

Options

Stand alone or network

Linerfree® can be coupled with an existing Ethernet network. Through this, machines on more lines can be operated centrally from one PC. Alternatively, Linerfree® is delivered with MCL which makes the machine intelligent and capable of handling input from a scanner, keyboard, weight, or other serial unit.

Dynamic weighing

Linerfree® is perfect for dynamic weighing as it can handle input directly from weights. For example, it is possible to print a sum label and collect data in a database for evaluation later on.

Development areas

The Linerfree® concept is continuously being developed, for instance within retail labelling.

Technical specifications

Available in left and right hand execution

Print speed	Variable 50 – 203 mm/sec.
Dispense speed	Variable up to 25 m/min. Option up to 50 m/min.
Resolution	203 dpi / 300 dpi

Labels

Label width	50 mm, 75 mm, 100 mm
Label length	up to 514 mm
Label type	self-adhesive coated thermal paper without liner
Label reel	500 m paper as standard, up to 1,000 m paper, core diameter 76 mm

References

HM's carefully tested Linerfree® programme undertakes labelling tasks with the following companies:



These are companies that have a common objective to achieve the greatest possible care for the environment.



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HM is an innovative customer oriented company which develops, produces, markets and services a complete product programme and also customer specific system solutions within Labelling to the home market as well as export.



H M[®]
LABELLING

Linerfree[®] Labeller

Labelling without using a liner

The newly developed Linerfree[®] programme is capable of handling self-adhesive labelling paper using no liner at all. This revolutionary concept has huge advantages...

Companies can save tons of waste from the liner annually



Linerfree[®]:

Saves our environment from silicone waste

Minimises roll changes and production breaks (60% more paper)

Is efficient and reliable

Avoids having to deal with waste



Top labelling (Tulip Food Company)
Linerfree® Labeller



Side labelling (Skagerak Fiskeeksport)
Linerfree® Labeller

Why the Linerfree® concept is revolutionary

Traditionally, self-adhesive labels stick to a liner until they are applied to a product. Linerfree® Labeller is different because it is a labelling system which is developed to handle labels that come in rolls with no layers of liner in between. The labelling system has a special stick-free surface and construction which allows the adhesive of the paper to be effective only on the product, and not during handling.

About the labelling paper of Linerfree® Labeller

Having liner free labelling paper has many advantages:

- There is 60% more paper on the same roll diameter as with traditional rolls
- It is delivered in endless lines up to 1,000 meters
- No preprints or pre-cuts of labels are required (neutral)
- All kinds of label lengths can be created from the same roll of paper
- No waste
- It is available in neutral or 4 colour prints
- The adhesive has identical specifications as ordinary self-adhesive material
- Resistant to water due to special coating

Less handling, less cost, and better for the environment

Illustration of the paper's qualities in the machine

The picture on the left shows the labelling paper in a long line

The picture on the right shows a label that is ready for application after a print and cut

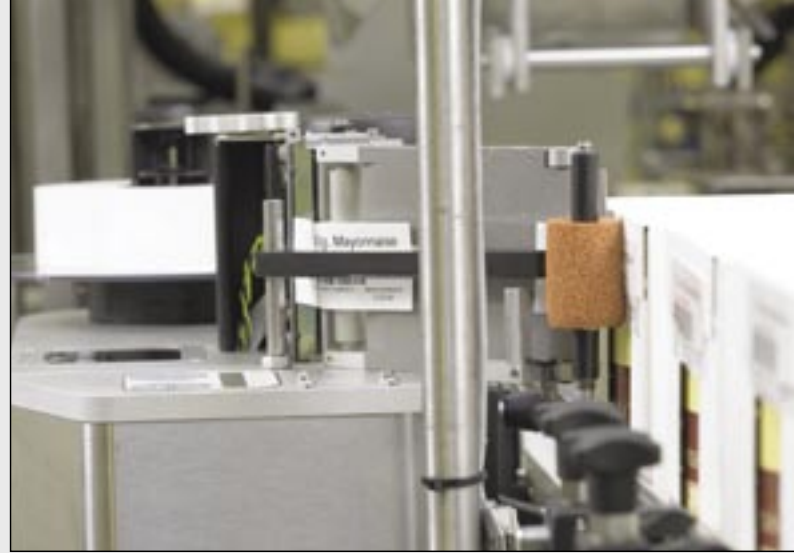


Choose Linerfree® because...

You care about the **environment**
You want to improve **earnings**
You demand **reliability**



One-to-one labelling in packing machine (Tulip Food Company)
Linerfree® Labeller



Side labelling (Graasten Salater)
Linerfree® Labeller

Places where Linerfree® Labeller is particularly suitable

- In the food industry
- For carton and pallet labelling
- Where regard for the environment is important

Application modules

Linerfree® Labeller adapts to any production by means of modules. Labels can be applied on the top, side, bottom and around corners.

Linerfree® dispenser

The label is lead to the product on a stick-free surface

The dispense speed is variable, up to 25 m/min.

Use:

Top, side, bottom and corner labelling. For moving products



Linerfree® dispenser

Linerfree® adapter:

Arm fetches the label just after it is printed

The label adheres to the arm while it takes it to the product

Use:

Top, side, bottom labelling. Solution adapted to narrow spaces



Linerfree® adapter

Linerfree® table model

The label is taken off manually and thereafter a new one is printed

Use:

Manual and half automatic labelling



Linerfree® table model

Choose Linerfree® because...

It is **flexible**

It is **future secured**

It is **providing value**