

# Loafmaster 50

*Fully automatic bagging and clipping machine for sliced bread or whole loaves*

Powerful automatic packaging machine with integrated clipband closing device, suitable for non-sliced or sliced, whole or half loaf bagging. Loafmaster packaging machine combines the latest advances in automatisisation technology.



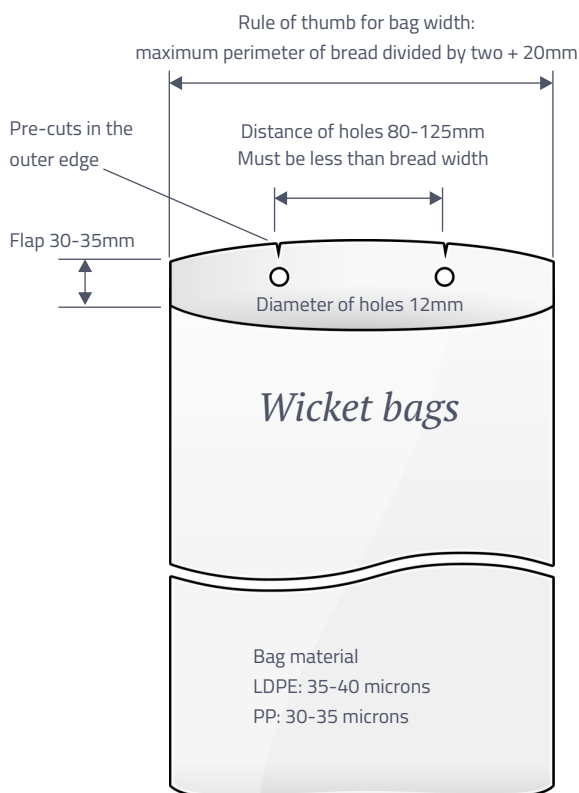
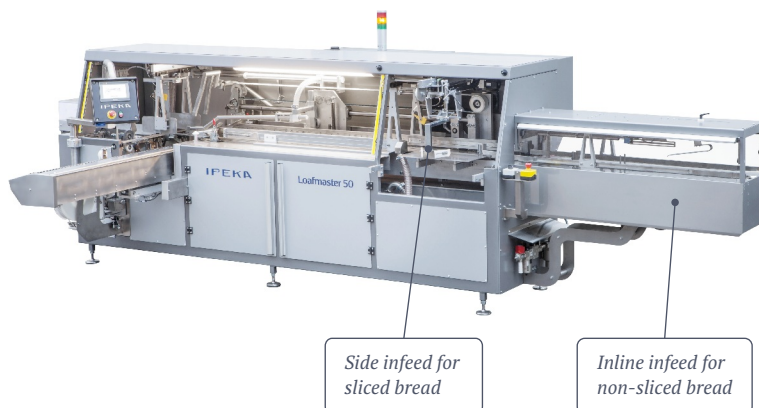
## Key features

- Side infeed for sliced bread, inline infeed for whole loaves
- Fully servo controlled drive (Yaskawa)
- Absolute sensors - no need for reference runs
- Latest bus technology applied for the controls
- Safety ensured with light curtain system - no tricky doors
- Automatic adjustments and product settings memory
- Slice falling prevented with a special blow system
- Perfect combination with Ipeka Masterslicer

## Optional features

- Marking unit for date printing into clip closure
- Two-piece arm for half-loaf intake
- Cyclone separator to reduce flour transferred into air filters
- Rotating collection table for ready bags
- Tosibox remote connection device
- Ionizer to neutralize static electricity from the bags

Designed and  
Manufactured  
in Finland



## Specs

Type of packaging machine	Pusher-type automatic bagging and clip-closing machine
Products to be packed	Whole loaves, sliced loaves, half loaves, sliced half loaves
Capacity	Structural capacity 50 bags per minute
Whole tin baked and regular shaped bread	Indicative maximum capacity 42 bags per minute
Sliced bread and complex shaped bread	Advisable capacity 35-40 bags per minute
Bag materials	Polyethylene, polypropylene, composite film
Automatic bag stack magazine	1 stack in use + 4 stacks in reserve
Closure type	Clipband closing
Drive and control type	Fully servo controlled with backed up absolute sensors
Motion controller	Yaskawa
Servo drive for the pusher	Yaskawa 4kW Sigma-5 series
Servo drive for the cam mechanism	Yaskawa 1.3kW Sigma-5 series
Servo drive for the side infeed	Yaskawa min 0.4kW Sigma-5 series
Motion control bus network	Mechatrolink II
Vacuum device	1,5kW (frequency converter controlled)
Slice fall prevention blower	1,5kW (frequency converter controlled)
Outlet conveyor drive	0,37kW (frequency converter controlled)
Inline infeed conveyor drive	0,37kW (frequency converter controlled)
Safety light curtain devices	Sick MiniTwin 4
Internal control I/O	Phoenix module in Mechatrolink II bus
Frequency converter controls	Ethernet/Ip bus
Pneumatic device (SMC) controls	Ethernet/Ip bus
Date marking unit	Available as option (Kortho M40 or Markoprint ijet)
Two-arm infeed for sliced half loaves	Available as option
Rotating device for half loaf before infeed	Available as option
Pneumatic connection	6 bar
Air consumption	Nominal flow rate 300 standard liters at maximum speed
Connective load	Max. 9,5kW (depending on the equipment)





# Loafmaster GRP

*Automatic bagging machine for Pita Bread*

Loafmaster GRP is a modified version from Ipeka's Loafmaster 50 bagging machine. The mechanical design was optimized for pita bread or any other flatbread products with similar dimensions, such as soft tortillas or Nordic rieska for example. Bread is typically fed to the bagger in the stacks of 5-7 pcs. The bagging process is very well controlled as the product flow is linear and the clipband closing is integrated to the mechanism after bag opening and filling.

Loafmaster GRP uses pre-made wicket bags and the clipband closure is consumer friendly and the inexpensive closing material is widely available.

The maximum capacity is 40 bags per minute but quite often 35 per minute has been the optimum speed and well enough to handle the capacity of a high performance pita line.



*Loafmaster GRP is equipped with integrated clipband closing system*

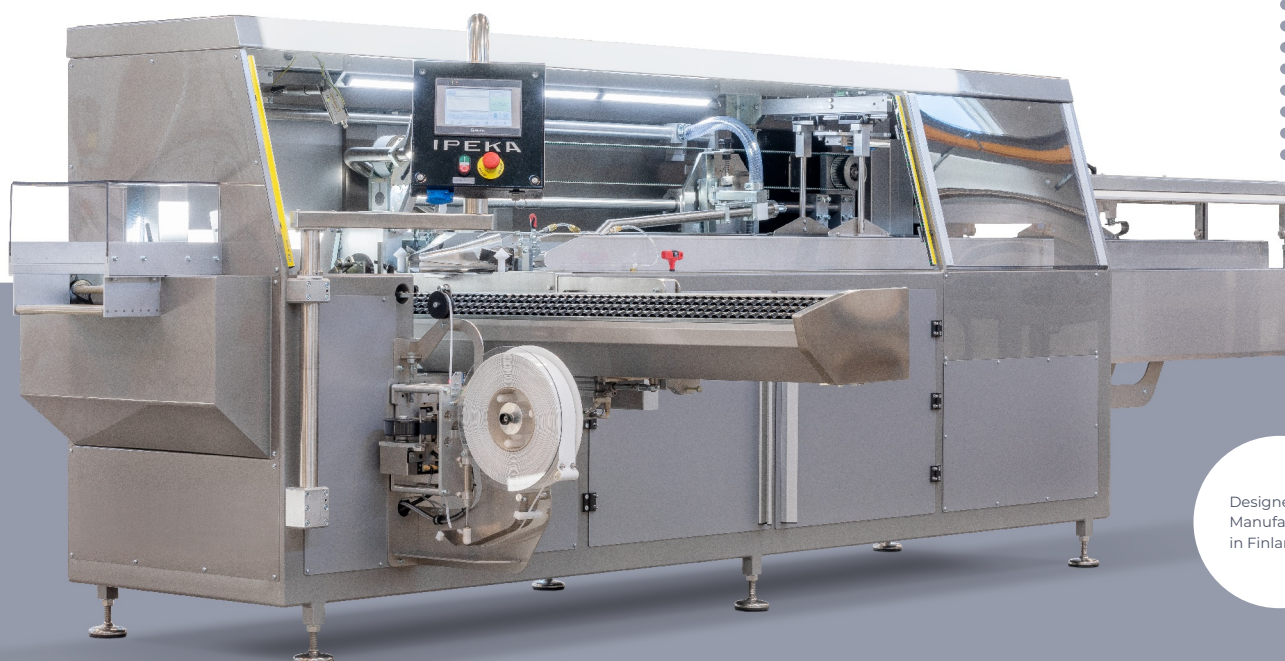
*Yaskawa servomotors  
Omron safety controller  
SICK safety light curtains  
SMC pneumatics  
Weintek touch display HMI*

*Cyclone separator to  
reduce the amount of  
flour transferred into  
the air filters*



*The maximum diameter of  
stack is 330mm and the  
maximum height is 90mm*

*Bread must arrive to  
Loafmaster GRP's infeed  
in a neat stacks - readily  
pressed flat enough to  
meet the height limit*



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Manufactured  
in Finland



Best Before date  
can be printed  
into the clipband  
closure for example  
with Kortho M40  
hot stamping device

