



DanTech Side Autoloader AL-1R

Description

The autoloader is designed for the MPr-ID series form press and is available in the normal operating position or the opposite handed model.

The product is placed on to the autoloader conveyor and is transported to the loading station where it is automatically pushed in to the forming chamber when the molds are open.

The pusher then retracts to allow the next product to be loader at the end of the previous cycle.

The cycle is controlled and synchronised by a PLC and linked directly to the form press.

Construction

The design is made to comply with USDA and CE norms and follows the AMI 10 principles of hygiene and sanitation.

Safety covers are provided and interlocked to prevent operator access whilst the machine is in operation.

Materials used in the construction are: -

- Stainless steel grade 1.4301 (AISI 304)
- FDA approved polypropylene.
- All contact materials may be washed down with foam/water up to 100 bar.
- Bushes and bearings powder coated.
- Manufacturers standard finish for motors, gears and drives.
- Loading conveyor L = 4000mm, width 400 mm, height = 900 mm
- Servo drives are used for accuracy on both the conveyor and loader.

Power

Electrical: 400VAC, 3 ph., +PE. 15 A.

PLC: Allen-Bradley

Protection: IP 67

Water: Not required

Compressed air: Yes

Options:

AL-1L, opposite hand.

Alternative product belt widths.