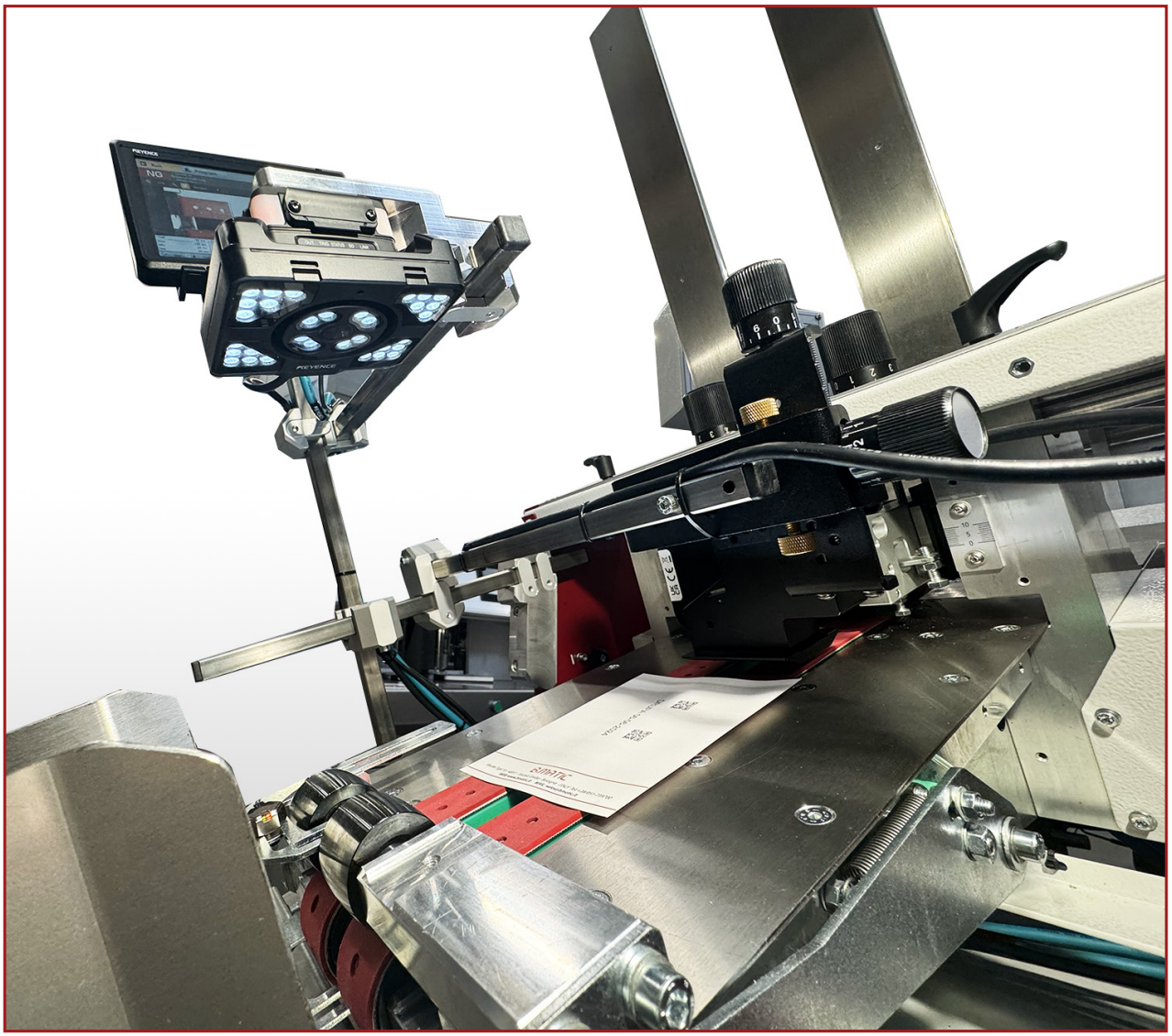
B.MATIC

Sheets Counting & Packaging Machines

O.C.S Friction Feeder Technology

Friction Feeders F350 L (Long Output Belts)

With OCS Technology



Rely on High-Quality Friction Feeders

Feeding - Counting - Scanning - Marking
Friction Feeder Packaging Lines
Packaging - Pharma - Food - Cosmetics - Security
A few seconds to set for the product size. 3 minutes to replace the belts.

F350 L, the Friction Feeder with OCS Technology.

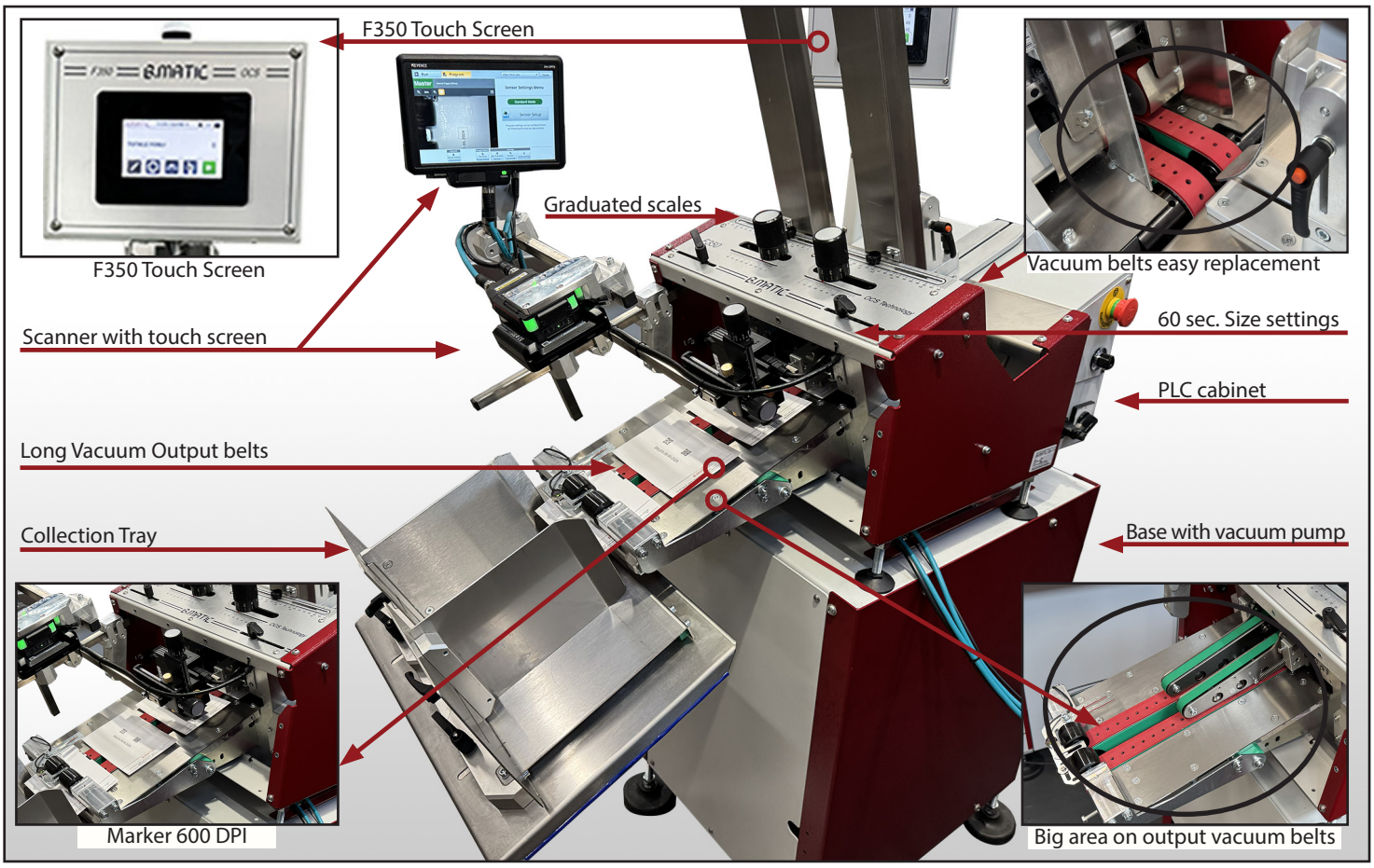
The Model F350 Version L ("F350 L") with 400mm long output belts is characterized by a large surface after feeding available for installation of scanners and markers creating an **All in One** machine without external conveyors.

In addition, it is designed for the application of the **vacuum group** on the feeding belts and on the output belts to convert it into a vacuum feeder. Vacuum feeders have increased reliability feeding thin products and longer autonomy.

The range of friction feeders F350 consists of four Models, F350 COMPACT, F350 COUNTER SC, F350 VISION SC and F350 MARKER SC. Each of them can be supplied in two versions: with standard output belts and with long output belts ("F350 L)".

A wide range of accessories integrates the four models to feed, count, mark or scan many flat products such as envelopes plastic cards, labels, brochures, lottery tickets, pharmaceutical pouches, cartons and leaflets.

The adjustment for the products size with the movement of the entire feeding belts groups occurs in a few seconds thanks to our proprietary OCS Technology unique in the market.



Descriptive photo of all the main elements of the F350L model and its applications.

Quality and Technology

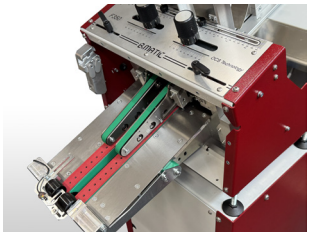
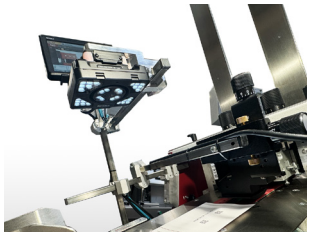
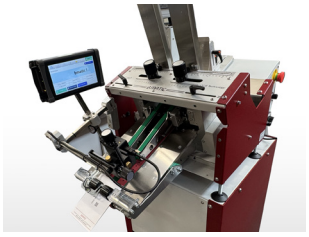
F350 is a friction feeder/counter designed for industrial use. Easy adjustment with high quality mechanical parts make it a reliable machine in many packaging applications, but not only.

About OCS Technology

With a great experience in sheets counting and friction feeding since 1986, B.Matic has created this friction feeder equipped with OCS (Opposite Cantilever Shafts) technology. The main advantages of OCS are summarized below:

1. Easy replacement of the feeding belts in 3 minutes (a periodic operation required on all friction feeders).
2. Adjustment of the position of the feeding and exit belts in a few seconds.
3. Differentiated speed of the exit belts for optimal separation.
4. The axial movements are carried out on recirculating ball guides with graduated scales.

F350 L Friction Feeder Machines Range

			
F350 COMPACT L Only mechanical Machine without electronic,	**F350 COUNTER SC L** Machine with Electronic for Feeding, Counting and Batching	**F350 VISION SC L** Machine with bar code Scanner.	**F350 MARKER SC L** Machine for counting with integrated printing head & Market Touch screen.

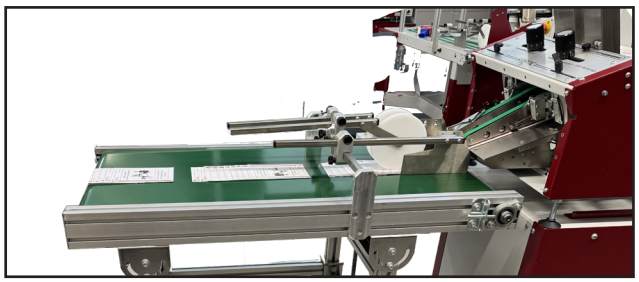
F350 L" Main Functions and Characteristics	Technical Data
OCS Technology (Belt replacement & size adjustment in a few seconds on mechanics with linear recirculating ball bearings)	√
Product Width - Product Length (with reference to the vacuum version or version with 400 mm long upper belts)	W 55/350 mm- L 50/300 mm
Magazine height ** - Product thickness * mm	600 mm - 0,1 to 10 mm
Manual loading and picking of products without machine stop	√
Dimensions (mm) and weight (kg) Mechanical group only (Dimensions and weights may vary depending on the model / configuration)	620x510x H820 / 40kg
Power supply	230VAC 5A 50/60HZ
Main Logical functions	
Max sheets counting speed (adjustable continuously)	100mt/min or 200mt/min (O)
Sheets Length setting to detect the joint sheets with encoder	√
Programming of N° of sheets for batch and of pausing time - Display with Total counting - Batch counting - Remainder	√
Connectors for START/STOP and ALARM signals for remote control	√
Data import and export with USB and ETHERNET connector.	Only on Vision model

√ = included O = optional N/A= Not available

* Minimum/maximum thickness accepted may vary with counted products quality and type, please contact us for further information and testing.

** Actual loading capacity function of products type, quality, weight and size.

Main Optionals
Vacuum Belts group (see dedicate brochure)
Scanner for Data Matrix & bar code. (Scanners for OCR and image recognition are also available)
Marker from 1/2" up to 3" (12,7mm up to 76,2mm) , up to 600 DPI, with 7" touchscreen.
250mm or 400mm upper output belts (the minimum product size depends on the upper belts lengths for non vacuum versions)
Device with imminent end-of-load sensor for F350
Mechanical double sheet detector on the left and right side.



Conveyor Tape with complete with joggers / wheels, speed regulator and connectors.

Main External Options for the lines.
650 mm high base with lockable cabinet
Conveyors: Conveyor Tape / Vacuum Conveyor / Conveyor Belts / Synchronized chain conveyor / Vacuum conveyor belt with OCS tech.
Autoloader
Outlet collection tray with pedestal, automatic stacker and deflector group for bad products (only su Vision Model)
NOTE: We reserve the right to change some of the above parameters during manufacturing process.

Additional B.MATIC Products

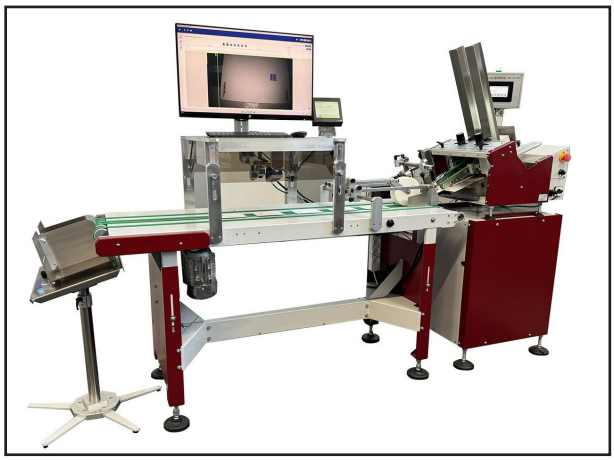
"Protec TWIN HEAD ADR 32" models with ADR 32 Technology for security and high security counting					
Model	**Type**	**Sheets / min**	**GSM**	**Sector**	**Picture**
Protec ADR 32 TH2 (SH)	L	3.000	40/300	Security	
Protec ADR 32 TH2 (SH)	H	2.500	200/800	Security	
Protec ADR 32 TH2 (SH)	W	3.000	40/800	Security	

"Protec ADR 32 ST" models with ADR 32 Technology for Commercial Printing					
Model	**Type.**	**Sheets / min**	**GSM**	**Sector**	**Picture**
Protec ADR 32 ST	L	3000	40/300	Commercial	
Protec ADR 32 ST	H	3000	200/800	Commercial	
Protec ADR 32 ST	W	3000	40/800	Commercial	

"Protec ADR 32 CM" models with ADR 32 Technology for Commercial Printing					
Model	**Type.**	**Sheets / min**	**GSM**	**Sector**	**Picture**
Protec ADR 32 CM	1	1.400	40/150	Commercial	
Protec ADR 32 CM	2	2.400	40/250	Commercial	
Protec ADR 32 CM	3	2.400	40/500	Commercial	

"Tab-Inserter" models with DUAL RIBBING Technology					
Model	**Type**	**Tabs / sec**	**Devices**	**Sector**	**Picture**
TAB-IN	MDX	3	Tape deflector	Converting	
TAB-IN	Counter	3	Photocell/Pedestal	Commercial printing	
TAB-IN	Push	3	Control Unit	Converting	

For detailed specifications, please refer to the dedicated literature, web site and YOUTUBE channel



F350 COMPLETE LINE
Automatic Feeding Line with Marking and Scanning

CE
Certified Products

Dealer area

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