

Tube filling machine T 20s



Operation

The T 20s is a semi-automated tube filling machine which can fill a predefined number of tablets in the tubes at a speed of 20 tubes per minute*.

The tubes are brought manually to the machine for filling by the operator, whereas the tablets and caps are filled manually to tablet funnel and cap feeding device, which are then feed automatically to the machine from tablet funnel as well as the cap feeding device.

During production, the caps and tablets are guided or directed by the machine.

The machine is controlled and monitored by a very easy-to-use programmable logic controller and thus gives the possibility to train new personnel quickly on the machine.

Accessory



We offer optional accessories for each machine.

This can range from a tube conveyor for the ejection of the filled tubes to an

inkjet printer that prints the filled tubes. Depending on your request, the accessories can be customized to suit your needs.

*depends on the operator

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Design

Our emphasis is focused on a simple and functional design, which is very easy to operate, to maintain and to service.

Generally, the T 20s machine is constructed on fixed set of format parts.

It can process:

Tablets with a maximum diameter of 25 mm and a thickness of maximum 6.5 mm and can fill 20 tablets per minute.

Tubes made up of metal or plastic with an outer diameter of maximum 28.5 mm and a length of maximum 144 mm.

Sealing parts with a maximum diameter of 34.9 mm and a maximum length of 32.5 mm as well as with and without a spiral or tamper ring.

Other dimensions are possible depending on your request.

Quality

Our machines are designed and built for you with all our know-how and absolute professionalism, whereby we can always rely on our 38 year experience in the design and construction of tube filling machines.

Only materials that are suitable for the contact with food are used to construct the machine, so that the machine should comply with the GMP and FDA standard.

A Factory Acceptance Test and IQ/OQ protocols will be provided, if requested to assure that the machine constructed is in accordance with the purchase order.

Service

We offer you a wide array of spare parts and we are always ready to provide you our services after your machine has left our company - no matter where you are situated around the globe.

We always provide an installation on site by our qualified personnel, furthermore, we train and educate your staff on how to operate our machines.

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The machine is operated from the control panels on the control cabinet by an operator who fills the product containers and monitors the machine status

Tablets infeed



The tablets supplied from the tablet funnel form a tablet storage

A consistent working speed

Tube infeed



The operator delivers the tube for infeeding manually

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Cap infeed



The caps needed to fill the cap container are delivered as bulk material

The caps are feed automatically to the tube closing device

A contactless check for the presence of a cap

Tube filling



Tubes are filled automatically with the tablets

Tube closing



The tubes are placed manually in the tube closing devices

The tubes are closed automatically