

# SPITZE

## CARTON FORMER F104



# Hygienic, flexible and ergonomic design!

Through the new type of design it is possible to combine good hygiene and ergonomics with outstanding flexibility.

The open design makes it simple to keep the machine clean and perform service tasks.

There are four stations on the machine, three of which can be used for forming. This allows for the forming of more complex types of packaging, which previously has called for the use of special equipment.

All stations are placed at an ergonomically correct height.



The machine is made of stainless steel. All drives and electrical parts are placed above the working area.

To ensure optimal functionality and performance the machine is equipped with the latest in servo technology, combined with carefully selected mechanical and electrical components.

The blank is held by suction cups through the entire process, from magazine to outfeed, which makes the machine run safely.

The machine uses an indexing carousel, which results in unmatched flexibility together with a very large size range.

Even with the small footprint, the machine is capable of forming really large cartons.

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All settings when changing the size are performed from the colour touch-screen.

All settings are stored, and easy to adjust.

The operating panel can be swiveled around the machine to be placed where it is needed.

There are also functions for viewing machine status, number of items processed and an alarm list, together with many other useful functions.

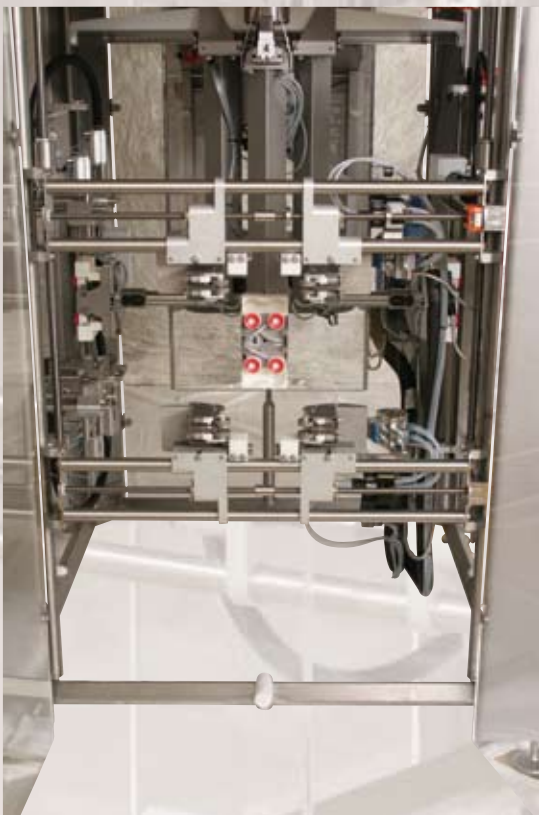




The positive drive magazine is placed at an ideal height, which makes it easy to fill up with new blanks.

The blanks are standing vertical for optimal performance and accuracy.

When changing size you adjust the magazine from the operating panel, and the digital indicators give you an easy and accurate size change.



## Hygienic:

- Clean and open design
- Made of stainless steel
- Easy access for cleaning
- All drives placed on top
- Electric cabinet and other electrical parts placed above the working area
- No lubrication needed

## Flexible:

- Large size range
- Up to three forming stations
- Can be configured for many different types of cartons
- Can handle both carton board and corrugated board

## Ergonomic:

- Easy access to all sides
- Magazine, forming stations and outfeed placed at ergonomic height
- All size adjustments performed from the operating panel
- Quick change over time
- Movable operating panel

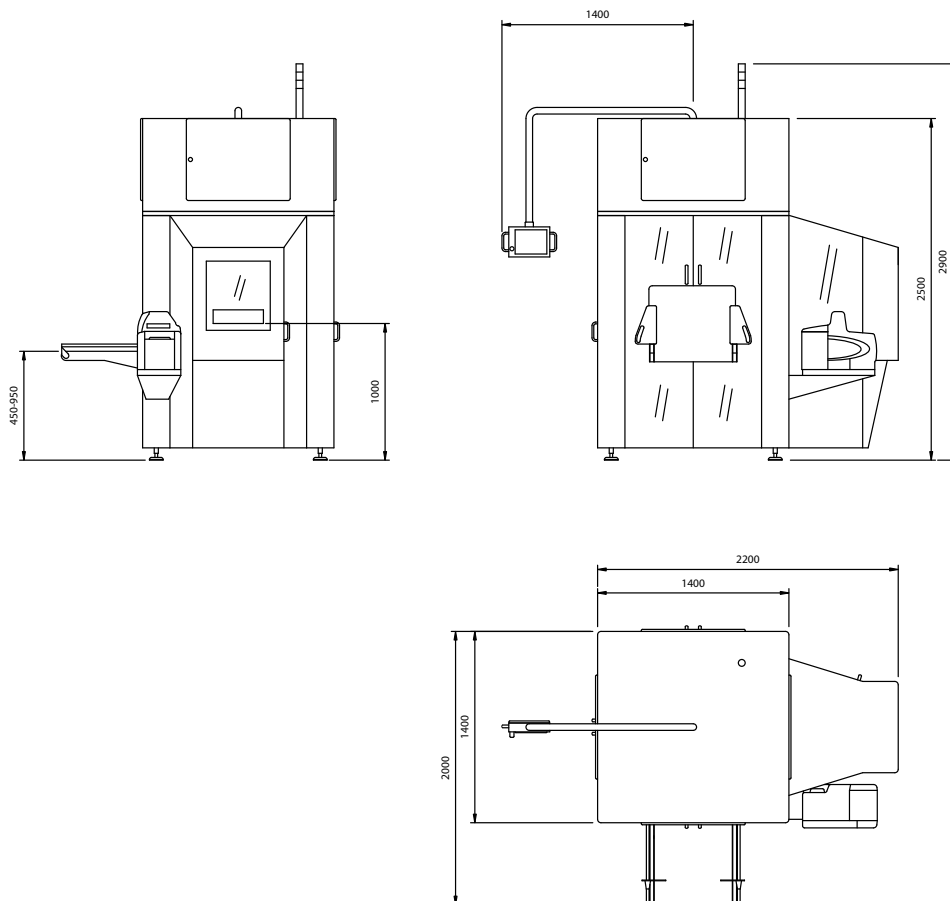
The design of the adjustable tooling allows for a wide size range.

The tooling is designed for soft and gentle forming of the blank.

All size settings are made from the operating panel, and the digital indicators allow for easy and accurate change of size.

The cartons leave the machine at an ergonomically correct height, without declining conveyors.





**Blank size:**

Up to 850x700 mm

**Carton size:**

L 100–600 mm  
W 70–400 mm  
H 20–150 mm

**Speed:**

up to 50 cpm depending on style and size

**Magazine height:**

450–950 mm

**Magazine length:** 600 mm

**Outfeed height:** 1000 mm

**Weight:** 1200 kg

**Electric:** 400V, 50Hz 3-phase, N+PE

**Air:** 6 Bar, 5-15 NI/carton

**Standard features:**

- 2 year warranty.
- Adjustable tooling
- Software for up to 25 different sizes/types.
- Nordson hot melt system
- No lubrication needed
- 200 mm colour touch-screen
- Positive drive for magazine
- Beacon
- In line filters for hot melt
- Low level glue alarm
- Set back for glue
- Timer for glue
- Counter
- Telephone modem
- Quick and accurate size change
- Position indicators on all mechanical adjustments
- All adjustments for size change are motorized
- Anti-stick pressure wheels
- Queue control

**Optional features:**

- Fully automatic size change (except plungers)
- Extended magazine (1000 mm)

PAT PENDING

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