

PROBAG®

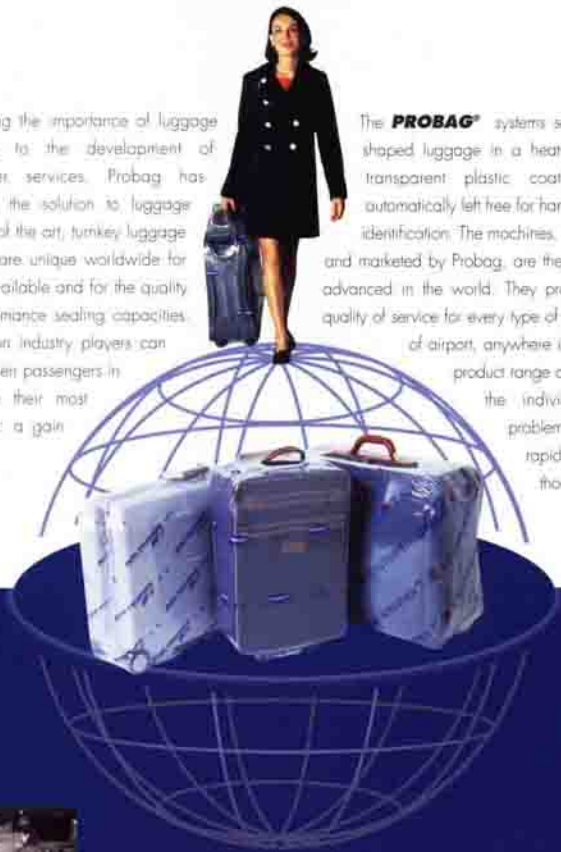


• THE WORLD LEADING BAGGAGE PROTECTION COMPANY •

PROBAG® : THE WORLD LEADING TECHNOLOGY IN
AUTOMATED SHRINKWRAP SYSTEMS FOR HOLD LUGGAGE PROTECTION

Recognizing the importance of luggage handling to the development of passenger services, Probag has designed the solution to luggage incidents. Its state of the art, turnkey luggage protection systems are unique worldwide for the broad range available and for the quality of their high performance sealing capacities. Commercial aviation industry players can now better satisfy their passengers in a bid to achieve their most important objective: a gain in market share.

The **PROBAG®** systems seal all conventionally shaped luggage in a heatshrink, resistant and transparent plastic coating. Handles are automatically left free for handling and destination identification. The machines, designed, developed and marketed by Probag, are the most technologically advanced in the world. They provide an outstanding quality of service for every type of situation, for any size of airport, anywhere in the world. Probag's product range covers all needs - from the individual protection of problem or gate bags to the rapid, systematic sealing of thousands of bags daily.



UP TO

REAL PROTECTION AND EXTRA SECURITY

Probag provides a value added service which benefits all players: airlines, airports and passengers. Probagging luggage contributes to significantly reducing luggage incidents and their related costs, either direct or image related, which can amount to millions of dollars systemwide every year.

"On average, for every five customers who have a problem, one will be lost. It costs five times more to go out and find a new customer than it does to maintain one you already have"

source TARP



Real protection

The **PROBAG**[®] seal protects luggage from damage which can be caused during transportation. All straps, cords or strings are sealed in to prevent them catching in the conveyor belt systems, and causing damage and delay.

Extra security

The seal acts as a visible deterrent against illegal openings or tampering. When placed in line with X-ray machines,

PROBAG[®] "sterilizes" luggage after scanning. Any attempt to tamper with luggage is made immediately obvious and suspect luggage can be isolated for investigation.

PROBAG[®] means passenger confidence and extra security

PROBAG[®] acts as a visible deterrent against:

- malicious tampering

PROBAG[®] protects against:

- Pilferage
- Damage and delays
- Stains, dirt and scratches
- Dampness

480 BAGS AN HOUR...

(A NEW MEDIA
FOR COMMUN



PROBAG®

A PARTNERSHIP

WORKING TOGETHER TO IDENTIFY THE IDEAL SOLUTION FOR

(A FLEXIBLE BUSINESS



Over five years of specialization in luggage protection technology has enabled Probag to develop an offer which can be adapted to suit every client - from the straightforward sale of the equipment and the plastic film to a full turnkey rental solution in which we organize, help finance and run the service for you.

COMMUNICATION

The **PROBAG** film is printable, and is the most innovative medium for communication of company advertisements and other publicity messages. By printing a company logo (or that of a partner of your choice) onto the seal, it is visible to passengers up to their final destination.

FOR SUCCESS

FOR EACH INDIVIDUAL SITUATION, ANYWHERE IN THE WORLD

PROPOSAL

We believe in remaining flexible to adjust to your individual needs. Whatever your choice, we guarantee full support and 24 hour availability to ensure that the service runs efficiently from day one, all over the world.



A COMMITMENT TO QUALITY IN BOTH PERSONNEL & MATERIAL



Both internally and externally, Probag insists on maintaining a constant, optimum level of performance.

Our success relies on us providing complete customer satisfaction.

This means a commitment to quality in both personnel and material.



• Feasibility Tests

Probag's project managers will come on site to identify with you the most appropriate location for the machine in relation to passenger flows and the type of passengers using the service.

• System Installation

The **PROBAG**® Luggage Protection Systems can be adapted for use in all environments. Our technicians will organize and carry out installations efficiently and quickly.

• Training & Personnel

Probag can provide fully trained system attendants. Equally, should you wish to provide your own staff, training is part of the service. Methods include detailed explanations with hands on experience, supported by in-depth manuals.

• Maintenance & Parts

Several levels of maintenance are available. The choice ranges from periodical preventive maintenance to on-call maintenance 24 hours a day and 7 days a week.

• Marketing Assistance

Probag's marketing department is willingly made available to you to help with ideas for communication, to staff or to passengers, concerning the service.

• Technical Assistance

In case of need, a **HOT LINE** is always available with one of our experienced technicians. By calling the number which we will communicate with the installation of the system, you will be in direct contact with the person who will be best able to help you.

PBG 1800



COMPACT
120 BAGS AN
HOUR

DESIGNED FOR QUALITY AND COST-EFFECTIVE PERFORMANCE WITH LOW VOLUMES OF LUGGAGE

The PBG1800 is the simpler of the **PROBAG**® Luggage Protection Systems and offers a quality of seal identical to that offered by the more rapid automatic models. It has been designed for use in areas in which space is limited or high speed processing is not a necessity. The PBG1800 is semi-automatic: Luggage is manually inserted in a specially designed plastic pocket and is then placed onto a receiving drawer. By simply closing this drawer, the sealing process is started. After 25 seconds, the PBG1800 automatically releases the bag, sealed and protected.



- COMPACT AND EASILY MOBILE
- SEMI-AUTOMATIC
- LESS THAN 30 SECONDS PER BAG
- USER FRIENDLY
- SAFEGUARDED AGAINST INCORRECT USE
- SPECIAL FEATURES TO GUARANTEE CORRECT POSITIONING OF LUGGAGE - HARD OR SOFT

PBG 1800 TECHNOLOGICALLY SIMPLE

The technology used to develop the PBG1800 is the most up to date, whilst remaining simple.

USER FRIENDLY

Several special features have been added to ensure that the service provided is always of an optimum quality:

- The receiving drawer is mounted on ball bearings to facilitate movement
- The receiving drawer is specially designed to ensure that all luggage - hard or soft - enter the machine in the best position for optimum sealing.

THE DESIGN, CONSTRUCTION AND QUALITY OF SERVICE PROVIDED BY THE PBG1800 FOLLOW STRICTLY THE RULES WHICH PROBAG HAS SET TO ACHIEVE THE HIGHEST STANDARD OF THE INDUSTRY, AND WHICH HAVE EARNED A REPUTATION OF PROFESSIONALISM AND RELIABILITY.

THE PBG1800 COMPLIES WITH ALL THE RULES AND REGULATIONS FOR ELECTRO-MECHANICAL EQUIPMENT IN PUBLIC AREAS AND HAS BEEN APPROVED BY MANY AIRPORT AUTHORITIES AND SECURITY COUNCILS.



RELIABLE

The PBG1800 is built using only the very best electrical and mechanical components. All parts of the body have been cut using laser precision. Its simple mechanism makes it extremely reliable even under difficult operating conditions.

EASILY MOBILE

The PBG1800 is specially designed with minimized dimensions to allow easy positioning in check-in areas with limited space. The system is mounted on efficient casters, which make it easy to move.

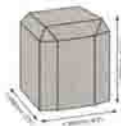
SAFE

- The PBG1800 has been made simple, but not at the expense of safety.
- The system will not work if it has not had the time to warm up to the correct temperature - the drawer will not close
 - The emergency stop button cuts the electrical supply and instantly releases the drawer
 - The PBG1800 can be closed and locked when not in use

VERY SIMPLE MAINTENANCE

Very little technical knowledge is required to carry out maintenance on the PBG1800. The mechanisms have been kept simple and efficient, minimizing the number of maintenance tasks necessary.

TECHNICAL CHARACTERISTICS OF THE PBG1800



Operating length (open)	2,150mm (7')
Conveyor height	200mm (8")
Net weight	550kg (1,200lb)
Electrical power installed	22kW
Power supply	400V or 480V, 3 phases+ground, 50/60Hz
Wrapping rate	120 bags an hour
Consumable (100% recyclable)	LDPE plastic printable film
Consumable gauge	.40 to 60µm
Item min. weight	4kg (9lb)
Item max. weight	50kg (110lb)
Item min. size	400x300x150 mm (1'3"x12"x6")
Item max. size	850x650x450 mm (2'9"x2'2"x1'6")

Mounted on casters

PBG 2950



**AUTOMATIC
480 BAGS AN
HOUR**

DESIGNED FOR QUALITY PERFORMANCE WITH VERY HIGH VOLUMES OF LUGGAGE

The PBG2950 is the result of five years of research and development and is the most sophisticated of the **PROBAG** Luggage Protection Systems. It seals baggage automatically, giving a quality service without delay even under the most difficult operating conditions.

Innovative technology allows a set of sensor cells to detect the exact size and position of any conventionally shaped bag placed onto the entrance conveyor belt. A perfectly fitting heatshrink seal is formed around the bag before it is released onto the exit mat with the handles left free automatically. The whole sealing process takes only seconds.

**THE FASTEST
LUGGAGE
PROTECTION
SYSTEM
WORLDWIDE**



- 100% AUTOMATIC
- UP TO 480 BAGS SEALED EVERY HOUR - NO DELAY TO CHECK-IN
- BAGS SEALED IN CONTINUOUS FLOW
- PROGRAMMABLE - AUTOMATIC TIMETABLED START AND STOP FUNCTIONS
- HANDLES RELEASED AUTOMATICALLY
- USER FRIENDLY

PBG2950

**TECHNOLOGICALLY THE MOST ADVANCED
IN THE WORLD**

The PBG2950 is the first of its kind in automated luggage protection systems. Its state of the art technology offers many innovative features which guarantee a service in a class of its own.

RELIABLE

In construction, only the very best electrical and mechanical components are utilized (Siemens, Allen Bradley, SKF, Omron ...) and all parts of the body have been cut using laser precision. Every quality measure has been taken to ensure that the PBG2950 remains in perfect working order, even when dealing with the heaviest volumes of luggage.

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ONE OF A KIND TECHNOLOGY

The downsized, ultra rapid shrink tunnel is the only one in the world which can seal as rapidly the variety of size and shape of luggage accepted by the PBG2950. The PBG2950 has an integrated system which automatically leaves the handles free. To assist clean and simple maintenance, the PBG2950 is built with an integrated diagnostic default assistance program.

VERSATILE

The PBG2950 can work in-line with an Xray machine to allow instant "sterilization" of luggage. It can be placed either before or after check-in, in airport lobbies or in bag rooms.

USER FRIENDLY

The PBG2950 is designed to ensure facility of use. No technical knowledge is required to operate the machine.

PROGRAMMABLE

The PBG2950 is programmable - up to 3 different programs are available for every day of the week. The PBG2950 switches itself on before the arrival of any personnel.

SAFETY MINDED

The PBG2950 can be closed and locked between services. It switches itself off instantly if, for any reason, it is not being operated in complete safety.

TECHNICAL CHARACTERISTICS OF THE PBG2950



Operating length (open).....	3,600mm (11'9")
Conveyor height.....	500mm (1'7")
Net weight.....	1,500kg (3,300lb)
Electrical power installed.....	28kW
Power supply.....	400V or 480V, 3 phases+ground, 50/60Hz
Sealing cycle.....	18 - 24 /minute
Consumable (100% recyclable).....	LDPE plastic printable film
Consumable gauge.....	40 to 60µm
Autonomy.....	800 items
Item min. weight.....	4kg (9lb)
Item max. weight.....	60kg (130lb)
Item min. size.....	400x300x150 mm (1'3"x12"x6")
Item max. size.....	1,000x850x450 mm (3'3"x2'9"x1'6")

Centralized oiling device - Mounted on casters