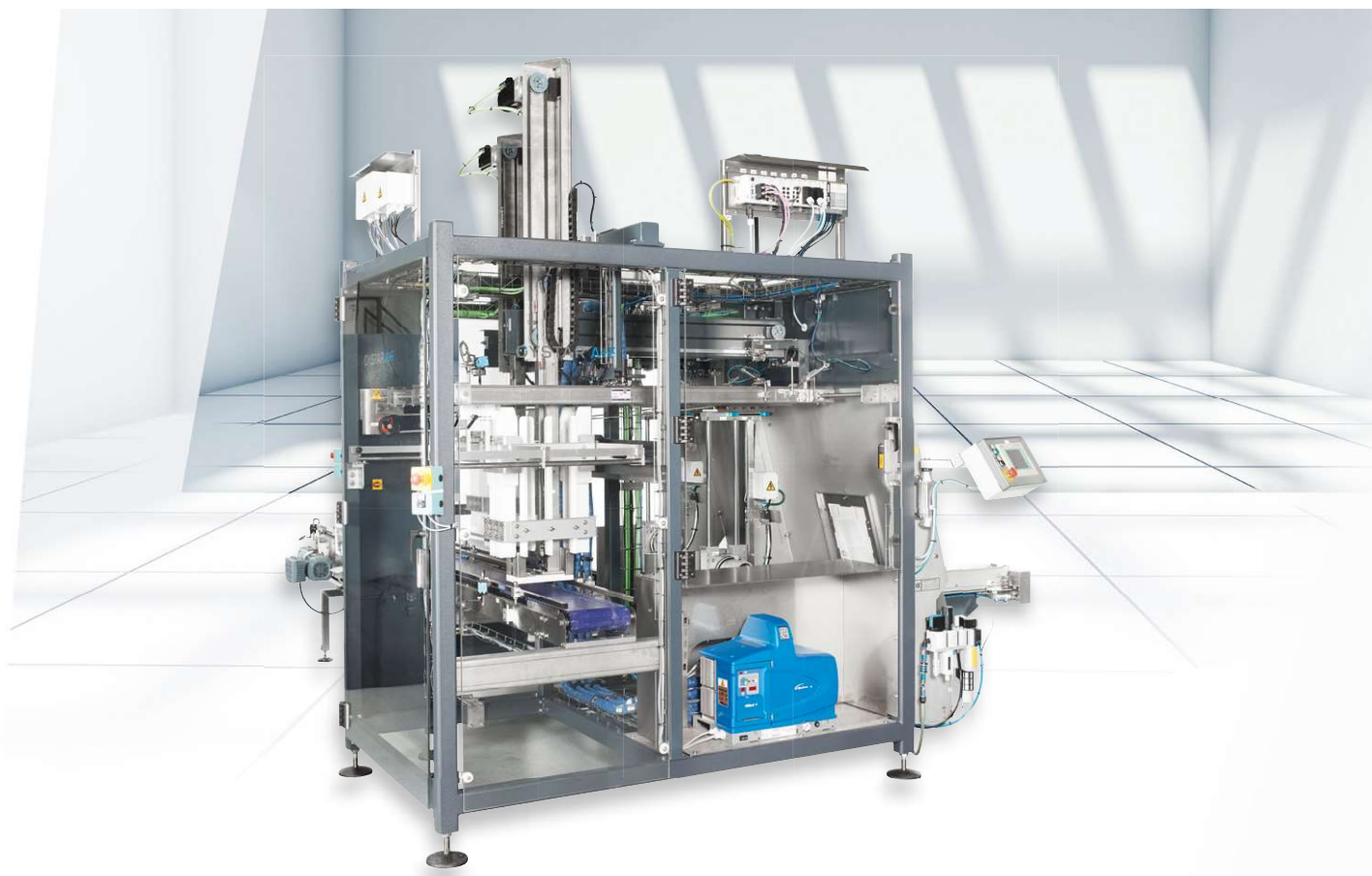


TRAY ERECTOR | MultiFormer



TRAY ERECTOR | MultiFormer

Technical Performance Characteristics

- Compact servo-controlled Tray Erector for open trays and special tray types:
 - trays with shoulder flaps
 - pre-glueing of wrap-around cases
 - special trays with hole-plates
- The Multiformer is available as:
 - single-lane machine of up to 40 trays/min.
 - double-lane machine of up to 80 trays/min.
- The solid framework is powder-coated as a standard. All elements contacting the product are made of stainless steel. On option, the Multiformer can be provided for operation in a wet environment.
- Horizontal blank magazine with a high loading capacity of up to 500 tray blanks
- Safe blank extraction from the magazine by means of vacuum suckers.
- Accurate and reliable servo-controlled transport of tray blanks
- All forming operations are performed by stamp/funnel:
 - building of trays in one single step
 - high accuracy and repeatability through dedicated forming stamp tool and funnel
- Integrated hotmelt system
- Reliable, flexible control, based on standard components (Schneider Electric or Rockwell/Allen Bradley as an option)

Technical Data

- **performance:** up to 2,400 trays/h
- **tray design:** corrugated cardboard (B-wave, 2.2 to 3.0 mm thick), side walls fully vertical
- **tray size:**
 - tray format range min./max.:
 - tray length (L) 150 mm - 410 mm
 - tray width (W) 150 mm - 410 mm
 - tray height (H) 30 mm - 150 mm

Functional Description

The Multiformer is a servo-controlled, cycle-operated tray erector. It is furnished with servo axis (slaves) that are driven by a master shaft. The drives are located close to the folding elements to enable high speeds.

Blank Magazine

Belt magazine with a reception capacity of approx. 900 mm in length.

Blank Supply

Blank extraction from the magazine and placement of single blanks into a guided blank deposit from below.

Blank Advance

A servo-driven pusher is used because of high dynamic requirements.

Folding Station

During movement into the folding station the tray blank is glued prior to its way through the folding funnel. A forming stamp guarantees highly precise dimensional accuracy.

Format Change

Quick and easy format change by means of dedicated format kits for a fast coupling. The format setting is by hand-operated spindles.

A+F Automation + Fördertechnik GmbH
 Industriestraße 11-13 | 32278 Kirchlengern
 Tel. +49 5223 8791 0 | Fax +49 5223 8791 11
 info@af-gmbh.de

www.af-gmbh.de

