

B.MATIC

Specialists From 1986

Counting Head Technology

ADR 32

PROTEC ADR 32

SHEETS COUNTING MACHINE



DESIGNED FOR HIGH SECURITY COUNTING, PERFECT FOR NORMAL PAPER

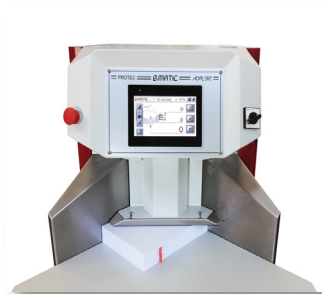
3.000 SHEETS PER MINUTE EVEN WITH TAB-INSERTION
NO CORNER CURLING AND NO SCRATCHING
FROM 40 TO 800 GSM FOR PAPER, CARDBOARD AND PLASTIC
QUICK AND SIMPLE CHANGE OVER FROM THIN TO THICK SHEETS

Commercial Printing

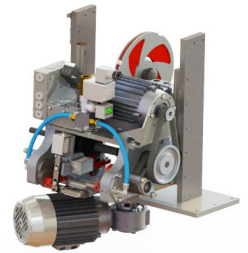
"Protec ADR 32" sheets counting machine

PROTEC ADR 32 is the sheets counter equipped with ADR 32 counting head high performance technology. PROTEC ADR 32 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.

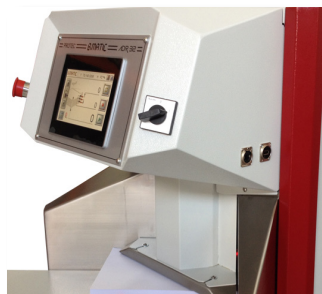
Protec ADR 32 Light model 40-300 GSM / **Protec ADR 32 Hard** model 200-800 GSM / **Protec ADR 32 Wide** model 40-800



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.

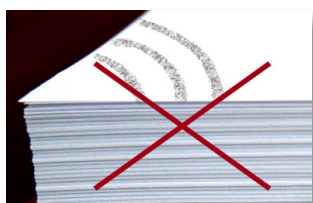
ADR 32 can count sheets from 40 to 800 GSM and insert separation tabs at a speed reaching up to 3.000 sheets per minute thanks to a revolutionary mechanical core and to a latest generation optic fiber electronic.

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.

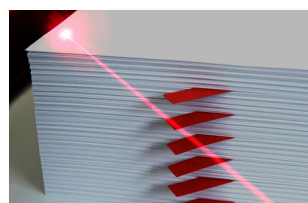
Do not miss the live demos on our YouTube channel through www.bmatic.it



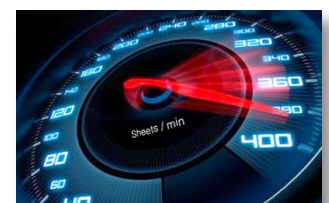
NO SCRATCH



NO CURL



OPTIC FIBER TECH



3.000 SHEETS/MIN

Technical data

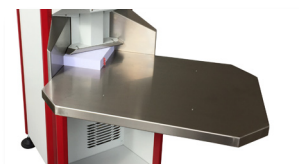
STANDARD FUNCTIONS

- 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	Protec ADR 32 L	Protec ADR 32 H	Protec ADR 32 W
Anti-scratch and anti-curl technology	X	X	X
Speed with or without tab insertion (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. ** 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 ADR 32" models with ADR 32 Technology for security and high security counting					
Model	sheets / min.	GSM	N° counting heads	Sector	Picture
LS (thin sheets)	3000	40/300	1	Security	
HS (thick sheets)	2500	200/800	1	Security	
WS (complete range)	3000	40/800	1	Security	
TLS (thin sheets)	3000	40/300	2	Security	
THS (thick sheets)	2500	200/800	2	Security	
TWS (complete range)	3000	40/800	2	Security	

"Protec CT" models with DUAL SYSTEM Technology					
Model	sheets / min.	GSM	N° counting heads	Sector	Picture
CT2	1000	40/800	1	Commercial	
CT3	1000	40/800	1	Commercial	

"PackMover ADR 32" models					
Model	sheets / min.	GSM	N° counting heads	Sector	Picture
LP (low pile)	3000	80/300	1-2	Commercial/Security	
HP (High pile)	3.000	80/300	1-2	Commercial/Security	

"F320" models with OCS Technology					
Model	mt / min.	Thickness	Devices	Sector	Picture
Counter S	200	0,1-10 (mm)	Count/batch	Converting/Packaging	
Counter S Vision	200	0,1-10 (mm)	Barcode scanner	Security/Packaging	
Counter S Marker	200	0,1-10 (mm)	Inkjet marker	Converting/Packaging	

"TAB-INSERTER" models with DUAL RIBBING Technology					
Model	tabs / sec	Tape	Devices	Sector	Picture
TAB-IN MDX / MSX	3	200mt / 80GSM	Tape deflector	Converting	
TAB-IN Counter	3	200mt / 80GSM	Photocell/Pedestal	Commercial printing	
TAB-IN Push	3	200mt / 80GSM	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