

Fastbook & Autoload



A u t o m a t i c F e e d e r

FAST BOOK

This automatic book block feeder offers a variety of applications such as hard cover book lines, perfect binders or back gluing machines, and more.

The **FAST BOOK** is electronically linked to the following machine by an encoder and photocell; its speed is therefore controlled by that machine. The encoder reads the speed and the photocell checks when the finger of the transport chain (where applicable) is passing through. All Adjustments are quickly carried out by a few easily accessible hand wheels with numeric scales...

The operator places the book blocks into the hopper of the book block feeder. A moving table transfers one single product between two driven rollers (an upper and a lower one). The upper roller is adjustable in height and it is pressed onto the product by a pneumatic cylinder during the transfer process. On the control panel, the operator can select constant pressure of the roller or lift the roller to allow the spine to pass and then return to constant pressure. This useful option will protect the spine of thick books, as well as other type of products.

The product is then transferred by a conveyor belt into the channel of the following machine. This belt is adjustable in height.

The moving table previously mentioned is equipped with eight suckers and one pusher. Suckers provide a stable transfer of very thin products, while the additional pusher is useful for thick and heavy book blocks.

The suction area can be adapted to the size of the product by switching the four outer suckers on or off.

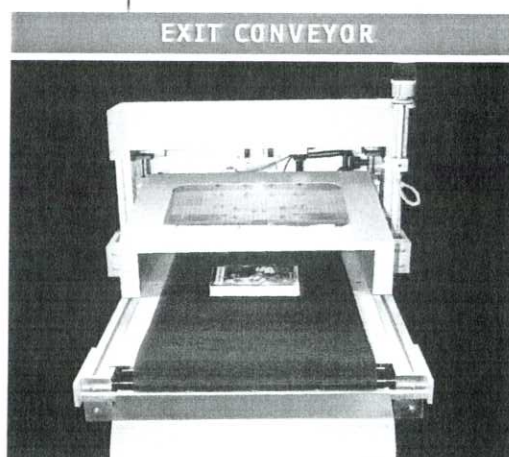
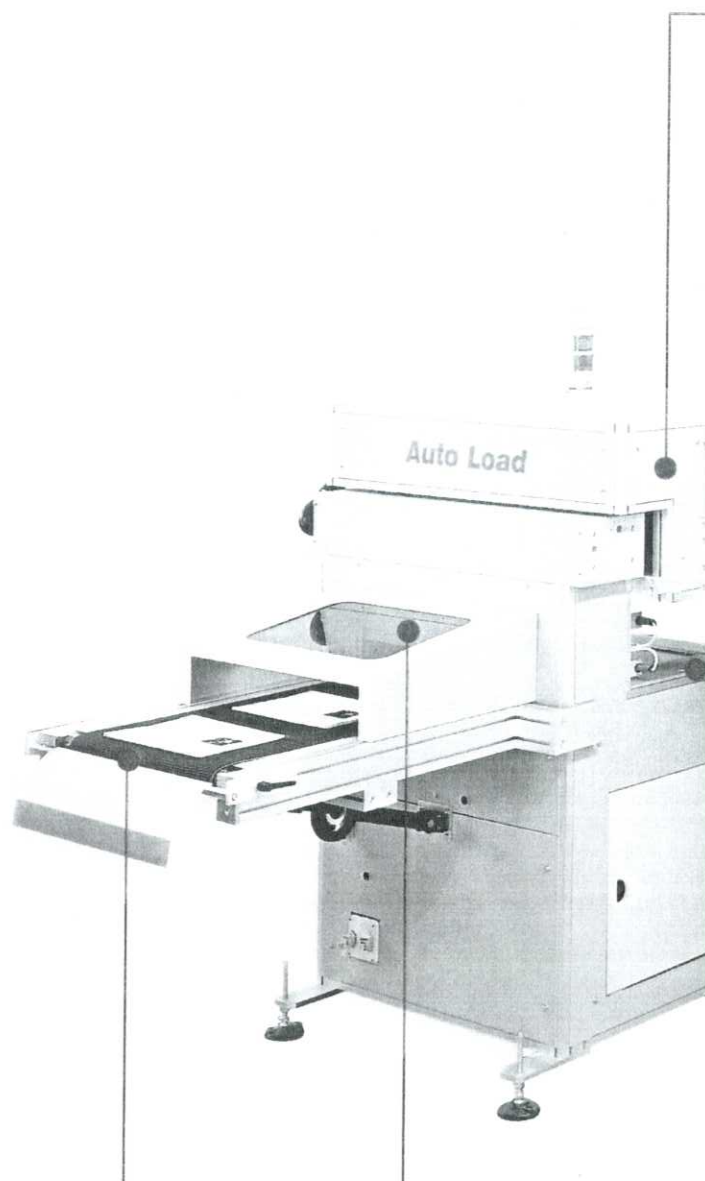
A set of pushers varying in thickness are supplied with the machine.

AUTOLOAD

This pre-pile conveyor consist of a three meter (nearly ten feet) friction-free conveyor, which automatically feeds the book block feeder. All adjustments of the pre-pile conveyor are quickly carried out by means of a few easy accessible hand wheels with numeric scales. The conveyor is available with infeed direction into the book block feeder from the right or the left side. This must be defined at the time of the order. Also the length of the conveyor can be designed to be adapted to the different room/space conditions...

The operator places piles of book blocks onto the friction-free conveyor. The piles are then transferred to a pacing device to time the product to the pushing station which is placed directly on the hopper of the book block feeder. This process is controlled by the photocells placed in the hopper of the **FAST BOOK**.

Once a pile has entered the staging area, the pusher moves it forward onto guide rails. As the book block feeder calls for products, the rails open and they are fed into the hopper of the **FAST BOOK** machine located directly below.

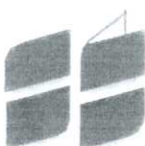


The exit conveyor of the machine is equipped with a gripping belt to ensure stability of the product and is adjustable in height



The roller feedbox c





SOLEMA

Servizio Qualità



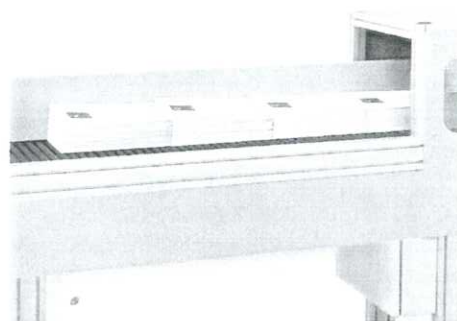
Service

AUTOLOAD PUSHER



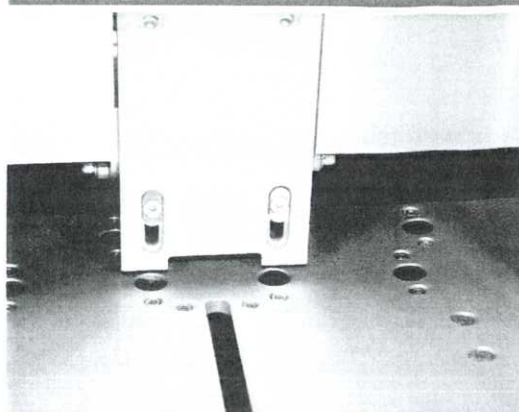
The pusher moves the product on the grids which holds it on the top of the Fast Book hopper ready to be fed

AUTOLOAD PILE'S FEEDER



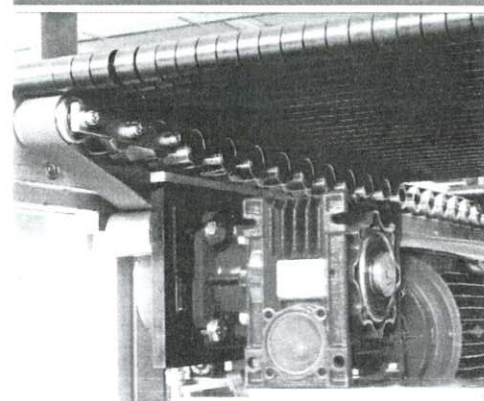
The Autoload friction-free conveyor consists of a three meter (nearly ten feet) buffer where the operator places piles of products

FEEDING TABLE



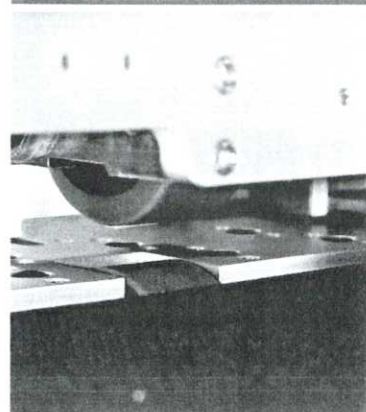
The feeding table is equipped with eight suckers and clamping device for pushers

FRICTION-FREE DRIVE



The friction-free conveyor is driven through a flat belt to ensure reliability and easy maintenance

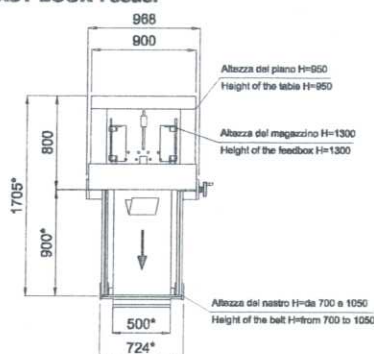
GRIPPING WHEELS



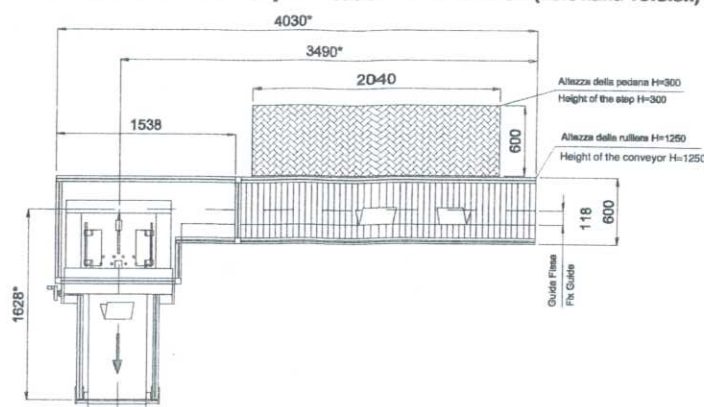
Grip and drive the books out of the adjusted in height and speed



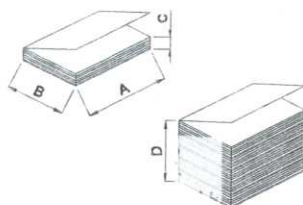
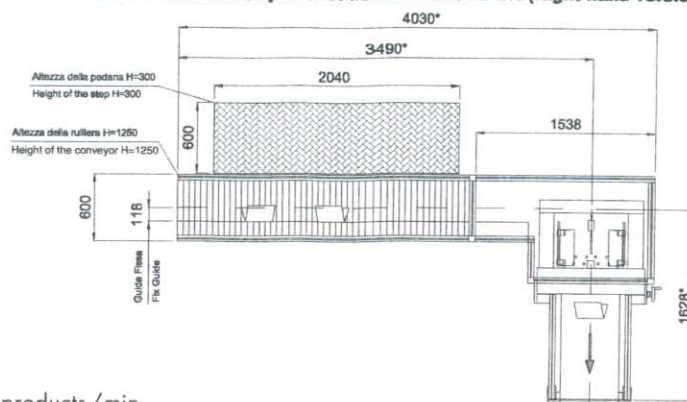
① **FAST BOOK Mettilibro**
FAST BOOK Feeder



② **FAST BOOK Mettilibro con alimentatore a pile AUTOLOAD SX (Sinistra)**
FAST BOOK Feeder with pile's loader AUTOLOAD SX (Left hand version)



③ **FAST BOOK Mettilibro con alimentatore a pile AUTOLOAD DX (Destra)**
FAST BOOK Feeder with pile's loader AUTOLOAD DX (Right hand version)



TECNICHICAL SPECIFICATIONS

Mechanical Speed:	max. 10.000 products / min.
Product Length (A):	min. 130 mm (5 1/8") max. 540 mm (21 1/8")
Product Width (B):	min. 100 mm (3 7/8") max. 440 mm (17 1/3")
Product Thickness:	min. 2 mm (3/32") max. 80 mm (3 1/8")
Pile Height (D):	Type 1 max. 350 mm (13 5/8") Type 2-3 max. 200 mm (7 7/8")
Base colour:	Light Grey RAL 7004
Cover colour:	Light Blue RAL 5012 Grey RAL 7038 Red RAL 3003 White RAL 7035 Green TAI 264
Power requirement:	Type 1 approx. 1 Kw Type 2-3 approx. 1.5 Kw
Voltage:	3 x 400V PNE 50hz (other voltages available on request)
Air requirement:	Type 1 21 NI / min. (6 Bar) Type 2-3 110 NI / min. (6 Bar)
Weight of the machine:	Type 1 260 kg. Type 2-3 410 kg.


SOLEMA

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