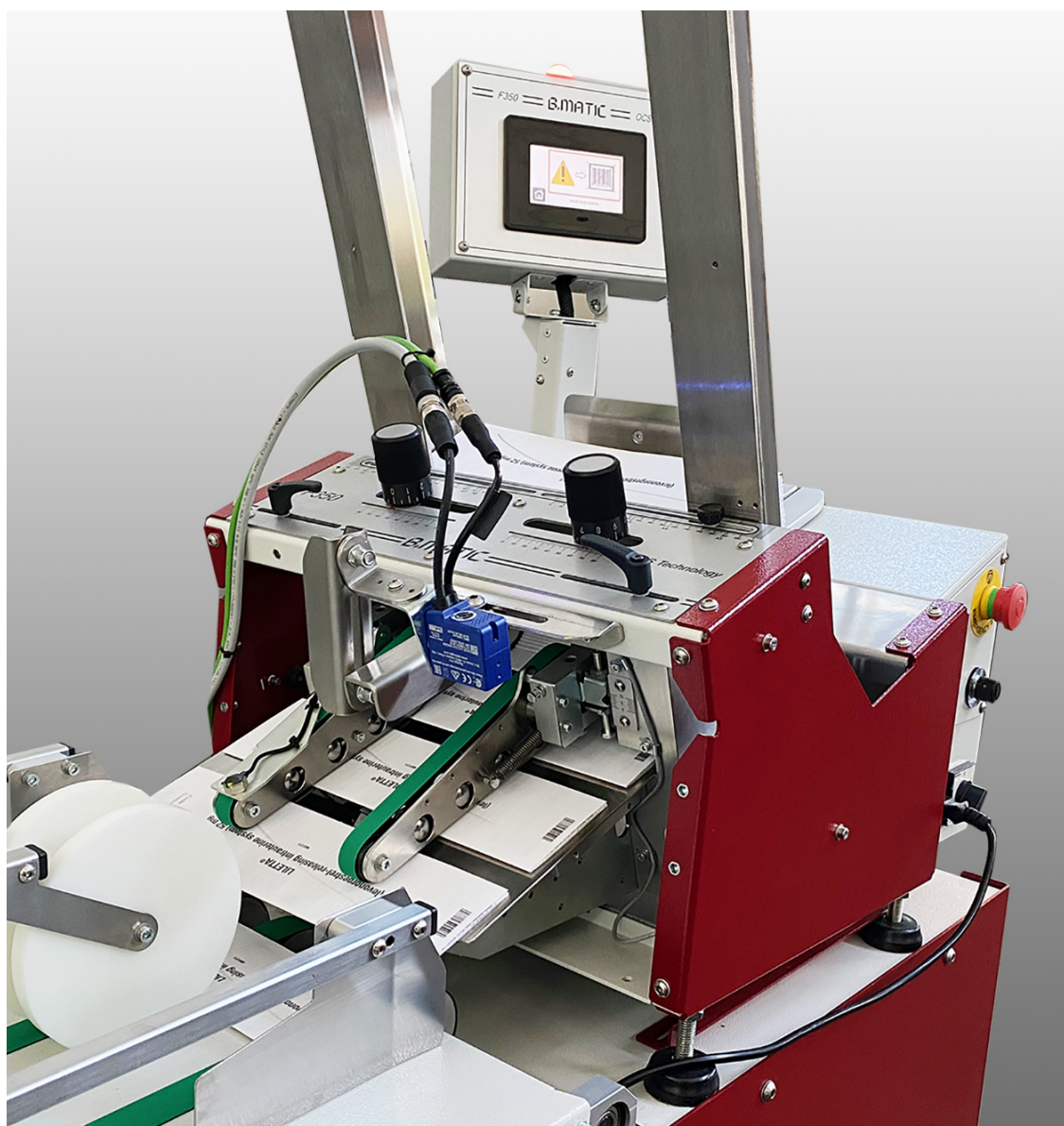


F350 Counter SC Vision

New friction feeder on OCS technology with product counting



***Feeding - Counting - Batching
for
Commercial Printing - Packaging - Security Printing***

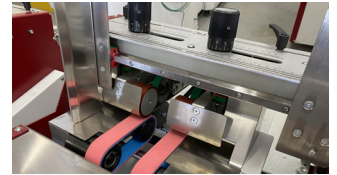
F350 Vision SC, the new friction feeder with OCS technology and Barcode reading.

F350 VISION SC is a professional friction feeder/ counter with High speed Barcode camera realized for Industrial use and easy to set. Double speed, joint products detection and mechanical parts quality make it a reliable machine for feeding, high speed counting and batching flat products up to 350mm wide. Inside industrial electronic parts and PLC.

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 (Opposite Cantilever Shafts) Technology. Here below are summarized the main advantages of OCS:

1. A solution for the problem of the periodical replacement of the feeding belts subject to wear, simplifying greatly the task 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. Axial motions are effected on ball recycling guideways and all adjustments are guided by graduated scales. Electronic with encoder ensures an accurate feeding / counting without joint sheets. Exit belts move faster than singulating belts to increase the gap between products and ensure optimal separation.



CNC precision mechanics to ensure accurate and continuous operation.

In the **F350 VISION SC** name, the letter "C" after Counter S stands for "Connectivity" in fact we have installed a larger 4.7-inch color touch screen with Ethernet interface capable of communicating with remote peripherals for machine service or for data communication. It is perfect and ready for Industry 4.0. On demand it can manage optical scanners for data or product quality verification and variable data markers. (See Vision and Marker models).

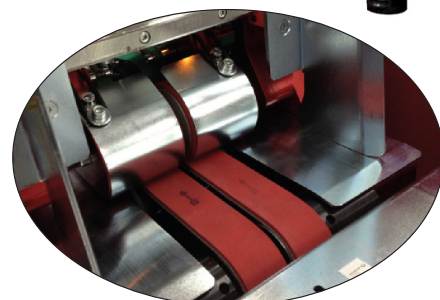
F350 VISION SC can be used both as an in-line friction feeder or as a stand-alone counter and batcher. Many accessories are available such as autoloaders and outfeed conveyors. It is perfect for security printing and commercial printing but also for packaging lines. It can be monitored and programmed remotely from a computer simplifying the operator task especially in case of multiple inline feeders.



Quick setting of product size

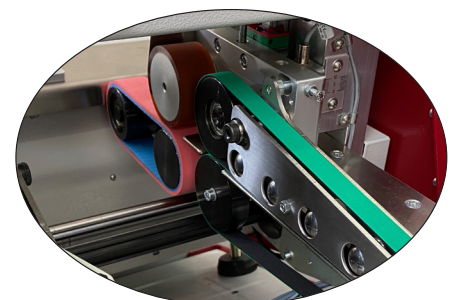


Rotatable Touch Screen 4,7" Color



Belt replacement in three minutes

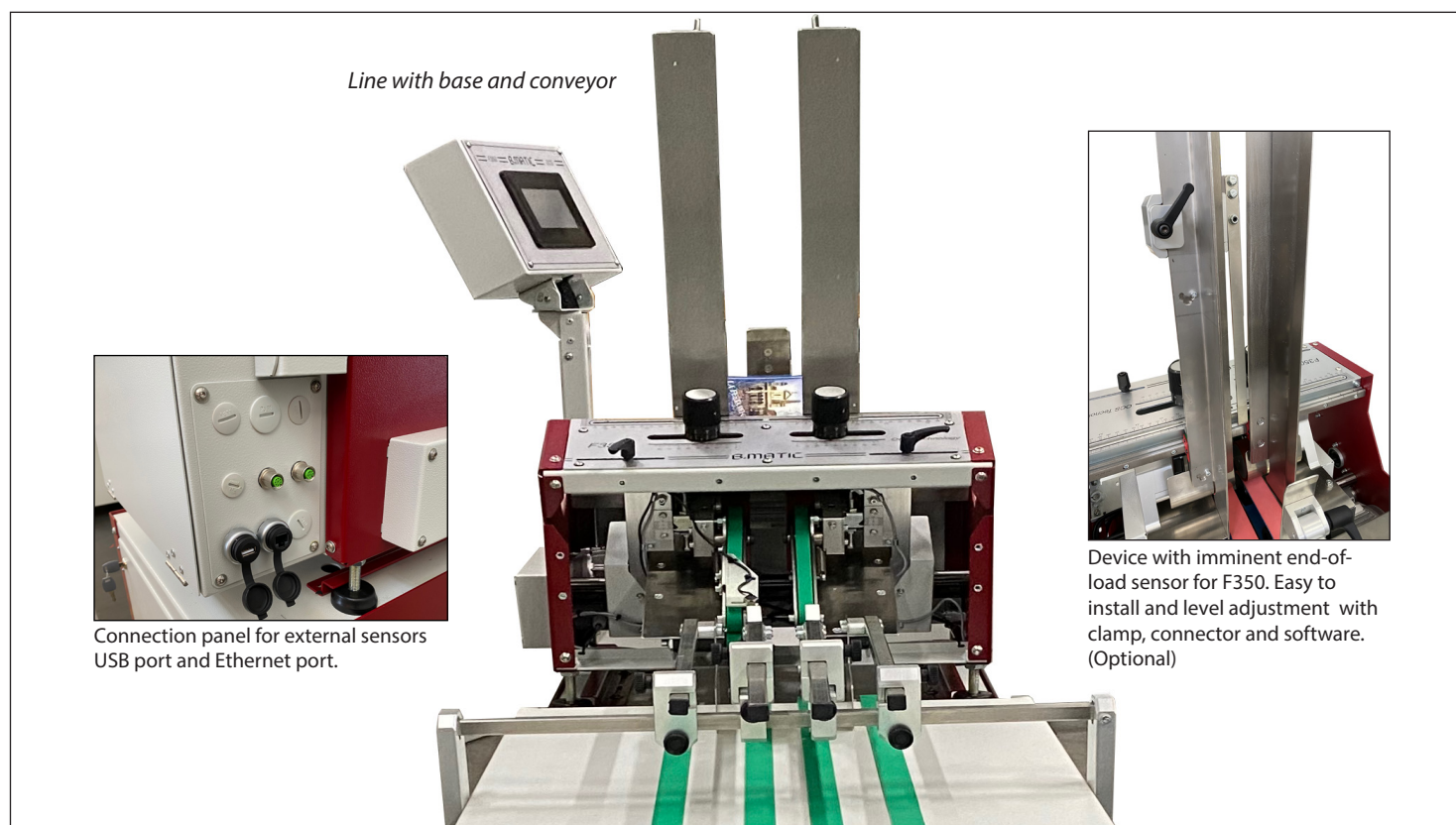
Compact structure, max product width 350mm



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 ready for packaging. 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.



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
• F350 Vision sensor high performance with bracket ****	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 4.7" Color TCP-IP
• 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
• Device with imminent end-of-load sensor for f350	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.
 **** Focus distance 105mm, Field of view 80mm x 52mm, Max resolution 640 x 480 px, Max linear speed 200mm/sec.
 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-M02-002	F350	COUNTER SC	#	Friction Counter F350 COUNTER SC
F35-M02-004	F350	SC VISION 2D	#	Friction Counter F350 COUNTER SC VISION 2D
F35-M02-005	F350	SC VISION OCR	#	Friction Counter F350 COUNTER SC VISION OCR
F35-M02-006	F350	CS MARKER	#	Friction Counter F350 COUNTER SC MARKER
F35-F02-002	F350	#	#	Conveyor Belt For F350 1,5Mt
F35-F03-002	F350	#	#	Autoloader Conveyor For F350 1,5Mt



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-G01	F350	#	#	Back-stop chute narrow
F35-P02-G04	F350	#	#	Back-stop chute large
F35-E00-G01	F350	#	#	Device for anti-jamming
F35-E00-G04	F350	#	#	Device with imminent empty-magazine sensor
F35-BRC-027	F350	#	#	Complete kit of belts for F350



Dealer area

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