

Sprinter carton forming and sealing line

Producer - Sprinter Systems AB (Sweden)

Man. year: 1997

Condition: completely overhauled and ready to run

Max. capacity: 100-110 cartons per minute

It is possible to choose matrix for any size of packing due to the customer's requirements.

The line is consist of :

1) Sprinter MP Carton former

Dimensions (L x W x H): 1310 x 1600 x 2250

Weight: 750 kg

Operating speed: 17-70 strokes/minute

Supply voltage 380 V, 3 phases, 50 Hz

This MP machine is intended to erect a box (package) from a flat carton blank, which can then be filled with a product. In principle, the MP consists of two moving

parts, a blank feeder, which is an arm provided with suction cups, and a punch bar, to which a number of punch tools for a wide range of pack sizes and shapes (octagonal, hexagonal, triangular, trapezoidal) are attached. Each punch bar is equipped with a security coupling, which is



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intended to trip and stop the machine if anything gets between the punch and the tool, for example more than one blank. The flat carton blanks are filled into the magazine on the back of the MP, with the printed side facing you. The blanks are fed towards the magazine tongue under an even pressure, by means of a magazine weight and . The blanks are picked from the magazine by means of vacuum and suction cups, which grasp the blank by suction and feed it down to the tool. When the suction cup arm is in its lowest position, a valve is operated mechanically and the blank is aligned in the correct position by means of a number of guides fitted to the tool bed. The blank is then struck by the punch, which forms and locks the blank to a box, working together with the tool.

Machine is made of rust protected material and easy to operate. The tools and are easily changed and independently operated.

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