



Tray-, Box-, Tin Automatic F350

Rational packing of cookies, creams, biscuits and the like, into tins, plastic trays and cardboard boxes.

Schur's Tray-, Box-, Tin Automatic is designed for the fully automatic packing of pleated paper cups containing cookies, creams, biscuits and the like, into tins or trays. This unique packing method, which is used by leading manufacturers of Danish Butter Cookies, allows for the exclusive display of cookies to the consumer. The pleated cups optimally protect the products thus, after transport, the product will still remain neatly placed in their packaging and will be in perfect condition.

Function

On a conveyor leading to the packing machine, the paper cups are divided up into groups. Each group has the combination of paper cups which form one layer in the final packaging.

Each group is then fixed by a collecting ring, after which they are carefully lifted by means of a vacuum, and placed in the final packaging. After one layer has been placed in the package it is covered by piece of intermediary paper.

Some of the advantages of a Tray-, Box-, Tin Automatic are:

- Many different packaging sizes can be used.
- Quick changeover time.
- Only a minimum of monitoring is required.
- The use of a vacuum means that the products are handled carefully.
- A robust design means that the machine is well suited to meet the heavy demands of, for example, a treble shift operation.
- The introduction of this packing method provides maximum protection of products during transport.

The Tray-, Box-, Tin Automatic is part of Schur Technology's unique packing line. This packing line ensures the optimal packaging of cookies, creams, biscuits and the like, from start to finish. The machine can, with advantage, be used together with Schur's other packing machines designed for the baking industry, such as, the Cookie Stacker, the Taping Machine, the Cartoning Machine and the Tray and Wrap-Around Packer.

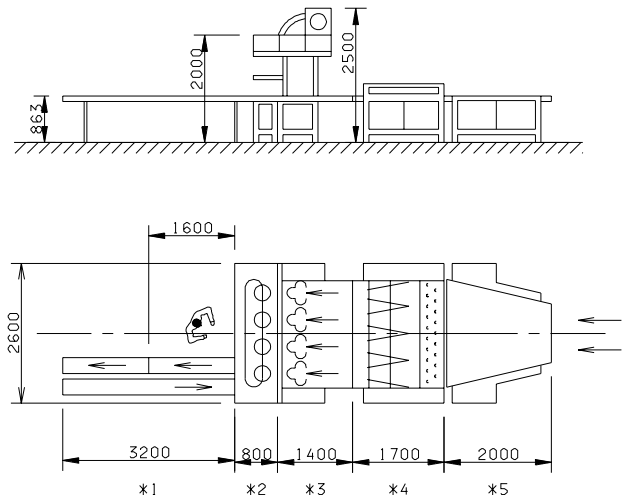
Extra equipment

For use with the Tray-, Box-, Tin Automatic, Schur Technology can also offer a tray dispenser for trays, tin de-palletizing equipment, a lid affixer and marking equipment.

Should you have any special requirements we will be pleased to offer you, without any obligation from your side, a project and price for machinery or equipment tailor-made to suit your needs.

Technical Specifications

Model	Tray-, Box-, Tin Automatic F350
Capacity	Max. 26 tins, dia. 190 mm with 2 layers, per minute.
Size range	The machine can be supplied with exchangeable sets of tools for packages containing up to 5 layers of paper cups, where each layer comprises 5, 10, 15 or 20 paper cups.
Operating voltage	3 x 400 V + N + PE, 50 Hz
Power consumption	Approx. 20 kW
Compressed air connection	Min. 6 bar
Compressed air consumption	Approx. 200 NL/min. at 6 bar.
Vacuum	The machine is supplied with vacuum pumps which are placed in their own rack.



- 1) Introduction and removal of the packages
- 2) Package conveyor
- 3) Collecting section
- 4) Grouping of the paper cups
- 5) Spreading conveyor

NB: We reserve the right to change technical specifications without notice.

