






## BREAD CUTTING AND PACKAGING LINE

Semi automatic line



# **EFFICIENT AND COMPACT LINE FOR CUTTING AND PACKING DIFFERENT TYPES OF BREAD**

# COMPACT DESIGN

SPACE SAVING

CUTTER WITH BAND KNIVES



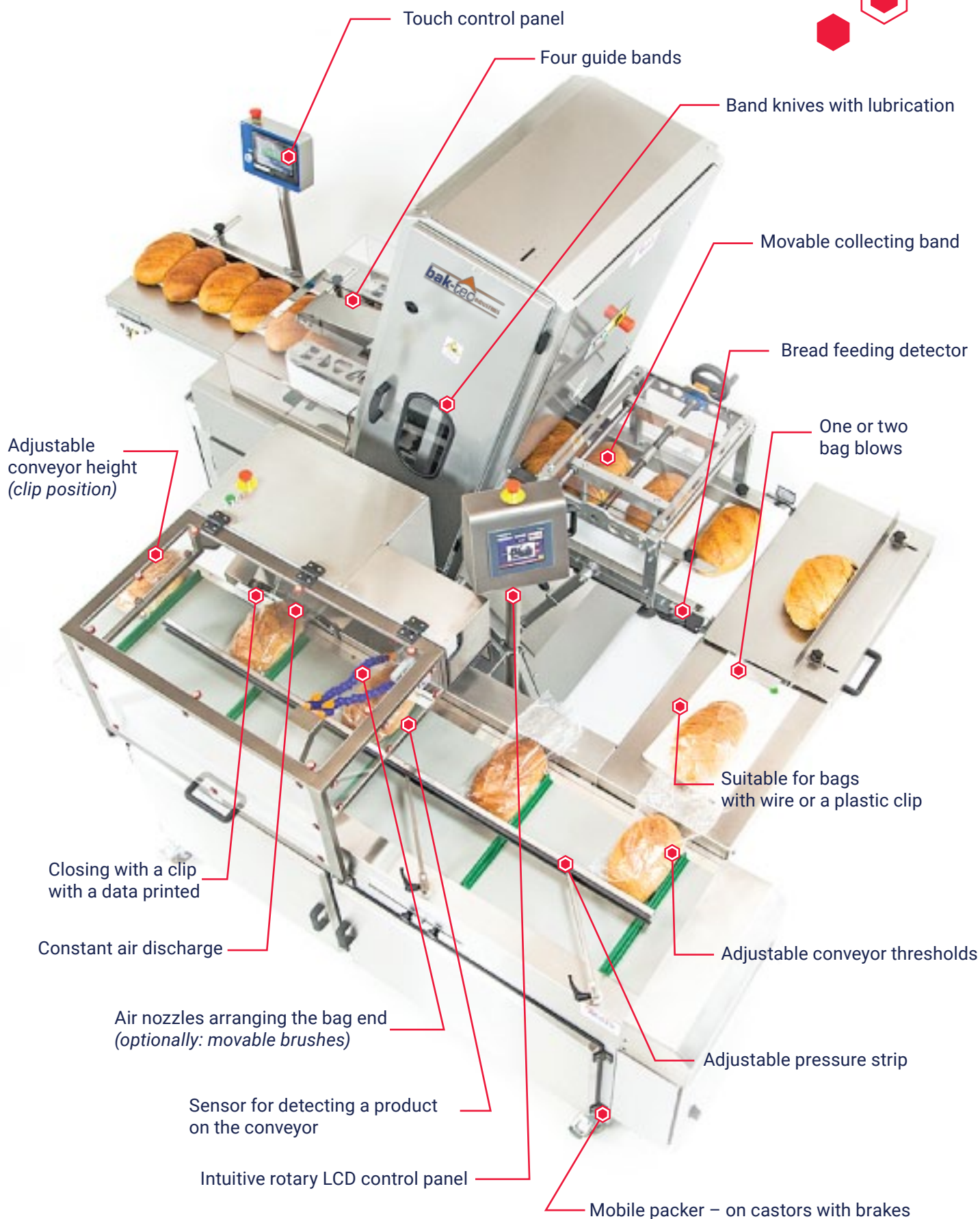
**AUTOMATIC PACKING STATION SPA-3000**

An optional rotary table – a storage of a packed product



# Key functions

## all as a standard



# CUTTER WITH BAND KNIVES

## Maximum capacity

The capacity of 2500 bread loaves 0.6 kg each per hour, depending on the type of bread, baking and cooling degree. It is designed as a standard for a 11 mm thick slice of bread. With the knife guided in a proper way, constant slice width can be maintained.

The machine is equipped with 167' long band knives of a long service life, which are easy to replace. It has been designed

for connection with the automatic packing station **SPA-3000**. Products are fed with the top, bottom and side bands, whose speed is adjusted directly from the LCD panel using an inverter.

By default, the cutter features synchronisation of bread loaf collection, one by one, up to the packing line (*detector at the outlet*).

up to  
**2500**  
loaves/h



# Characteristics

- For every type of bread.
- 4 guide bands: 2 side, 1 top and 1 bottom as a standard for effective bread cutting.
- Knife lubricating system with nozzles as a standard. Lubricating force adjustable directly from the LCD panel.
- Maximum length of a cut bread: 400 mm.
- Manual feeding of a product onto the conveyor (*possible synchronisation with the conveyor*).
- 11 mm knife span – by default (*another on request*).
- Band knife drum with adjustable tension. Easy knife replacement.
- Band knife guide made of hardened metal to a specific bread slice thickness.
- Light sensor at the bread outlet of the machine.
- Broken knife sensor – machine stop.



## TECHNICAL DATA

**Drive power:** 4,18 kW, inverter controlled  
**Dimensions:** 876 x 2090 x 2000 H [mm]  
**Weight:** 770 kg  
**Connection:** 3 x 400 V – 50/60 Hz  
**Control voltage:** 24/12 Volt



# AUTOMATIC PACKING STATION

## SPA-3000

For closing foil bags with a packed product. A product is put manually in a pre-blown bag and placed on a transverse feeding band. In further steps, excess air is removed from the bag which is then closed with a wire clip. The ready product closed in this way may be taken off manually or collected on the rotary table.



- Detector recognising a product (manual or automatic operation) and a blank field (saving on clipping band).
- Adjustable blowing fan power at bag blow.
- Air nozzles arranging a bag and initially removing excessive air.
- Vacuum function – possible extension of the release time.
- Lifted and lowered feeding table, positioning a clip for bread loaves.
- Shift work counter, total counter.
- Automatic machine turn off in case of no 'work' performed – power saving.
- Programming a set number of bread loaves for packing.
- LCD control, touch panel, alarms displayed on the control panel.
- Protection of the clipping zone with a transparent cover.
- Housings made of high quality stainless steel AISI 304.

## TECHNICAL DATA

### PACKING SCOPE

*(product dimensions)*

**Width:** 100 – 250 mm

**Length:** 140 – 420 mm

**Height:** 50 – 160 mm

**Capacity:** up to 45 packages/min  
*(depending on the product and bag)*

### OUTER DIMENSIONS

*(model with one blowing table)*

**Width with blow:** 1435 mm

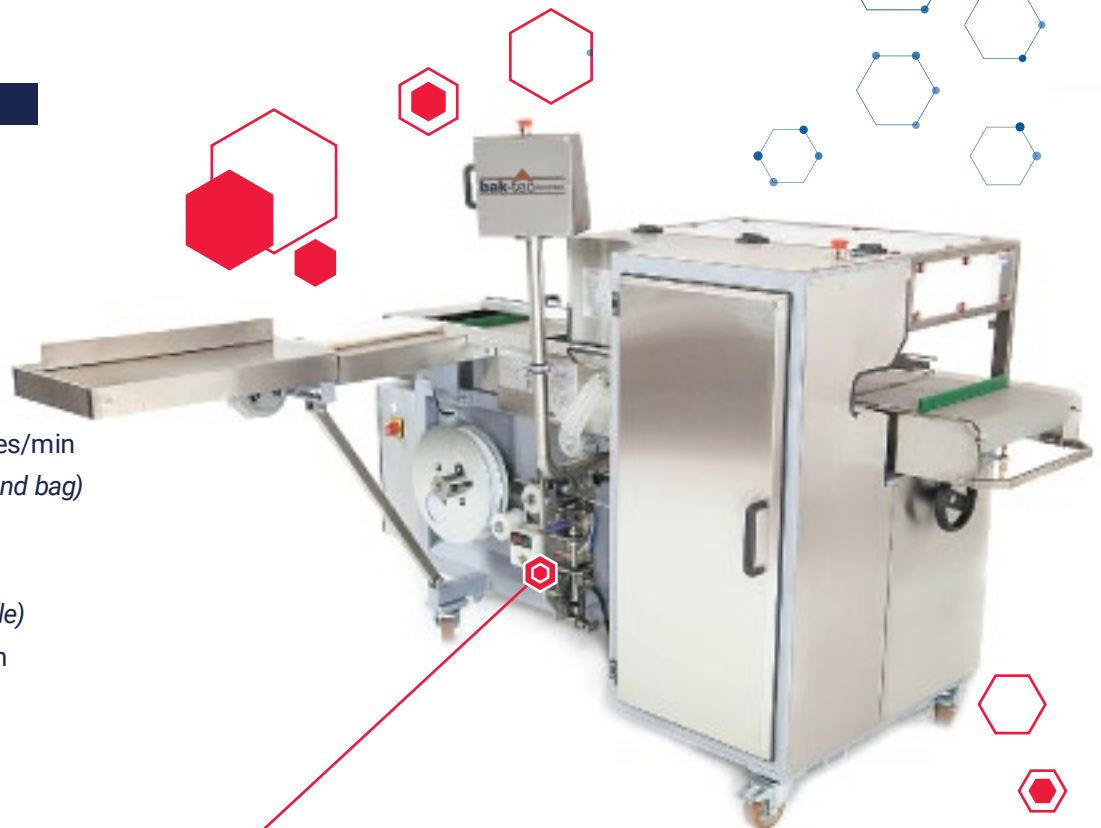
**Length:** 2150 mm

**Height:** 1210 mm

**Weight:** 340 kg

**Electric power:** 1 KW

**Voltage:** 400 Volt, 50 Hz



Professional printer with a rotary drum

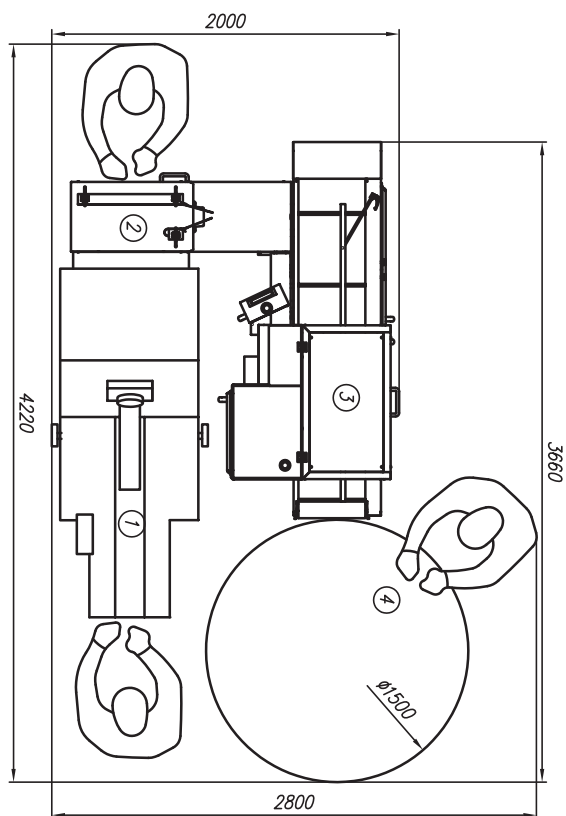


Clipping zone

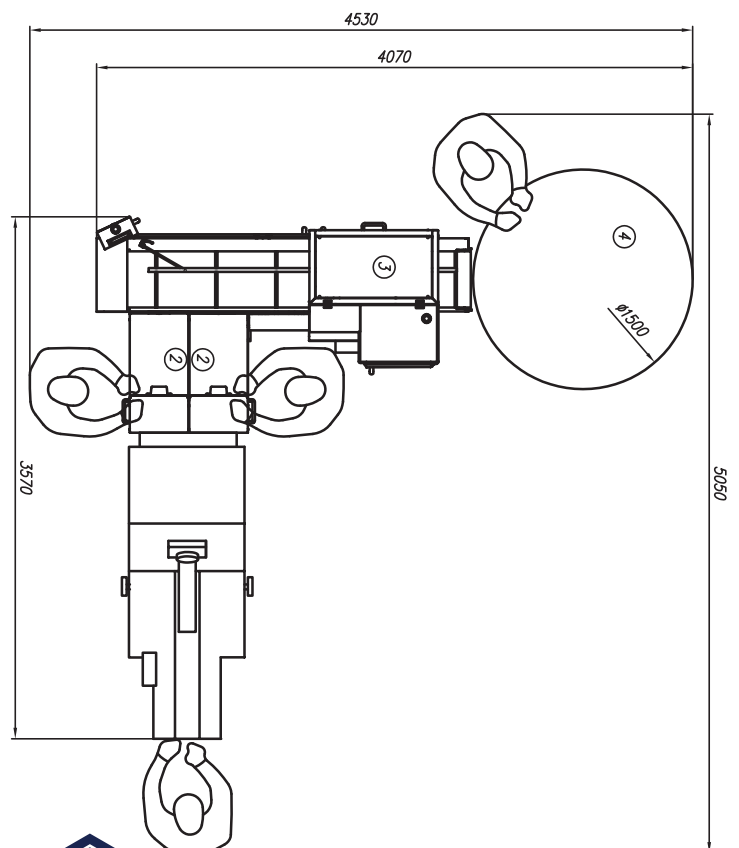




## ESTIMATED WORKSPACE



**CONFIGURATION WITH ONE  
BLOWING TABLE**



**CONFIGURATION WITH TWO  
BLOWING TABLES**



Four movable bread guide bands



Movable collecting band with a feeding sensor



Line version with one or two blowing tables



**FULL  
EQUIPMENT  
AS A STANDARD**





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