

## Seam- K3 Plus



**KARLVILLE**

Our K3 PLUS model is our 3rd generation seamer of its kind. This stand alone machine operates at 500 meter per minute and forms the sleeves via an adjustable forming section. The machine is available in 300mm lay-flat model. The new technology eliminates the forming tool for folding and adds a third tension zone which leads to a long list of advantages.

Ideal for converters looking for maximizing innovation by allowing integration of any type of device in 1st tension zone, ease of use driven by machine's ability to reduce operator's intervention and no complex tooling for narrow lay flats.

This new machine promises to revolutionize the way shrink sleeves are converted.

### Machine Specifications

Description	Spec
Machine Speed	5-500 m/min
Rewind Width	40-350 mm
Rewind Diameter	700 mm (MAX)
Unwind Width	720 mm (MAX)
Unwind Diameter	800 mm (MAX)
Minimum Lay flat Width	40 mm
Core diameter	3"(76mm) - Air Chucks 5",6" & 10" Option
Lay Flat Tolerance	0.25 mm
Vertical Perforation Option	Unwind

## Main Advantages

- No forming fingers = no friction = less ink and film wear
- Fastest set-up in the industry
- Auto-correct feedback loop, recipes
- Additional nip = better tension control
- Unwind independent tension zone
- Seam as close as 5mm from the edge of the film
- Narrow web labels without tooling
- No wear parts on forming system

## Unwind Section

- Nip roller before the forming section
- Isolated tensions in the unwind section:
  - pin holes,
  - mechanical perforation,
  - laser perforation

## Options for Upgrade

- Quality Control System integrated with labeler
- Non Stop Laser Integration

## Needle Positioning – Secondary Edge Guide

- Available for more than 5 years.
- Needle needs to adjust to the edge of the film.
- Avoid blocking issues and raised lips.

## Automatic Friction-Free Lay Flat System

- The ink layer is isolated from the process
- Easy to place the seam 5mm from the side
- No adjustments of the forming section over time: the side plates are flat on a table
- High Quality Lay Flat and Patent Pending

## The Third Generation Seamer sets-up

- Lay flat entered by operator
- Plates move automatically
- Film set-up/folding
- Auto Lay Flat Correction
- 5-10 min set-up - 10m of waste or less per set-up

## Layout

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