



Hilden Packaging Machines Pvt. Ltd.

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CASE OVER PACKER COP-20

10 - 12 CARTONS PER MINUTE

The machine comprises of the following

- A) Single Line to multi lane Conveyor
- B) Collating section as per your configuration
- C) Carton insertion section
- D) Flap closing and cross feed system.

Additions

- A) Integration of your top bottom BOPP taping Machine to the Carton over packing machine

Operation of the machine:

The bottles will enter the carton packer in a single line and will be automatically counted and diverted to three different lanes. The bottles from the three lanes will enter the collating area and form a suitable matrix. Once the Matrix is formed no more bottles are allowed to enter the zone, the back up bottle pressure is released, and the lane divider drops. The entire matrix is pushed across to the next zone where the carton is placed over the ready configuration. Automatically the bottom minor flaps of the carton are closed and the case with bottles progressively moves forward. The top and bottom flaps are closed and the carton is presented to the BOPP taping machine for top and bottom taping.

Construction:

The machine is constructed from mild steel frame, epoxy coated with certain vital components made from stainless steel.

Pneumatic components are from FESTO, which include the latest compact terminal block of valves, rod less cylinders and safety pressure switches. The entire piping is colour coded for systematic and convenient maintenance. Pneumatic requirement will be 20 CFM at 60 PSI

The electronics is housed in a stainless steel cabinet and with control and emergency stop buttons easily accessible. Wires made by Lapp Kapel (German) run through conduit pipes and are lugged and numbered as per a wiring diagram on the inside of the panel. Machine control is by a programmable logic controller from GEFANUC. The sensing is by proxies, infra-red and reed switches. 3 phase power supply (In feed conveyor)

Space occupied is 4 feet by 16 feet in an 'L' shaped layout.
Working height from the ground as per the clients existing conveyors
Stand alone panel can be provided optional.

BOPP taping machine which would be charged extra and would be quoted separately.

Thanking you,

Yours faithfully,
For Hilden Packaging Machines Pvt. Ltd.,

R.J. Oswal,
Director.

