

## Automatic Jam Injection Machines Series AG

Utility Model registered  
German Patent applied

FILL DOUGHNUTS  
FULLY AUTOMATICALLY  
WITHOUT TOUCHING!

Fits ideally to the new  
Automatic Doughnut Line:



AG-6 together with AKS-6

thus besides the baking the jam injection is automatised as well!

### Pure Automatism:

- Automatic Doughnut Feeding
- Automatic Item Separation
- Automatic Sensor-Perception
- Automatic Needle-Injection
- Automatic Doughnut-Filling
- Automatic Needle-Pull Out
- Automatic Doughnut-Removal

### Solid Construction:

- Conveyor Speed adjustable
- Sensor-Position adjustable
- Sensor-Sensitivity adjustable
- Filling Quantity adjustable
- Robust Pneumatic Drive
- Reliable Pneumatic Control
- Pneumatic Maintenance Unit with Ultra-Fine Filter, Decompression Valve and Manometer
- Underframe with adjustable Height
- Completely made in Stainless Steel
- Conveyor Unit removable for cleaning
- Large Marmalade Container (30 l) exchangeable with Closing Plug

Electric and Pneumatic Drive and Control!

## Construction and Operating

The Automatic Jam Injection Machine is equipped with a conveyor unit, the net belt of which takes over the doughnuts row by row (according to type rows of 6 or 8 doughnuts). The machine may be installed at the end of a conveyor that carries the doughnuts in rows and then the doughnuts are automatically taken over into the Automatic Jam Injection Machine. Eventually the speed of the carrying conveyor has to be adjusted to the machine.

The doughnuts taken over row by row by the stainless steel net belt of the machine are piece-wise transported to the automatic filling station.

A doughnut arrived in the filling station is perceived by sensor. The sensor effects, that the filling needle is moved into the doughnut and at the same time the item separation – switch is closed, thus preventing further doughnuts from being transported during the filling operation.

Then the stroke of the jam-pump is released (adjustable for regulation of the filling quantity). After filling the filling needle is drawn back (at the same time the switch gives way for the next doughnut) so that the filled doughnut can be transported out of the filling station by the net belt. The doughnut then through a unloading-shaft slides into a catch up-case.

## Available Types:

<b>Type No.</b>	<b>AG-6</b>	<b>AG-8</b>
doughnuts per row	6	8
measures (mm):		
width	550	550
depth	1.250	1.450
incl. maintenance unit	1.350	1.550
hight (adjustable)	1.400	1.400
capacity (pieces/hour)	1.350	1.350
compressed dry air:	6 bar ( <b>dry air</b> )	
electric supply:	60 W / 230 V	

Specifications subject to change without notice