



## **PALLET STRETCH WRAPPING AND STRETCH HOODERS**



CELEBRATING 25 YEARS IN BUSINESS

## PALLET PROTECTION AND TRANSPORT

**RMGroup specialise in the design and supply of Stretch Hooders, Automatic and Semi-Automatic Pallet Wrapping stations.**

At RMGroup, we are motivated to continually develop our system offerings with the latest industrial technology.

RMGroup are looking to have greater control over the quality, performance and of the service and support we deliver on our Turnkey projects. Supplying our own Pallet Wrappers and Stretch Hooders enables us to offer better value to our customers and a quality product to ensure optimum pallet presentation.

RMGroup have designed a range from our experience in the packaging and palletising industry over the last 25 years.



RMGroup have developed an in-house installation, commissioning and service team to support this range of wrappers and offer an excellent support and aftercare service.

Our parts department hold stock of spares and consumables which can be delivered next day and have global coverage to support all of our customers.

For more information on all of our pallet wrappers, stretch hooders and our latest products please visit our website:

[www.rmgroupuk.com](http://www.rmgroupuk.com)

or alternatively email

[sales@rmgroupuk.com](mailto:sales@rmgroupuk.com)



# Semi-automatic Pallet Wrapper RM-1500

The RM-1500 machine is supplied with one basic program and has limited wrapping options. It comes with a mechanical brake type film carriage system.

Entry level turntable wrapper, suitable for wrapping an adequate number of pallets per day.



## RM-1500

### Diameters

1650mm

### Turntable loading weight MAX

1200Kg

### Adjustable turntable rotation speed

From 5 to 12 rpm

### Film carriage system

Mechanical brake FM

### Standard wrapping height

2200mm

### Adjustable spool carriage speed

From 1.3 up to 5.4 m/min

### Up/down spool carriage speed

Adjustable

### Photocell detection of load height

Standard supply

### Front and rear lifting with fork lift truck

Standard supply

### Total installed power

1.00Kw

### Standard voltage

230V 50/60 Hz - 1Ph

### Output capacity

20 Pallets per hour

# Semi-automatic Pallet Wrapper RM-2000

RMGroup flexible turntable machine.

The versatile, compact semi-automatic pallet wrapper. With multi-level functionality, user-friendly touch screen controls, the RM-2000 is suitable for all industries and ensures pallets are wrapped securely and economically.



## RM-2000

### Diameters

1650 / 1800 / 2200 & 2400 mm

### Turntable loading weight MAX

2000Kg

### Horseshoe machine Max. loading weight

1200Kg

### Adjustable turntable rotation speed

From 5 to 12 rpm

### Film carriage system

Power Pre-Stretch One Motor

One stretch

### Standard wrapping height

2200mm

### Adjustable spool carriage speed

From 1.3 up to 5.4 m/min

### Up/down spool carriage speed

Adjustable

### Front and rear lifting with fork lift truck

Standard supply

### Standard voltage

230V 50/60 Hz - 1Ph

### Output capacity

30 Pallets per hour

# Automatic Pallet Wrapper RM-3000

## RM-3000

### Diameters

1800 mm  
(Pallets 1000 x 1200 mm)

### Optional turntables

2200mm

### Turntable loading weight MAX

2000Kg

### Adjustable turntable rotation speed

Max 20rpm

### Film carriage system

Unique three roller power pre-stretch

### Standard wrapping height

2400mm

### Up/down spool carriage speed

Selectable within program

### Standard conveying transport height

400mm

### Total installed power

2.5Kw

### Standard voltage

400V 50/60 Hz - 3 Ph + N + T

### Output capacity

35 Pallets per hour

This automatic turntable stretch-wrapping machine with low installation requirements, medium production capacity and compact design the, RM-3000 is the best system for small spaces and relatively stable products. State of the art film pre-stretching means secure pallets, film economy and flexible tension control. This system is a popular solution and can include a top sheet and corner post applications.



## Why use a pallet wrapping station?

- Faster and more efficient than the manual method. Higher productivity
- Less film is used. Saving money. Better carbon footprint
- Increase in Health & Safety  
Fewer accidents
- More reliable at keeping the elements out. Less damage to pallets and product



# Automatic Pallet Wrapper RM-4000

This High-speed rotary arm pallet wrapper is suitable for customers who have unstable, uneven or heavy pallet loads. Simple to install, operate and maintain, this model is the workhorse of the RMGroup range. It can be adapted to include top sheet and corner post application, as well as offering a clever twin reel head for extra capacity.



# Automatic Pallet Wrapper RM-5000

The only machine with an external pre-stretch drive system, which operates without electric sliding contacts/slip rings or other complex and expensive solutions such as electric generators. Capable of wrapping up to 140 pallet /h. Also available with double reels.

## RM-4000

### Standard diagonal pallet

1710 mm (Pallets 1100 x 1300 mm)

### Optional diagonal pallets

2000 / 2270 / 2540 / 2970 / 3250 / 3390 / 3800 / 4200 / 4600mm

### Adjustable arm rotation speed facilitated

Max 30 rpm

### Film carriage system

Unique three roller power pre-stretch

### Standard wrapping height

2400mm

### Optional wrapping height

2200 / 2700 / 3000 / 3300 3700 mm

### Up/down spool carriage speed

Selectable within program

### Standard conveying transport height

From 450 up to 550mm

### Total installed power

3 Kw

### Standard voltage

400 V - 50/60 Hz - 3 Ph + N + T

### Output capacity LS

60 Pallets an hour

### Output capacity HS

75 Pallets an hour

## RM-5000

**Standard diagonal pallet** 1700mm (Pallets 1200 x 1200 mm)

### Optional diagonal pallets

2050 / 2250mm

### Adjustable rotation speed

Max 65 rpm

### Film carriage system

Power Pre-Stretch One Motor PRS

### Standard wrapping height

2000mm

### Optional wrapping height

2200 / 2700 / 3000mm

### Up/down spool carriage speed

Selectable within program

### Standard conveying transport height

From 450 up to 550mm

### Total installed power

8 Kw

### Standard voltage

400 V - 50/60 Hz - 3 Ph + N + T

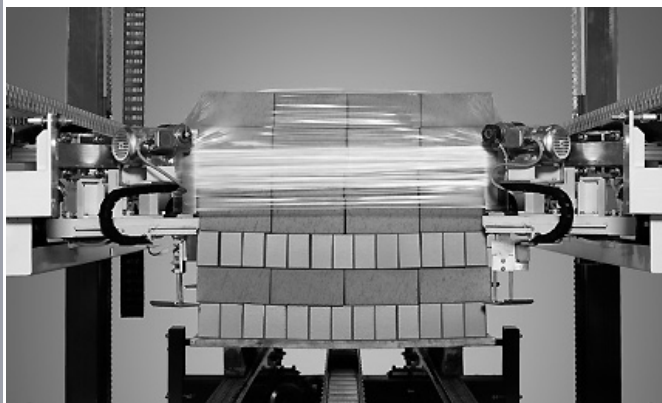
### Output capacity

90 to 110 Pallets per hour

# PALLET STRETCH HOODERS

**Pallet stretch hooding is now one of the fastest growing solutions for protecting and securing pallet loads during storage and transport.**

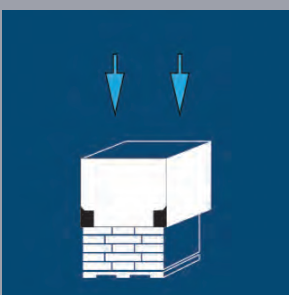
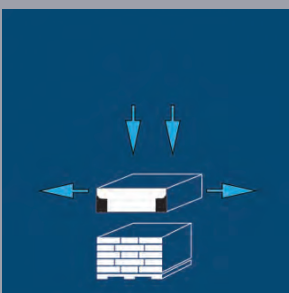
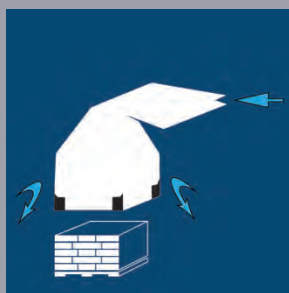
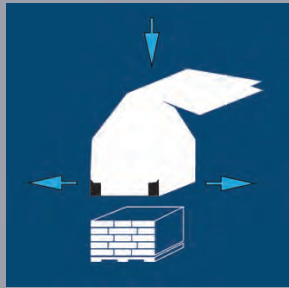
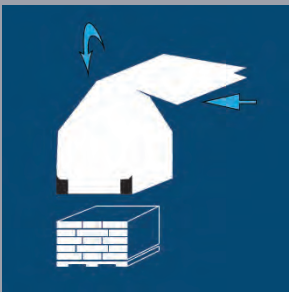
Our partner in pallet stretch hooding, Lachenmeier have been industry specialists since their foundation back in 1969. Lachenmeier have concentrated on the manufacturing of film wrapping machinery for securing pallets. For this reason, we know and trust that the needs and requirements of our customers can be met flexibly, reliably, efficiently and provide a cost-effective solution.



## Stretch hooding explained

The stretch hood machine uses reels of gusseted polythene tube, which automatically unwinds to a required length, heat seals and cuts to create a plastic bag. The bag or hood is then carefully stretched open and lowered over the product. As it is lowered, it is released where upon the stretch in the hood recovers to securely hold and protect the product.

With all the qualities of heat-shrinking systems, the stretch hood provides protection from atmospheric agents (water and dust) to many different types and profiles of palletised goods



## HIGHLIGHTS

---

- High integrity waterproofing, dustproofing and protection for outdoor storage
- Greater load stability
- Stability is improved with a combination of vertical, transversal and longitudinal stretch
- Capable of creating OPEN TOP (Band) or CLOSED TOP (Hood)
- Lower material cost
- Only 1 single layer of material covers 5 sides - an environmentally friendly reduction in film use.
- Possibility to run with transparent or coloured film, or film with printed logo / images for marketing and product identification
- Option to run perforated film
- Easy removal of packaging for end user
- Long lasting tubular reel film with reduced operator intervention and stoppages

## POWER FLEX T1

---

This stretch hooding system is a proven solution for securing loads of different heights but only one pallet footprint or pallets with a very slight difference in dimensions. Pallets are secured down to floor level by all of the hooding systems.

The Power Flex can secure 120+ loads an hour.

## BENEFITS

- **Energy saving** - motors and inverters with lower power consumption
- **Easy servicing** - unique feature of lowering the top of the machine down to floor level
- **Space saving** - small in size but large in effect
- **Film saving** - saves up to 10% film

## PRODUCTS SUITED TO HOODING

- Food
- Beverage
- Aggregates
- White goods
- Textile
- Plastic & paper sacks
- Containers
- Paper
- Building materials
- Electro-mechanics
- Glass
- Insulating Material





## Do you have unstable loads?

By using hooding technology you can minimize and prevent damages such as crushing, moving and shifting of product, damage from the elements and infestation.

- Continuous roll of high-quality gusseted film
- Automatic height adjustable depending on pallet size

The Power Flex T1 - For mainly one pallet size.

The Multi Flex1 - The fully flexible high-speed machine for variety of pallet sizes.

The Multi FlexXL - Ideal for large loads up to 3m width and 3m height.

## MULTI FLEX1

If your requirement is to hood a variety of load sizes with only one film size at a very high throughput then this system is the best solution.

The Multi Flex1 also has the capability of being fitted with several different rolls of film, this provides the ability to hood pallet loads with larger variation in size. The four-gripper system on the Multi Flex1 allows each gripper to be adjusted individually lengthways and widthways to suit each pallet size.

This Stretch hooding system can secure at very high speeds of up to 250+ loads per hour.

## MULTI FLEXL

Ideal for all and large loads. the Multi FlexXL machine is designed to wrap loads from 500 x 500 mm and up to 3200 length x 1700 width mm and a maximum height of 3000 mm.

Speeds of up to 150 loads an hour depending on product height and size.

The system makes film on the corners of the load approx. 30% thicker than normal and avoids the formation of "pouches" on the corners. At the same time, this system saves up to 10% in film consumption.





# Aftersales Service & Support

RMGroup aim to offer the highest standard of service & support to ensure the efficiency and reliability of our equipment. RM Group's dedicated service team has engineers based across the UK to ensure the best possible support can be given in a responsive time. On top of this, all our systems can be installed with remote access technology, allowing any issues to be diagnosed remotely within minutes and in most cases solved. This also allows us to make recommendations and assist customers in the early days of operating the RMGroup equipment, which ensures a smooth handover. Critical parts are also stocked in the UK to ensure next day availability, with some parts available same day.

## Warranty

All new equipment supplied by RMGroup is covered by 12 months warranty. Used equipment is supported by 6 months warranty. This covers any repair or replacement of defective parts from the date of installation. Increased warranty periods can also be offered.



## Response Package

RMGroup can offer guaranteed breakdown response as part of our Service & Support packages. This ensures you will have an engineer on site within an allotted time, making certain expensive downtime is kept to a minimum. Out of hours remote support is also available up to 24 hours a day, meaning an engineer will be on hand to offer support over the telephone, or via our remote connection tool, which offers complete access to all systems.

## Spares Packages

RMGroup endeavour to hold all consumable spares for your systems in stock. Spares can be sent on an overnight delivery and can arrive with customers before 9am the following day.

For every new system installed, a recommended spares list is provided, ensuring you have everything you need for day to day running of the equipment.

## Planned Preventive Maintenance

Scheduled maintenance carried out by our dedicated service team is essential in maximizing machinery performance equipment failure and expensive production downtime.

- Scheduled Preventative Maintenance
- Maintenance reporting
- Out of hours technical support
- Recommendations for optimising performance, longevity and safety
- Advice on programming, fault-finding and other related work
- Service & Support plans can be tailored to suit the customers requirements, including guaranteed breakdown response, out of hours support and visits per year

As standard, all systems are installed by our engineers who stay on site until operators are comfortable to manage systems alone. Any additional training can be provided at a later date





**Unit C  
Mochdre Industrial Estate  
Newtown, Powys  
Wales,  
SY16 4LE**

**☎ +44 (0) 1686 621704  
✉ sales@rmgroupuk.com  
🌐 www.rmgroupuk.com**