

FK CODINGLINE

Application

Folding boxes are coded and labeled with a unique code by an ink jet system. The machine was configured with a package designed especially for use with pharmaceuticals.

Advantage

The machine's short tooling times and modular design make it versatile and economic to use with a variety of labeling methods. The printing line, with easily adjusted suction tracks, can cover a wide range of formats.



FK Codingline consisting of: friction feeder, vacuum conveyor, rejection unit with catch box and integrated shingle outfeed conveyor

Description of function

The JoKer friction feeder, located on the face side, feeds the products reliably onto the suction conveyor. There, the vacuum conveyor conveys the carton boxes, either flat and open or already glued. The vacuum system allows the products to lie freely on the conveyor from where they can be printed or labeled wherever desired. The printing system then labels the folded boxes. A camera system is used to check the code and manage it in the database. If the camera does not read the product as "correct", an impulse is issued to the automatic rejection unit and the defective product is discharged downward to a special catch box. Good products are transferred to the shingle outfeed conveyor, from where they can be removed manually.

Machine characteristics

- Sizes: min. 80 x 100 mm, max. 500 x 350 mm
- Speed when printing 60m/min without printing 150m/min
- Cycled or continuous operation possible
- High precision servo motor drive
- PLC control system with appropriate interfaces

Options

- The suction conveyor can be equipped with an optional electric height adjuster.
- A stacking unit is also possible downstream from the discharge.
- Double sheet control: electro-mechanical design or with ultrasonic
- Autoloader: 500 mm - 3000 mm in 500 mm sections with or without a vertical magazine
- Displays/lamps: optical display with various color or acoustic signal

Special designs

We are happy to work out for you the right concept and offer the appropriate solution for you. Please talk to our design department about the possibilities.