**ADR 32   Counting Head Technology**

# *PROTEC ADR 32 CM*

## *SHEETS COUNTING MACHINE*



### *SIMPLE MODEL EQUIPPED WITH LATEST TECHNOLOGY*
### *NOT CURLING NOR SCRATCHING SHEETS CORNERS*

*UP TO 2400 SHEETS PER MINUTE WITH TAB-INSERTION*
*FROM 40 TO 500 GSM FOR PAPER, CARDBOARD AND PLASTICS*
*CAN BE EQUIPPED WITH BASE AND WIDE TABLES*

**Commercial Sheets Counters**

# "PROTEC ADR 32 CM"
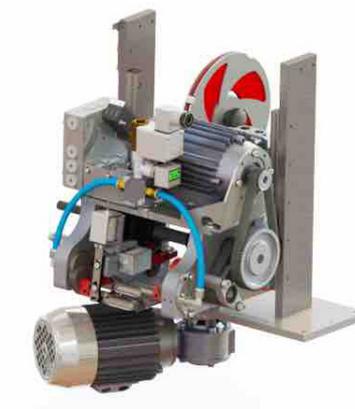## Sheets counting machine

ADR 32 technology is now available on a simplified model that grants high price/quality ratio.
This highly customizable machine can count paper, cardboard and plastic without scratching nor curling the corner of the sheets.
It counts up to 500 GSM at the maximum speed of 2400 sheets/minute, is equipped with tab inserting function to divide the ream into preset quantity of sheets, can be used with tables of various size and can also be supplied complete with base.
This extremely robust machine, made of solid steel and with wide knock-ups, is designed for a professional and durable use.
It is programmed by a 7" high resolution touch screen and a software interface updated with additional functions.
Three models are available, **1, 2 and 3,** to be equipped with a wide choice of accessories, in order to fit every need in the **Commercial Printing and Converting sectors.**


*TABLE TOP STANDARD MODEL*


*ADR 32 COUNTING HEAD*


*MODEL EQUIPPED WITH BASE AND 50x70 TABLE*


*TABLE TOP VERSION WITH 50x70 TABLE*


*MODEL EQUIPPED WITH BASE AND 70x100 TABLE*

## ADR 32 TECHNOLOGY

Based on our 30 years long experience in sheets counting field, and after years of research and development, we have realized and patented the new counting head with ADR32 Technology, that keeps the key benefits of previous DUAL SYSTEM with twin aspiration palette without corner deformation nor scratching and displaying the widest counting range on the market.
This technology has been designed and realized to meet the severe standards of currency sheets counting; this model is also perfect for commercial printing , converting, and packaging applications.

**These are Protec ADR 32 CM key features:**
• Anti-scratch , not scratching nor curling counted corner.
• Completely redesigned mechanical core reaching a maximum speed of 2400 CPMute.
• 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.
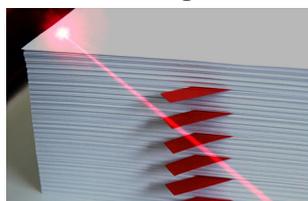• Counting paper, cardboard and plastic sheets from 40 to 500um*

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


*NO SCRATCH*


*NO CURL*


*OPTIC FIBER TECHNOLOGY*


*2.400 SHEETS/MIN*

**Commercial Sheets Counters**

# "PROTEC ADR 32 CM"
# Sheets counting machine

### Standard Functions

- Counting with or without pack splitting by tab insertion (optional).
- Counting of preset quantity and stopping for pick up; counting accumulation into General Total for multiple packs jobs.
- Display of correct machine settings for the counted paper on HD 7" wide screen.
- Diagnostic system for the machine sensors.

| Functions and Characteristics | | | |
|---|---|---|---|
| **Model** | **Protec ADR 32 CM** | | |
| **Type** | **1** | **2** | **3** |
| Anti-scratch and anti-curl technology | X | X | X |
| Counting speed (sheets per minute) * | Max 1.400 | Max 2.400 | Max 2.400 |
| Sheets weight range, GSM* | Da 40 a 150 | Da 40 a 250 | Da 40 a 500 |
| Max size on standard table | A3 | A3 | A3 |
| 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 |
| Table height | mm 880 (+/- 20) | | |
| Dimensions / weight | 83x51x79h (cm) - 145 (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.
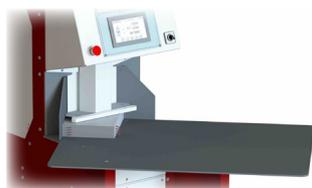We also reserve to update them without notice further to a development process. Images and diagrams are purely for illustrative purposes.
Detailed information are to be found uniquely in the Operating and Service Manual of the machines.
** A5 without accessory, A6 or smaller (95x60 mm) with accessory.

| Optional and accessories | | | |
|---|---|---|---|
| **Model** | **Protec ADR 32 CM** | | |
| **Type** | **1** | **2** | **3** |
| Table 50 x 70 (cm) | O | O | O |
| Table 70 x 100 (cm) with base | O | O | O |
| Base | O | O | O |
| Tab-insertion | O | O | O |



### CERTIFICATIONS AND TESTS

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

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

# *Other 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" 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 | |

| "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** | **Thinkness** | **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

Products
CE
Certified

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