

Special machinery for the pharmaceutical industry



Lining machine for punching and mounting of rubber membrane

GRUBER A/S is a recognized supplier of rubber lining machines for the pharmaceutical industry. The above machine is a custom built machine for punching and mounting of rubber membranes on capsules for vials.

Process cycles: unwinding, thickness control, punching, lining, cleaning, check-pressure, cleaning, and optical control.

The machine is equipped with an automatic discharger of rejected units and with specified sampling. The machine has a capacity of 150 strokes per minute, and the number of punched units per stroke varies from four to seven.



Machines equipped with two star wheels are provided with a vision system checking the rubber for possible defects inside the capsule.

Capsule welding device for the mounting of plastic caps on insulin capsules

This machine was developed especially for welding plastic caps on insulin capsules.

Process cycles: 2 centrifugal feeders FG350 supply capsules and plastic caps respectively, conveyors locate the capsules and caps on the circular table, the plastic caps are welded on



The photo shows a machine for Ø 20 mm capsules. Capacity: 400 units per minute.

the capsules, and finally the finished products are removed with a conveyor.

These machines have a capacity of 400 to 1000 units per minute – depending on the product characteristics.

Special-purpose machinery

GRUBER A/S develops advanced engineering solutions for broad variety of branches, including the pharmaceutical industry, where we are met with special demands as to idea and function. An example: we have developed and produced a punching-threading machine constructed as an 8-workstation machine for post processing aluminium profiles for the automotive industry.

Specialist supplier to the pharmaceutical industry



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