

Innoket RF



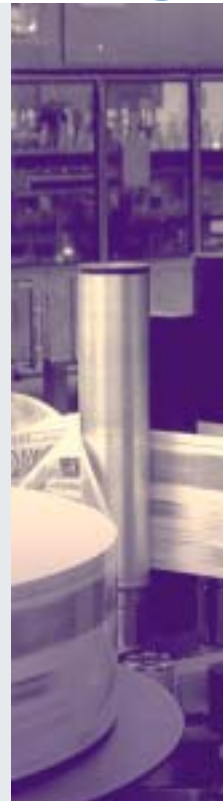
Roll-fed Labeling –
All-Around Perfection

Roll-fed –

**Wrap-around Labeling for Round and Contour Containers.
Glass, Plastic, and Aluminum.**



■ Roll-fed –		
Wrap-around Labeling for Round and Contour Containers		
Glass, Plastic, and Aluminum		2
■ Roll-fed –		
Wrap-around Labeling to Perfection		4
■ Innoket RFL –		
The “Little” High-capacity Inline Labeler		6
■ Innoket RF 25 –		
Perfect Wrap-around Labeling of Round and Contour Containers		8
■ Innoket RF 35 –		
Even More Performance and Flexibility		12
■ Innoket RF 50 –		
High-capacity Roll-fed Labeling Machine with Even More Application Variability		14



Roll-fed -
Wrap-around Labeling to Perfection



The first impression should remain the best when consumers stand face to face with your bottles on the shelf. Prerequisite is quality labeling and flawless implementation of your marketing concept.

Roll-fed labeling is predestined above all for PET bottles. Modern technology and not a fad that applies rollfed wrap-around labels to bottles. Today with paper labels. Tomorrow with attractive plastic film labels.

Labels are fed to the labeling station from a label roll, are cut, glued, and applied to the bottles by a vacuum drum.

A strip of hotmelt at the beginning. A strip of hotmelt at the end. The bottle rolls into the label.

Wrap-around labels are seated exactly and perfectly.

Bottle for bottle. At outputs of up to 50,000 bph.

This labeling process is particularly elegant for non-refillable plastic bottles. Film on plastic. That fits.

Those who would like to accent their wrap-around labels with further advertising can do so by applying additional coldmelt or adhesive-pressure labels. High flexibility is guaranteed using only one labeling machine.

The roll-fed technique also shows its strengths labeling contour containers. An exactly controlled curve rotation guarantees that each label fits exactly where it is supposed to. Perfectly!

The KHS Innoket roll-fed technology offers you top labeling quality from 1,000 bph to 50,000 bph.

Roll-fed – to keep you ahead of the competition.



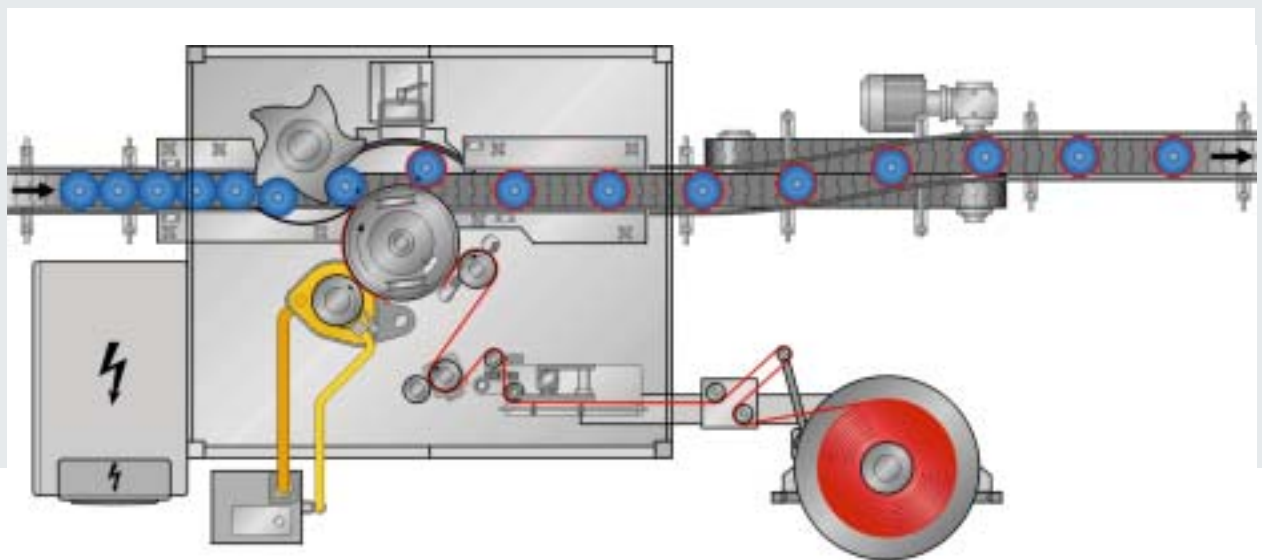
Innokit RFL – The “Little” High-Capacity Inline Labeler



- Perfect application of wrap-around labels to all cylindrical containers.
At up to 12,000 containers/h.
Ideal for the medium and entry capacity range.

- Exceptionally compact design.
Quick and easy changeover.

- Space-saving!
Integrable into all existing lines.
- Labels are roll-fed to the machine, cut to length, glue is applied to the leading and trailing ends, and then applied.
Reliably exact label positioning.



■ It labels cans just as perfectly as cylindrical containers made of glass or plastic.

Great flexibility thanks to a wide range of applications.

■ Hotmelt application of paper and plastic labels.

You decide how your products will look.

■ Trouble-free changeover to other styles of label, container types and sizes.

High machine availability and efficiency.

Technical data:

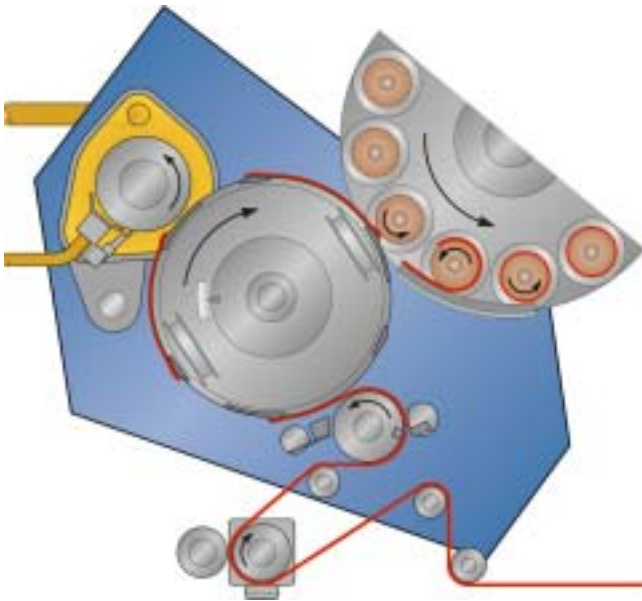
Machine type	Innocket RFL
Capacity	12,000 containers/h
Processable container diameters	40–130 mm
Processable container heights	110–350 mm
Label lengths	150–425 mm



Innocket RFL

Innokit RF 25 –

Perfect Wrap-around Labeling of Round and Contour Containers



How does the Innokit RF work?

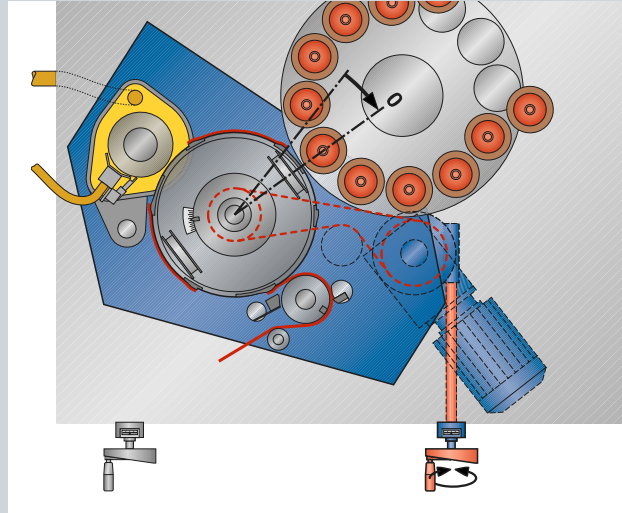
The label web runs from a roll over a controlled feed mechanism to the labeling station where it is cut exactly to length according to markings on the web. Monitored by a control sensor.

The cut labels are transferred to the vacuum drum, hotmelt is applied to the leading and trailing edges at the gluing unit, and then transferred to the rotating containers where the overlapping ends are stuck together.

Only a vacuum is used to hold the labels in place on the cutter and transfer drum during the labeling process.



- With an output capacity 25,000 bottles per hour, it is the smallest high-performance roll-fed labeler.
Great application flexibility with high output performance.
- Compact, sturdy design.
Space-saving; integrable in any line; long service life and high availability; excellent cost-performance ratio.
- Rotary machine design with only a few bottle guide parts for round and contour containers.
Prerequisite for short changeover.



- Simple station adjustment with overriding gear without tools.
Significantly simplified operating; reduced setup time.

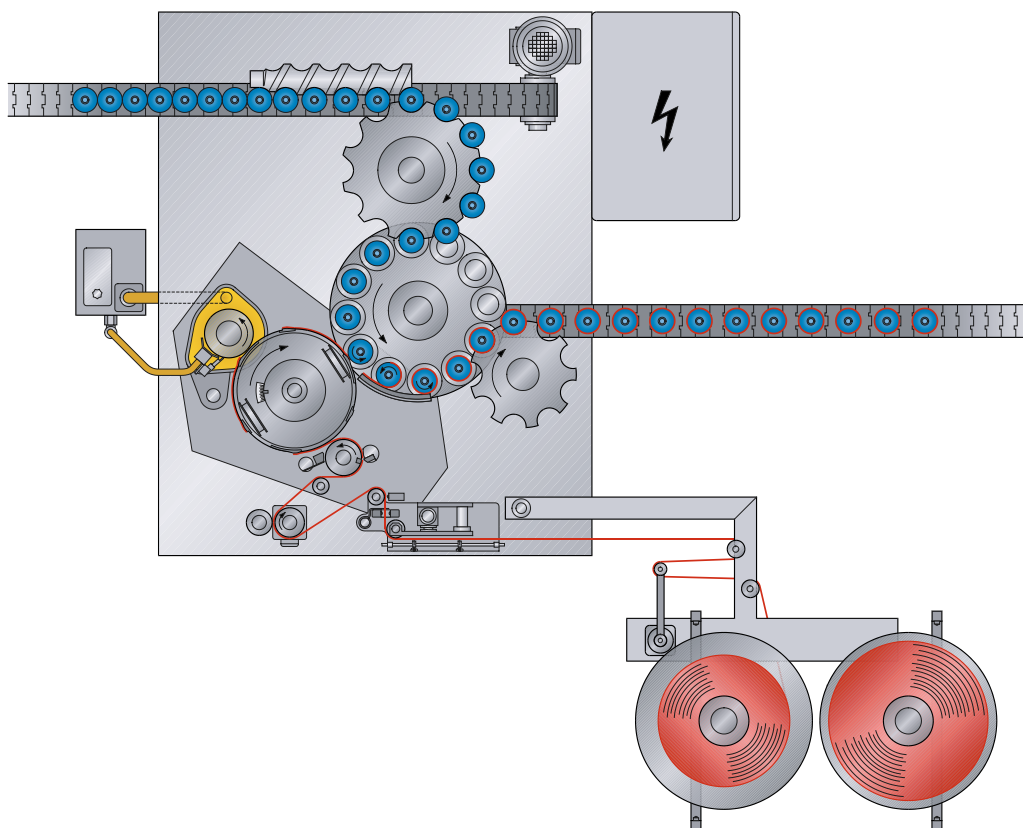


Innokit RF 25 –

Perfect Wrap-around Labeling of Round and Contour Containers



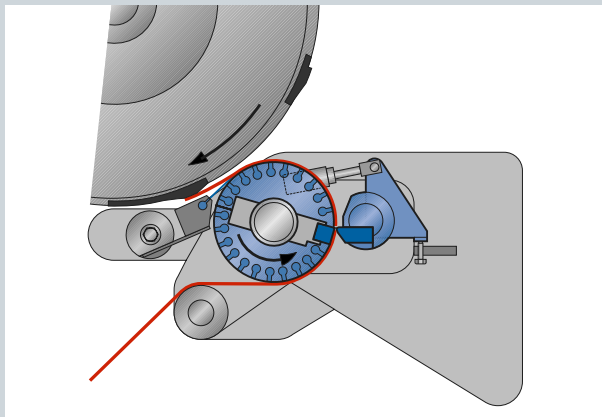
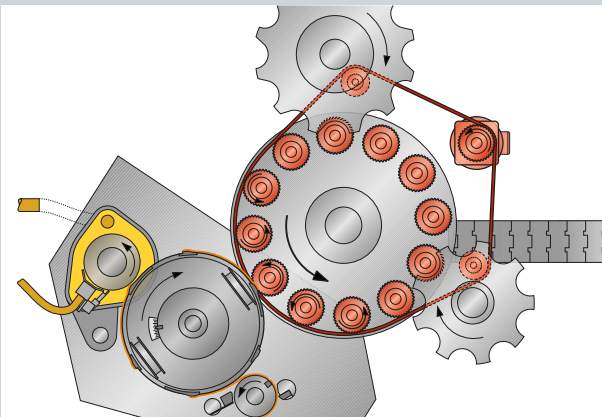
- Single or double reel holder.
High-performance based on virtually continuous operation.
- Only one labeling station for all capacity ranges.
Less operator effort, less time required for setup.
- Vacuum transfer system free of mechanical grippers.
Cost-cutting long service life.
- Control cabinet integrated in the machine housing.
Space-saving design.
- "Glueless" for refillable PET.
Roll-fed solution for refillables.





- Automatic label web tracking for permanent control of the set label travel.
Guarantees absolutely consistent application heights.
- Automatic label length control and optimized label guide parts.
Large processing window even for varying grades of material.

- Bottle turrets rotated by servomotor-driven belts.
Programmable rotation for various container diameters; no change parts; no setup time.
- New-generation cutter with replaceable shells.
Loss-free vacuum setting. No compromises at higher machine output speeds.
- Vacuum drum equipped with replaceable application pads for easy in-situ pad replacement.
Improved, faster machine availability and longer intervals between servicing.



Technical data:

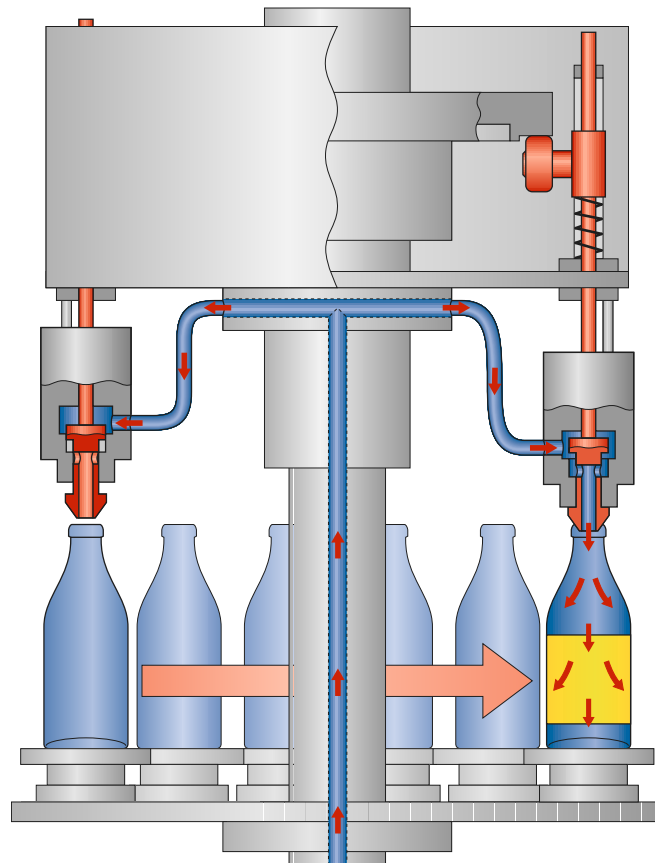
Machine type	Innoket RF 25
Capacity	Up to 25,000 containers/h
Nominal pitches	120/180 mm
Pitch circle	460 mm
Lower chucks	12/8
Processable container diameters	50–120 mm
Processable container heights	110–350 mm

Innoket RF 35 –

Even More Performance and Flexibility



- Equipped with all of the technical advantages of the roll-fed technology but with even higher performance. **Functional roll-fed labeling at up to 30,000 containers/h.**
- Perfect wrap-around labeling of virtually all plastic, glass, or metal containers regardless of shape. **High-flexibility use for variable product ranges. Suitable for the food, pharmaceutical, chemical, and other industries as well as the beverage sector.**
- Pneumatic empty bottle stabilization by means of special centering bells and sterile air filling. **Reliable, perfect label positioning even on empty, soft PET bottles.**



■ Capable of processing practically all labeling materials regardless if polypropylene, polyethylene, polystyrol, or paper.

More freedom in choosing container dressings.

■ Automatic centering hood height adjustment.

Push-of-a-button height adjustment.

Fast product changeover; reduced setup time; greater machine efficiency.



■ Optional VarioDrive – a bottle turret system for programmable rotation according to various container shapes.

Providing you greater flexibility in the design of your product dressings.

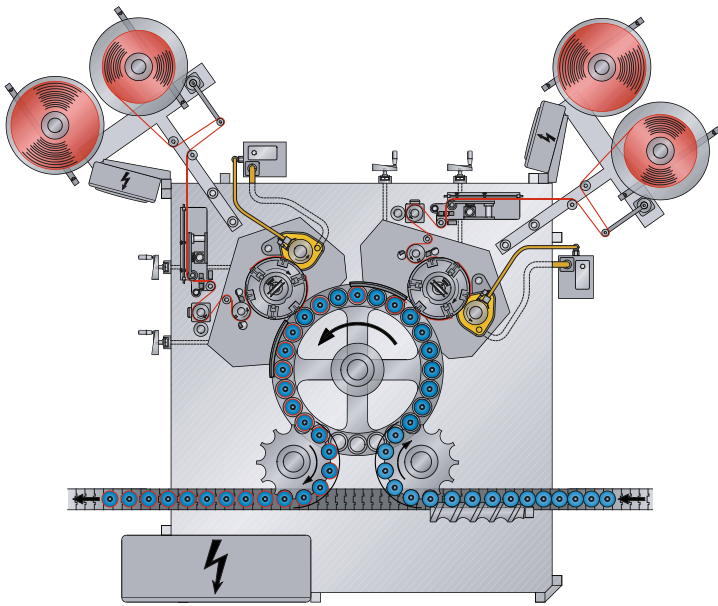
Virtually anything is possible!

Technical data:

Machine type	Innoket RF 35
Capacity	30,000 containers/h
Nominal pitches	120/145/180 mm
Pitch circle	708 mm
Lower chucks	18/15/12
Processable container diameters	40–130 mm
Processable container heights	110–350 mm

Innokit RF 50 –

High-capacity Roll-fed Labeling Machine with Even More Application Variability



- Higher labeling performance based on the further developed KHS RF technology.
Perfect roll-fed labeling at up to 50,000 containers/h.

- Two alternating labeling units.
Able to apply one type of label as well as various types of label.
Maximum efficiency and machine utilization for roll-fed labeling.
- Automatic centering hood height adjustment and program preselection for all styles of container.
Fast product changeover and reduced setup time.
- Operating and parameter selection directly at each labeling station.
Explicit station assignments and reliable operating.



- Automatic reel clamping.
Greatly simplified and time-saving reel changing.

- Able to process various types of labeling material such as OPP, PS, PE, and paper rolls.
Flexibility in choosing materials and container dressings.



- Optional VarioDrive – a bottle turret system for programmable rotation according to various container shapes.

Providing you greater flexibility in the design of your product dressings.

Virtually anything is possible!

Technical data:

Machine type	Innoket RF 50
Capacity	50,000 containers/h
Nominal pitches	120/145/180 mm
Pitch circle	944 mm
Lower chucks	24/20/16
Processable container diameters	40–130 mm
Processable container heights	110–350 mm

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