

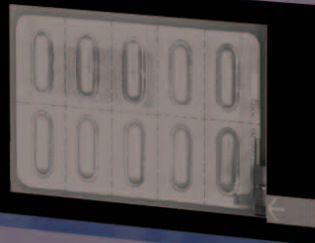
BlisPack® automatically identifies,
cuts and overwraps blister sheets.



PARACETAMOL CINFA 650MG (650mg)

MANUFACTURER	CINFA
PRODUCT CODE	6561264
FORM CODE	6561264
MANUFACTURE CODE	8470006561264
ACTIVE INGREDIENTS	PARACETAMOL 650mg
Excipients	-ACETIC ACID HYDROLYSATE
COMMENTS	
NUMBER OF TABLETS	10
NUMBER OF DOSES	Cutting and/or packing
CONCENTRATION	As above

Loaded blister



Cutting and packing

No. BLISTERS TO PROCESS	48
No. BLISTERS PROCESSED	2
No. TABLETS PROCESSED	28
No. BLISTERS WASTED	0

STOP



In progress...

HospitalLogistics

BlisPack® Turns blister sheets into unit doses

The value of experience

Grifols has been developing technological solutions, integrating software, electronics and mechanics, which improve logistics performance inside hospitals, since 1981.

At Grifols, a highly qualified team of professionals will design and implant the technology best suited to the needs of each hospital.

The BlisPack® device is Grifols' latest contribution in the complex field of hospital logistics. It increases safety in the identification, cutting and overwrapping of unit doses and is a highly efficient and valuable ally for hospital pharmacy professionals in dispensing and administering medication.

BlisPack® is the first robotic system for identifying unit doses in hospitals

Pharmaceutical companies generally supply their products to hospital pharmacies in the same packaging and size format as they do to retail pharmacies. A daily medication dose for a patient in hospital, however, is tailored to meet individual needs and the original blister packaging needs to be cut apart and over-wrapped in unit doses under strict professional supervision guaranteeing total traceability of the process.

This process, known as **Hospital Unit Dose**, is an internationally recognized standard-procedure already used in many countries and currently being introduced in others.

BlisPack® is a powerful and reliable tool which automates the time-consuming process of cutting up blister packs. Health professionals can rely on complete traceability of medication inside the hospital therefore ensuring correct distribution and avoiding medication errors.

This new achievement for Grifols' hospital logistics division is a result of continuous commitment to innovation in the hospital sector.



01



Barcode reader identifies
original packaging.



02



Blister sheets are loaded.



HospitalLogistics

BlisPack® Step by step
Signifies safety and simplicity

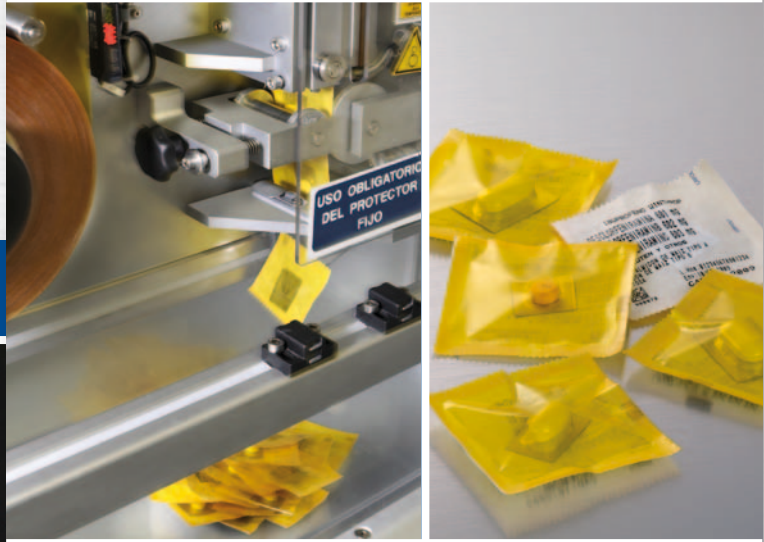
03



Confirmation of the medication loaded.



04



Cutting and over-wrapping of the unit dose.

Benefits

Unit Dose

Efficient use of medication.
Reduced levels of stock in both the warehouse and on the hospital ward.
Minimal waste from outdated products .
Optimized consumption in nursing units.
Reduced levels of inventory in central warehouses.

BlisPack®

Automatic cutting and over-wrapping of blister sheets.
Increased productivity: 1,000 units/hour.
Identifies practically 100% of all solid medications.
Essential for monitoring medication administration on the ward.
Configurable bagging and barcode printing.
Manufacturer's expiry date is respected.
Can be linked to the hospital administration/prescription system.
Reduced Inventory.

GRIFOLS

12:24

Wednesday, 20 October 2010

Blispack® GRIFOLS

SEE
ALARMS
WARNING

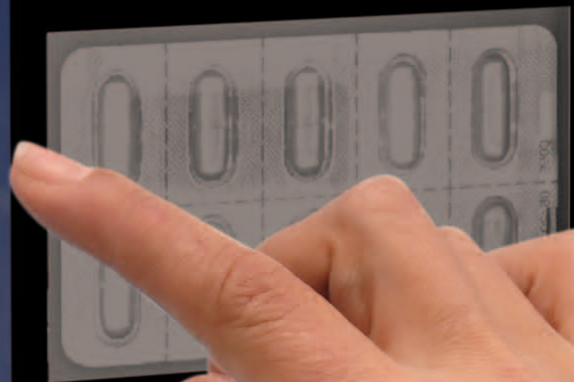
User: ADMIN (Administrator)

Perform the process of: "Cutting and packing"

PARACETAMOL CINFA 650MG (650mg)

MANUFACTURER	CINFA
HOSPITAL CODE	6561294
NATIONAL CODE	6561294
MANUFACTURER CODE	8470006561294
ACTIVE INGREDIENTS	-PARACETAMOL EFG (650mg)
EXCIPIENTS	-ACEITE RICINO HIDROGENADO
COMMENTS	
NUMBER OF TABLETS	10
ALLOWED CUTS	Cutting and/or packing
CONDITION	Added

Loaded blister



Cutting and packing

No. BLISTERS TO PROCESS	48
No. BLISTERS PROCESSED	2
No. TABLETS PROCESSED	28
No. BLISTERS WASTED	0

STOP

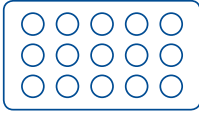
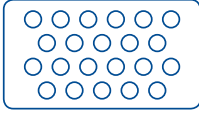

In progress...

HospitalLogistics


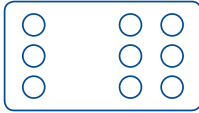
BlisPack® very versatile cutting

BlisPack® very versatile cutting

Automatic (~ 95% of all formats)

		Automatic cutting	Automatic over-wrapping
Standard:: 75% SQUARE GRIDDED DISTRIBUTION		✓	✓
Alternate: 13% ALTERNATE ROW DISTRIBUTION		✓	✓
Aluminum Type I: 7% A DOUBLE-SIDED ALUMINUM FOIL BLISTER IN A PERFORATED STRING		✓	✓

Semi-automatic (~ 5% of all formats)

Aluminum Type II: 2% SEMI-RIGID ALUMINUM BLISTER PACK		✗	✓
Atypical: 3% IRREGULAR DISTRIBUTION OF THE TABLETS		✗	✓

Technical Specifications

Translucent panels

Highly resistant paneling

Flush doors

Touch screen with 3D effect

Average output: 1,000 units wrapped per hour

Autonomy: 1 - 2 hours

Configurable wrapping and barcode printing:
2D, Matrix, EAN 128, etc.

Easy to use:

- Wide touch screen
- Barcode reader for entering products
- Error-proof: auto-diagnosis and built-in warnings; controlled shut down in case of power failure; permanent backup copy.

Completely automatic for between 85 and 95% of all blister formats

Semi-automatic alternative for the remaining 5 -15%

Long-lasting economical thermal transfer printing

Different lengths of identifying sachets.

Unit Dimensions (mm.): 1200 width, 900 depth, 1500 height

Electrical consumption: 1Kw – 220V

