

PROTEC ADR 32 ST

SHEETS COUNTING MACHINE



DESIGNED FOR HIGH SECURITY COUNTING, PERFECT FOR NORMAL PAPER

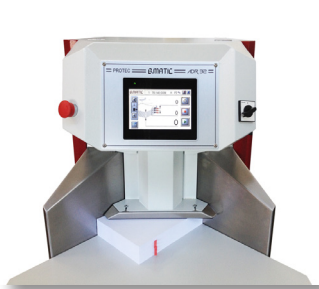
3.000 SHEETS PER MINUTE EVEN WITH TAB-INSERTION
NO CORNER CURLING AND NO SCRATCHING
FROM 40 TO 800 GSM FOR PAPER, CARDBOARD AND PLASTIC
QUICK AND SIMPLE CHANGE OVER FROM THIN TO THICK SHEETS

Commercial Sheets Counters

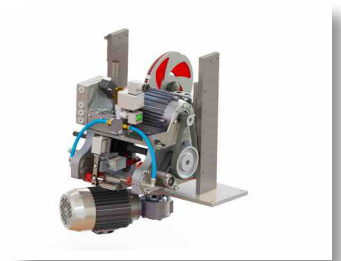
"PROTEC ADR 32 ST"
Sheets counting machine

PROTEC ADR 32 ST is the sheets counter equipped with ADR 32 counting head high performance technology. PROTEC ADR 32 ST counts without corner deformation nor scratches up to 3.000 sheets per minute. The counting is done from top downwards. This is an extremely robust machine (250 Kg of solid steel) with wide steel knock-ups and designed for a professional and durable use. The machine is programmed by a graphic high resolution touch screen panel 7" allowing communication to external networks by dedicated ports. The driving software has been completely redesigned and integrated with additional functions to speed up production cycles. A wide choice of accessory is available for any requirement. Three models are supplied for the Commercial Printing and Converting sectors detailed by the chart next page. Specific models with on purpose structure, technical solutions and software, designed to serve special security requirements, ask for the dedicated literature.

Protec ADR 32 ST Light model from 40 - 300 GSM / ADR 32 ST Hard model from 200-800 GSM / ADR 32 ST Wide model from 40-800 GSM



NEW DESIGN
WITH POWERFUL CLAMP



ADR 32 COUNTING HEAD
AT 3000 SHEETS/MIN



USB AND ETHERNET INTERFACE



WIDE TOUCH SCREEN HD 7"

ADR 32 TECHNOLOGY

Based on our 25 years long experience in sheets counting, at the end two years of research and development, we have realized the new Counting Head with "ADR 32" technology that keeps the key benefits of DUAL SYSTEM counting with twin aspiration palette without corner deformation nor scratching and displaying the widest counting range on the market.

ADR 32 can count sheets from 40 to 800 GSM and insert separation tabs at a speed reaching up to 3.000 sheets per minute thanks to a revolutionary mechanical core and to a latest generation optic fiber electronic.

This technology has been designed and realized to meet the severe standards of currency sheets counting but it is perfect also for the commercial printing, converting and packaging applications.

These are the key features:

- Anti-scratch and anti-curl system: the counting head does not press the sheets with its own weight.
- Completely redesigned mechanical core counting and tabbing up to 3.000 sheets / minute.
- Optic fiber system for reliable and precise counting.
- "Easy clips" system to change from thin to thick substrate (or vice versa) in just a few seconds.
- Counting paper, cardboard and plastic sheets from 40 to 800µM.
- Stabilizer system to count accurately paper with deformed corners.

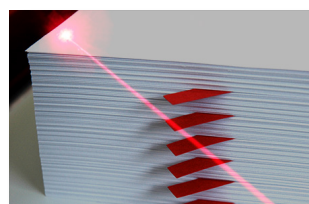
Do not miss the live demos on our YouTube channel through www.bmatic.it



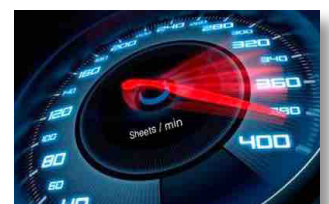
NO SCRATCH



NO CURL



OPTIC FIBER TECH



3.000 SHEETS/MIN

Commercial Sheets Counters

**"PROTEC ADR 32 ST"
Sheets counting machine**

Standard Functions

- Counting with or without pack splitting by tab insertion.
- Counting of preset quantity and stopping for pick up of counted pack and counting accumulation into General Total for multiple packs jobs.
- Display of correct machine settings for the counted paper on HD 7" wide screen.
- Up to 8 programs storing to speed up machine setting.
- Maintenance deadlines notification.
- Diagnostic system for the machine sensors.

Functions and Characteristics			
Model	Protec ADR 32 ST		
Type	L	H	W
Anti-scratch and anti-curl technology	X	X	X
Counting speed (sheets per minute) *	Max 3.000	Max 3.000	Max 3.000
Sheets weight range, GSM*	From 40 to 300	From 200 to 800	From 40 to 800
Table size standard	70x70 (cm)	70x70 (cm)	70x70 (cm)
Maximum pack height *	20 (cm)	20 (cm)	20 (cm)
Sheets size (min)**	A6	A6	A6
Optic fibre technology for counting	X	X	X
Counting head positioning system by optic fiber	X	X	X
Deformed corners accurate counting with "Stabilizer System" *	X	X	X
Tab insertion - Min sheets (with 500 sheets of 80 GSM) *	5 (10)	5 (10)	5 (10)
"Easy Clips" system for counting plates replacement	X	X	X
High definition 7" touch screen color panel with user-friendly interface	X	X	X
Counting program storing function (8 levels)	X	X	X
Air floatation table	O	O	O
Security mode with double simultaneous counting system	O	O	O
Memory card slot, ethernet connection and USB port	O	O	O
Variable tabbing function	O	O	O
Data export software and hardware	O	O	O
Table height	mm 880 (+/- 20)		
Dimensions / weight	90x75x145h (cm) - 250 (kg)		
Power supply	230VAC mono, 50/60Hz, 5A		
X = included O = optional * Technical data subject to circumstances such as sheets type, quality, weight, presentation and depending on the number of sheets in counted pack. We also reserve to update them without notice further to a development process. Images and diagrams are purely for illustrative purposes. Detailed information are to be found uniquely in the Operating and Service Manual of the machines. ** A5 without accessory, A6 or smaller (95x60 mm) with accessory.			

ACCESSORIES

- Table 70 x 100 (cm) with or without air floatation.
- Small size adapting tray.
- Synchronized pack lifters for heavy reams.
- Counting data transmission to external computers.




CERTIFICATIONS AND TESTS

ADR 32 has been submitted to intense runs of functional and duration tests such as prescribed by quality procedures according to ISO 9001 norms. Simulations of heavy duty cycles with a wide range of sheets types **, evidenced low wear levels for the mechanical parts, a perfect stability of the electronic components and of the machine software.


** Tests effected in conformity with the prescriptions of the Operating and Service Manual

Additonal B.MATIC Products

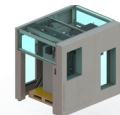
"Protec TWIN HEAD ADR 32" models with ADR 32 Technology for security and high security counting

Model	Type	Sheets / min	GSM	Sector	Picture
Protec ADR 32 TH (SH)	L	3.000	40/300	Security	
Protec ADR 32 TH (SH)	H	2.500	200/800	Security	
Protec ADR 32 TH (SH)	W	3.000	40/800	Security	

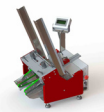
"Protec ADR 32 CM" models with ADR 32 Technology for Commercial Printing

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	


"PackMover ADR 32" models

Model	Type.	Sheets / min	GSM	Sector	Picture
PackMover ADR 32 A3	CV1/SK1	3.000	80/300	Commercial/Security	
PackMover ADR 32 70	CV/ # SK#	3.000	80/300	Commercial/Security	
PackMover ADR 32 100	CV #/SK #	3.000	80/300	Commercial/Security	

"F320" models with OCS Technology

Model	Type.	Mt/min	Thickness	Sector	Picture
F 350	Counter S	200	0,1-10 (mm)	Converting/Packaging	
F 350	CS Vision	200	0,1-10 (mm)	Security/Packaging	
F 350	CS Marker	200	0,1-10 (mm)	Converting/Packaging	

"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

Dealer area



B.MATIC

Via dei Tigli 10 - 40011 - Anzola Emilia - Bologna - ITALY

Tel: +39/051-739700 - Fax: +39/051-739761

WEB: www.bmatic.it MAIL: sales@bmatic.it youtube: B.MATIC SHEETS COUNTING MACHINES