

B.MATIC

O.C.S Friction Feeder Technology

F350 Counter S

New friction feeder on OCS technology with product counting



Few seconds for product size setting, just 3 minutes to replace belts!

Small size sheets - Irregular shapes - Security Counting -Batching

F350, the new friction feeder with OCS technology.

F350 is the evolution of the previous F320 model with the well established OCS technology. Improved both ergonomically and functionally. It accommodates a maximum product size 30mm larger than the previous version whilst being more compact (10 mm less wide and 300mm shorter). The rotatable display offers greater data visibility and a better access to the controls. F350 is also more flexible, allowing the housing of a greater number of sensors, with external connections for both activation and error reporting (see technical data).

About OCS Technology

With over 30 years of experience in counting sheets and security documents, B.Matic has created this original friction feeder equipped with OCS Technology ((Opposite Cantilever Shafts)). Here below are listed the main advantages:

1. A solution for the problem of the periodical replacement of the feeding belts subject to wear, simplifying greatly the task without need for specialized technicians and reducing downtimes to 3 minutes
2. A quick adjustment for products width: loosening one knob is enough to shift the complete singulating assembly, (including all the rollers, belts, etc.) simplifying operations considerably.

F350 COUNTER S is a professional machine equipped with the best technical solutions. Mechanics have been realized for Industrial use, all axial motions are realized on ball recycling, guideways and all adjustments are guided by graduated scales. Electronic with encoder ensures a perfect feeding / counting. Furthermore, for an optimal products separation, exit belts move faster than singulating belts.

F350 COUNTER S features a Touch Screen interface and an industrial PLC, therefore it can be optionally fit with optical scanners for verification or data checking on products and it can be interfaced to external computers for security applications.

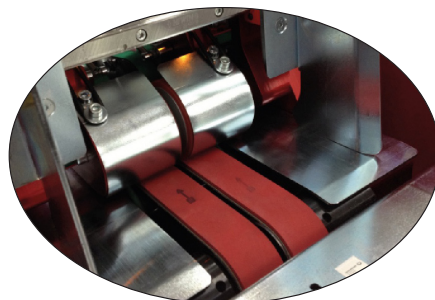
F350 COUNTER S can be used both as an in-line friction feeder or as a stand alone counter and batcher. Many accessories are available such as autoloaders and outfeed conveyors.



Rotatable Touch Screen



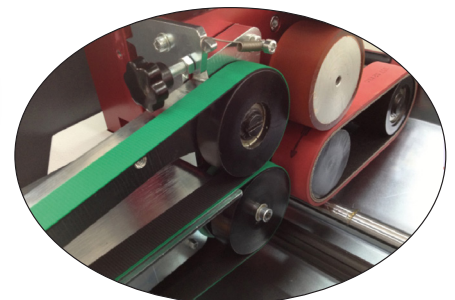
Quick setting of product size



Belt replacement in three minutes



Compact structure, max product width 350mm



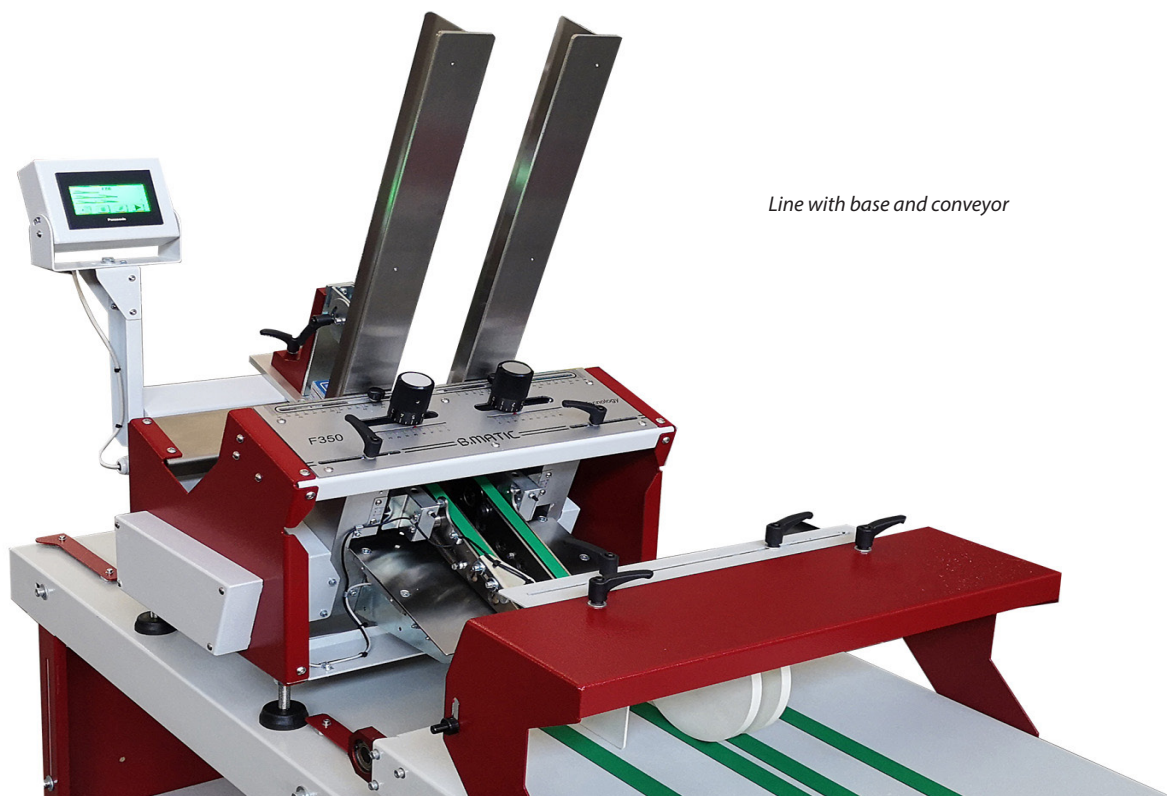
Double speed for perfect product separation

Examples of applications:- business cards - postcards- envelopes- labels / tags - even die cut non square shapes

F350 can be synchronized with the conveyor belt for start / stop and speed, allowing a simple collection of the products, also batched into lots / packages.

The conveyor belt can be easily adjusted in height and adapted to the product size.

A support base for the machine is also available, easily connectable to the conveyor belt.



Line with base and conveyor

Characteristics

• OCS Technology	X
• Max sheets counting speed (adjustable continuously)	200mt/min
• Belt replacement time on one singulating assembly	1' 30"
• Product width (min. / max.)	55 / 350 mm
• Product thickness (min / max)	100 micron (80 GSM) / 10 mm (*)
• Magazine height (mm) **	600
• Sheets Length setting to detect the joint sheets with encoder	X
• Programming of N° of sheets for batch and of pausing time	X
• Display with Total counting - Batch counting - Remainder	X
• Count cycle : automatic	X
• Connectors for START/STOP and ALARM signals for remote control	X
• Manual loading and picking of products without machine stop	X
• Graphic interface with Touch Screen	LCD 3 colours 3.8"
• PLC control unit, frequency driver and motor with encoder	X
• Dimensions (mm) and weight (kg) ***	620x510x H820(with magazine) / 60kg
• Power supply	230VAC 5A 50/60HZ
• Anti-jamming sensors	Optional
• Empty-magazine sensor	Optional
• Autoloader	Optional
• Outfeed conveyor	Optional

* 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.

*** Dimensions and weight of the main counting unit. Actual values may vary.

NOTE: We reserve the right to change some of the above parameters during manufacturing process.

F350 Complete Range

Code	Model	Type	Version	Description
F35-M01-001	F350	COMPACT	#	Friction Feeder F350 COMPACT
F35-M01-002	F350	COUNTER S	#	Friction Counter F350 COUNTER S
F35-M01-003	F350	CS VISION 1D	#	Friction Counter F350 COUNTER S VISION 1D
F35-M01-004	F350	CS VISION 2D	#	Friction Counter F350 COUNTER S VISION 2D
F35-M01-005	F350	CS VISION OCR	#	Friction Counter F350 COUNTER S VISION OCR
F35-M01-006	F350	CS MARKER	#	Friction Counter F350 COUNTER S MARKER
F35-F02-000	F350	#	#	Conveyor Belt For F350
F35-F03-000	F350	#	#	Autoloader Conveyor For F350 1,5Mt
F35-F03-001	F350	#	#	Autoloader Conveyor For F350 3 Mt



F350 Counter S with Base and Conveyor

Accessories and main spare parts

Code	Model	Type	Version	Description
F35-F20-000	F350	#	#	Stand For F350
F35-P02-G03	F350	#	#	Complete Support For PlasticCards For F350
F35-E00-G01	F350	#	#	Anti-jamming sensors for F350
F35-E00-G02	F350	#	#	Empty-magazine sensor For F350
F35-BRC-026	F350	#	#	Kit of singulation belts high performance

CE

Dealer area

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Commercial Printing

Cod: 594DBR1