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
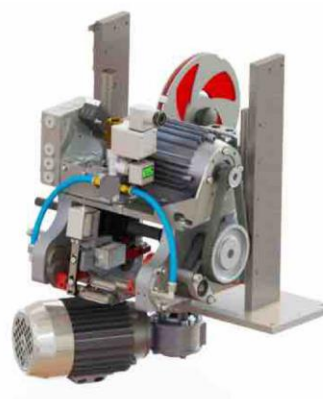
"PROTEC ADR 32 CM"
Sheets counting machine

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.

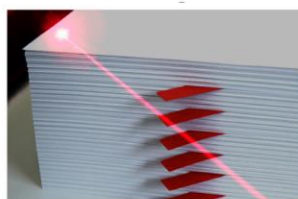**These are Protec ADR 32 CM key features:**
* Anti-scratch , not scratching nor curling counted corner.
* Completely redesigned mechanical core reaching a maximum speed of 2400 CPMute.
* Optic fiber system for reliable and precise counting.
* "Easy-clips" system to change from thin to thick substrate (or vice versa) in just a few seconds.
* Counting paper, cardboard and plastic sheets from 40 to 500um*

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

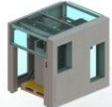### CERTIFICATIONS AND TESTS

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. Stimulation 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

"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**	**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	