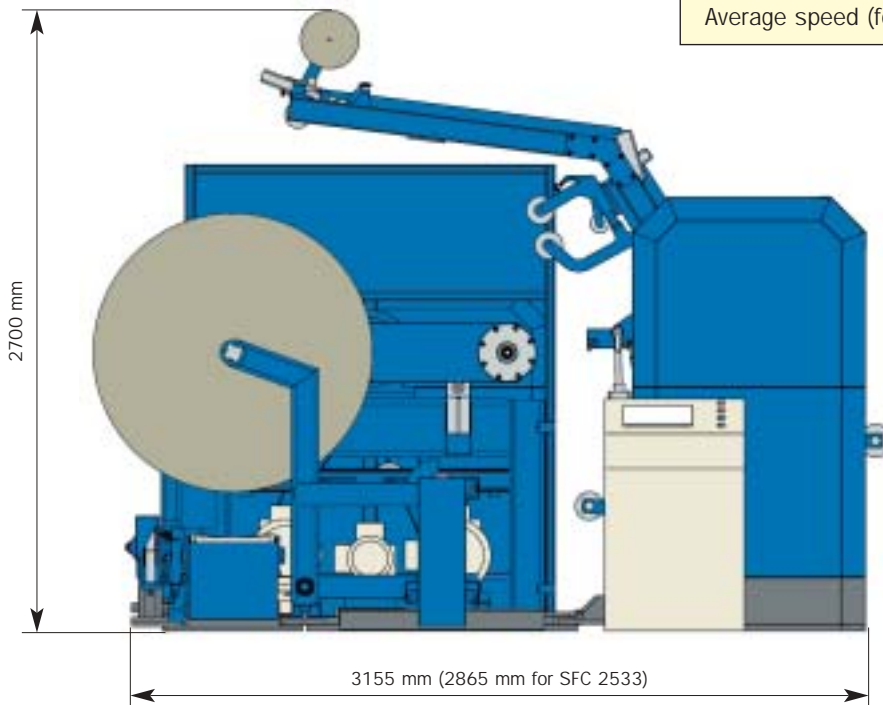
PIVAB's fully automatic rewinder

Model name	Max roll width	Max roll diameter	Max roll weight
SFC 2583	2500 mm	1500 mm	1000 kg
SFC 1883	1800 mm	1500 mm	1000 kg
SFC 2533	2500 mm	800 mm	100 kg
SFC 1833	1800 mm	800 mm	150 kg

Model name	Basic versions	Options
SFC 2583	<ul style="list-style-type: none"> • 3 "Razorblade" slitting knives • 4 tape units • 76 mm rewinding shafts • Lifting table with conveyor belt 	<ul style="list-style-type: none"> • Label printer • Additional slitting knives and tape units • Automatic slitting knife positioning • Scoring knives – fixed position • Scoring knives – adjustable position • Rewinding shafts of different diameter • Upender (only available for SFC 2583 and SFC 1883) • Tubes and nozzles for surplus edge trim extrusion
SFC 1883		
SFC 2533	<ul style="list-style-type: none"> • 3 "Razorblade" slitting knives • 4 tape units • 76 mm rewinding shafts • Unloading table 	
SFC 1833		

Rewinding speed

Max. speed	350 m/min
Average speed (for 75 m roll length)	200 m/min



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