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CAPLINE ROT

AUTOMATIC ROTARY CAPPING MACHINE



CAPLINE ROT

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CAPLINE ROT



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CAPPING MACHINE

Capping machines are produced in linear or rotary versions for closing plastic, metallic or glass bottles with different cap types such as screw, press-on, twist-off, crimp, cork, alcork, pilfer-proof, ROPP, tamper evident etc.

The capper can be equipped with different types of cap unscramblers (vibratory, rotary, belt type) depending on the type of cap and size. Cap elevators for feeding the caps into the cap unscrambler are also available as an optional device.

For the placing of difficult caps onto the container neck an automatic Pick and Place system can be used.

The capper can be equipped with additional systems such as cap (under-cap) presence control, which can be connected to a no cap (under-cap) bottle rejection system.

Function of the machine:

The containers are fed into the star wheel via the through conveyor and scroll feed. The star wheel (indexing type for a single head capper or continuous motion for a multiple head capper) carries the containers into the cap placement area and then into the capping head where the cap is tightened. The capping head tightens the cap to the required torque (if the capping head is pressure sensitive, it will press the cap on the bottle neck by means of a spring unit). The torque is set on the capping head by means of a magnetic clutch. After the capping is completed the star wheel then moves the container back onto the through conveyor.

The linear version of the cappers are fitted with a transfer belt feed system (instead of a star wheel) which carries the container under the capping head. This solution is only used on single head machines for simpler containers and cans.

Technical data:

Output: up to 2,000 pieces per hour (Hermes BC)
2,800 pieces per hour (Hermes 1M)
5,000 pieces per hour (Hermes 3M)
8,000 pieces per hour (Hermes 6M)

Power Supply: 400 V. 50/60 Hz

Power input: 1 – 4 KVA

Pressure air: 6 atm, 200 – 800 NI/min
(depending on the model)

