

## Counting and bagging of bread rolls and similar small bakery products

### Ipeka Countpack

Integrated system including counting and bagging into premade bags, with clipband closing, for bread rolls, small pies and similar bakery products.

Consists of elevator conveyor, Ipeka Counter and Ipeka Carouselbagger. Can be equipped with a date marking printer too.



*Carouselbagger is equipped with an integrated clipband closing system*



### Ipeka Counter

Ipeka Counter can be delivered also as an individual device, used for example for counting frozen bakery products into boxes. The standard versions are five, six, eight or twelve lane Counter - according to the product size and the required capacity



### Ipeka Carouselbagger

Ipeka Carouselbagger can be also delivered separately, used for example with some fragile products that are manually fed to the hopper.



### Ipeka Counter with VFFS

Ipeka Counters can be also combined with Vertical Form-Fill-Seal bagging machines. We prefer MARTINI SRL equipment as VFFS machine to be paired with Ipeka Counters.

Airtight VFFS package enables gas injection to improve shelf life of the product.





## Ipeka Countpack

Countpack system is a counting and packaging solution for bread rolls and corresponding products. The system consists of an Ipeka Counter quantity counting and batch dosing device and Carouselbagger bagging and clipband closing device. An elevator conveyor with product hopper, a bag conveyor and a rotating collection table are normally included in a total installation. A hot stamping unit or an industrial inkjet printer for best before date clipband marking is available as an option.

The mechanically driven vibrator troughs are steplessly adjustable for desired capacity. A brush unit ensures that only one product layer moves to the counting station. The multilevel vibrating troughs ensure perfect separation of the products before counting.

The counting station consists of highly sensitive optical sensors and PLC steered gate units. The standard version is equipped with five or six vibrator troughs and photocells, resulting in a counting speed of approx. 15 000 units/hour, depending on the product size. The amount per portion is easily selectable.

The new servomotor running Carouselbagger bagging device consists of four circulating filling hoppers with integrated bag holders. With the bags hanging from the hoppers, they circulate from the bag opening station to the filling station and further to the bag closing and discharge station.

The product infeed to the hopper can be arranged either from the baking plates, or directly from the cooling conveyor. Compartment conveyor guides the products to the counting station situated on top of the machine. For maximised utilisation of the floor area the infeed and outlet conveyors can be placed even at the sides of the machine.

Simultaneous operations at different machine stations enable high packaging capacity with well-controlled and smooth functions. The bagging capacity of 30 bags per minute can be reached, however depending on the product and size of the portion.

The change of the bag bunches and their size is easy and rapid. The unique bag opening and holding system is realised with extremely reliable mechanical solution and operated by a servomotor.





## Ipeka Countpack specs

Capacity	30 bags per minute, 15 000 buns per hour as default
Structures	All frames, bagger doors and electric cabinet stainless steel
PLC	Omron
Servo motors	Yaskawa
Inverters	Yaskawa
Pneumatics	Festo and SMC
Bag size	Width 200-320mm, height max. 500mm
Bread roll size	Round: max. diam. 110mm Long: max. 150x80x50mm
Compressed air input	6 Bar, maximum consumption 200 l/min
Power input	3 kW maximum power rating, 3-phase supply



one of the several  
alternative layout  
options for Countpack  
is this returning version

