

## MOBILE PACKAGING SYSTEMS



CELEBRATING 25 YEARS IN BUSINESS

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RMGroup are passionate about developing innovative products for the process and packaging industry.

Customer demand to bag product from source has been the driving force behind the design and build of the mobile packaging systems. RMGroup mobile lines are robust and versatile enough to cope with rugged terrain. They can be transported to various sites and set up to bag product within the hour, thus reducing the cost of transporting product to bagging plants.

RMGroup began developing the mobile lines over 10 years ago and have since remained the leading suppliers of the fully automated packaging systems in the industry.

Our lines come complete with a full parts inventory, remote diagnosis and a recommended service maintenance plan. We understand that in order to reach their full potential, the lines must be serviced regularly and advise all of our customers on putting provisions in place.

## Advantages of mobile bagging systems

- Reduced haulage costs
- No application for planning consent
- Manual and automated system options
- Bag product from source in various destinations
- All weather resistant trailers/containers
- New and used options

Detailed in this brochure are examples of some of our mobile bagging systems.

For more information on all of our mobile lines and latest products please visit our website:

[www.rmgroupuk.com](http://www.rmgroupuk.com)  
or alternatively email

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



# Bringing contract packaging services to you

Our Mobile Packaging Systems provide the ideal solution to various problems that packaging companies face. Companies that pack product on a seasonal basis, or perhaps companies that currently sub contract their contract packing that cannot justify the cost of installing a fixed bagging line, or perhaps companies with existing packaging lines that are failing to meet their production demands.

Typically mobile lines are hired out or can be supplied as a contract packing service, where we would supply the complete packing service to include the packaging machinery, line operators, loading and off loading machinery/personnel and power supply.

## Now available for hire/contract packaging...

The fully automated LTF-800 can be hired out on a weekly basis, or with an operator for contract packaging. The high speed packaging system has the capability to bag 800 25Kg bags in one hour. The line comes complete with a Stainless steel 10 tonne hopper and in-feed conveyor, form fill and seal packaging system, bag preparation conveyors and palletising system. The LTF-800 is suitable for lengthy production runs with minimal product changeovers.

Also available is the LTM-600. A semi-automated system designed for manual placement of pre-made bags. This packaging line is ideal for customers who have their own stock of pre-made bags, or those that require regular product changeovers. The LTM-600 comes complete with an 8 tonne hopper in-feed, electronic twin load cell weighing system, bag handling conveyors and robot palletising system. This particular system is easy to operate, allowing the user to switch between various products, bag sizes and stacked pallet layout for effortless bagging.

To hire either of our mobile bagging lines RMGroup simply require a sample of product, bag sizes and pallet stack patterns prior to making a booking. For customers hiring on a weekly basis you will require a generator to power the line, a Telehandler to load, and a FLT to take filled pallets off the out-feed. More information on hire requirements are available from RMGroup.

## Options to include

- Handheld stitching units for paper/polyethylene bags
- Screening systems for fines
- Larger hopper capacity
- Option of including Auger feeding system for powdered products
- Feed conveyor for improved in-feed speed.
- Slip shot hopper lining
- Continuous heat sealer and filled bag conveyor





## LTF-800

### Form, Fill and Seal Mobile Bagging Line

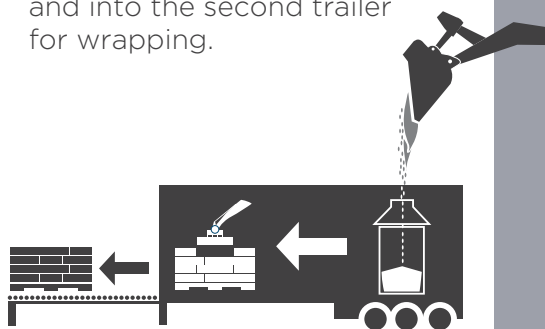
#### Fully automated mobile packaging system

RMGroup designed a mobile line that epitomizes effortless bagging. The LTF-800 includes form, fill and seal technology and an ABB 460 robot palletising system. The system is capable of bagging 800 small bags an hour. Its reliability, high throughput and lower running costs prove to be advantageous to our customers.

Bulk material is fed into the line by means of a bulk hopper and in-feed conveyor; product is then accurately weighed prior to being dosed into the form fill and seal (FFS) machine. Flat film on a reel is drawn through the Vertical FFS machine and sealed around a forming tube to create a perfectly sealed pillow or gusseted bag. Bags are then conveyed down the line through a bag flattener and check weigher to the high-speed

ABB palletising system. A pallet magazine discharges an empty pallet into the system where it is loaded with bags and then conveyed out of the line. One operator is required to supervise with an additional operator loading bulk material and off loading filled pallets.

This system can be complimented with an independant wrapping trailer. Pallets are ejected from the bagging/palletising trailer and into the second trailer for wrapping.



### Line Specifications

**Max. Throughput** 900 Bags an hour\*

**Suitable products** Salt, Aggregates, Wood pellets, Animal feed, Power, Peat/Compost, Coal.

**Bag Sizes**  
10 - 25 Kg  
**FFS Reel Size**  
1000mm(l)x 600mm(d)

**Pallet layout**  
5/7 Bag pattern

**Equipment includes**  
Hopper  
In-feed conveyor FFS FPK44  
Bag flattener, Robot palletising, Pallet Magazine, Out feed conveying

**Dimensions** 13500mm(l)  
2500mm(w)  
4200mm(h)

**Power Supply** 125kva, 112amp, 3 phase, generator/mains

**Independent air supply**  
Air compressor and receiver

Heater

Dehumidifier

**Personnel required**  
One to supervise line and one to load

\*Product and operator dependant

## Line Specifications

Max. Throughput  
600 bags an hour \*

Suitable products  
Aggregates, Coal, Animal feeds, Rock salt, Wood pellets,

Bag Sizes  
10-25Kg

Pallet layout  
Any

Equipment includes

Inlet Hopper  
Heat sealer  
Turner & Flattener Pallet maga  
ABB Robot palletising  
Dimensions  
(Trailer Assembled)  
13500mm(l)  
2400mm(w)  
3755mm(h)

Power Supply  
125Kva, 60 amp, 3 phase

Generator/mains

Air supply  
Included

Personnel required One to supervise the line



## LTM-600 Semi Automated Mobile Bagging Line

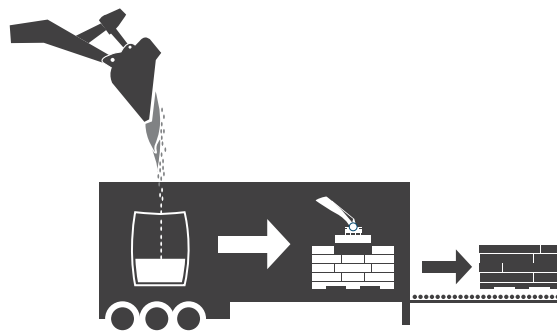
### Mobile bagging systems for pre-made bags

The LTM-600 combines manual placement of pre-made bags with robot palletising system. This particular model from our mobile bagging range allows users to switch between bag sizes with freedom, making this line extremely versatile particularly with pre-packed aggregate suppliers who pack various branded aggregates.

As a comparison against automated systems, previous customers who have purchased the LTM-600 easily reach similar throughputs to fully automated systems of this kind for pre-made bags.

As standard RMGroup install an inlet hopper feed system, load cell bag clamp, continuous heat sealer and bag preparation conveying. The ABB robot palletising system includes pallet magazine and pallet accumulation. Filled pallets are ejected from the line through a controlled speed door, and onto gravity conveying. Also included is a compressor to deliver the correct air supply to the line, and a heating system to maintain an ambient temperature and warm environment for bagging.

Whatever your budget, RMGroup can help. Please contact us to arrange a viewing of the LTM 600.



\*Product and operator dependant



## Line Specifications

Max. Throughput  
600 bags an hour\*

Suitable products  
Aggregates, Coal,  
Animal feeds,  
Rock salt,  
And much more

Bag Sizes  
Various

Pallet layout  
Standard and  
Euro Pallets

Equipment includes  
Electronic Weighing,  
Heat sealer,  
Turner & flattener,  
ABB Robot palletising

Dimensions  
(Trailer Assembled)  
13500mm(l)  
2400mm(w)  
3755mm(h)

Power Supply  
125Kva, 60 amp, 3 phase.

Air supply  
Included

Personnel required  
One to place bags on  
spout, Load hopper and  
remove full pallets

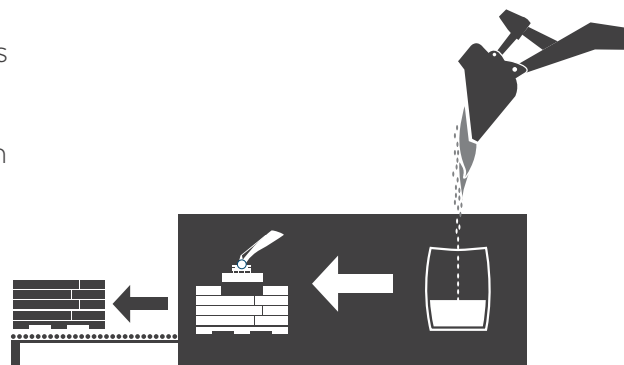
\*Product and operator  
dependant

# CTM-600 Manual Contained Bagging Line

The CTM-600 is a semi-automated manual bagging line built within a shipping container. Product is conveyed into the container via an externally placed Hopper and in-feed conveyor. Depending on your budget, the CTM can be built as a manual system or with ABB robot palletising for a more automated method of bagging product.

This system provides the ideal solution for those looking to bag product who have minimal space to build a fixed line at their premises. The container is delivered to site built and ready for operation, training is provided by our technicians on site.

As with any of our mobile lines, the CTM-600 can be built to suit your product specification. It requires manual placement of bags, which gives users much more flexibility to use larger bag sizes. Previous systems include one for coal, compost and grit salt. To view a CTM 600 please contact the sales team at RMGroup. Alternatively a video of the line operating can be seen on our website.



# Aftersales Service & Support

RMGroup aim to offer the highest standard of service & support to ensure the efficiency and reliability of our equipment. RMGroups dedicated service team has engineers based across the UK to ensure the best possible support can be given in the quickest possible 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 RM 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





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