

# LOADHEG

RETURNABLE PACKAGING

Product Guide



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Look out for the Hogmark™ on our products.  
A symbol of quality, innovation and environmentally friendly packaging.



## An introduction to Loadhog

Loadhog is a multi-award winning, employee owned, UK manufacturer, dedicated to the design and manufacture, sale and pooling of Returnable Transit Packaging solutions across a diverse range of industries.

We are firmly committed to reducing logistics and packaging waste and are known for our genuine innovation in manufacturing products that provide benefits throughout the supply chain.

As market leading innovators we continue to work in partnership with our customers to develop cutting edge solutions that change the face of global supply chains.

We are founder members of GLIDE which preserves our unique employee ownership culture and values for present and future employees.

**We're committed to introducing new, patented products designed with the express purpose of solving problems.**

**Innovation in Returnable Packaging**

Based at our head office in Sheffield, we have a purpose built creative workspace. Our team of designers and engineers sit in an extensive engineering workshop with modern 3D printing and rapid prototyping facilities focusing on delivering the best in returnable packaging.

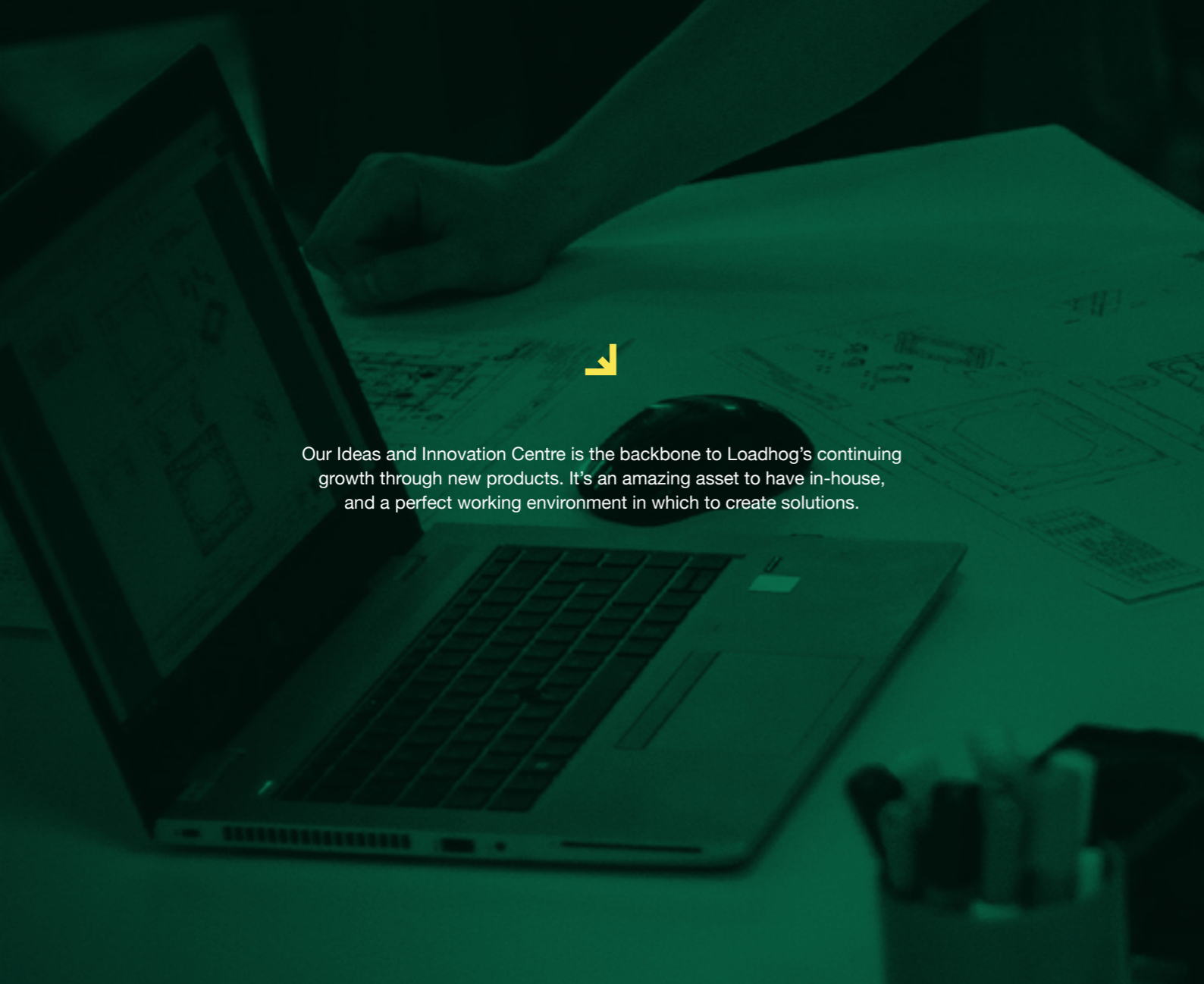
**R&D Objective**

We work in consultation with our customers to better understand their challenges; this is essential in achieving solution-led product goals. Our customers play an important part in achieving our R&D objective; 25% of our turnover must come from products less than four years old.

This instils a drive within all employees to invent, challenge and implement the latest innovation. As we design and develop a new product, we drive the patenting process; this has proven to be the keystone of our success.



Globally acclaimed quality and service.



Our Ideas and Innovation Centre is the backbone to Loadhog's continuing growth through new products. It's an amazing asset to have in-house, and a perfect working environment in which to create solutions.



# Our products

We design and manufacture unique products for a wide range of industries with the purpose of;

- Reducing labour, transport and consumable costs
- Maximising handling efficiency
- Increasing vehicle fill
- Eliminating packaging waste
- Reducing carbon footprint
- Increasing security of goods
- Saving costs / saving money

# Make it your own

We offer special product configurations to ensure the solution provided is the best possible solution for you;

- Discuss your product configuration with your sales representative
- Choose virgin or reprocessed material, subject to application and/or environmental considerations
- Select a standard or custom colour
- Choose digital, hot foil or embossed branding
- Even select the colours & branding on Pallet Lid straps
- Decide on labelling locations & identification features
- Choose which accessories are needed to benefit the handling of your packaging

## Containers

A range of robust, reusable containers designed and tested to ensure they are fit for a wide range of industrial applications, embedded with ergonomic handling and innovative design features that reduce labour and transport costs.

## Loadhog Container Range

### Helios 64



#### 600 x 400 mm

The Helios is the original Loadhog ALC featuring an innovative tessellating lid design, reducing the likelihood of damage and allowing for greater logistics gains and increased vehicle fill.

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### Apollo 64



#### 600 x 400 mm

Designed to work with automation equipment, future-proofing your business as well as delivering an increased level of security with an innovative hinge-pin design.

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### Apollo 43



#### 400 x 300 mm

The smallest ALC within the range with an innovative hinge-pin design, maximizing the security of goods within, and a textured base designed to reduce noise pollution on conveyor systems.

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### Artemis 64



#### 600 x 400 mm

The stepped wall ALC within the range, compatible with automation equipment with a strengthened base and an increased level of security due to the innovative hinge-pin design..

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### Collapsible Container 64



#### 600 x 400 mm

Loadhog's ergonomic collapsible container is a strong, lightweight and versatile tote able to reduce down to 1/5 of its height within its own footprint.

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### Half Pallet Container



#### 1000 x 575 mm

The Half Pallet Container is the world's largest ALC, with integrated pallet feet and a reinforced base. When consolidated with the Loadhog Pallet Lid it can be used as a versatile modular end to end packaging system.

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### Stack & Nest 43



#### 400 x 300 mm

The Stack & Nest Container is a 400 x 300 x 190 container that stacks when full and nests when empty. It is extensively used in the postal industry as a mail tray as well as being used in the manufacturing industry for small parts.

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# Attached Lid Container - Helios 64

CLIENT CASE STUDY P58 & P60

The Helios is the original Loadhog ALC featuring an innovative tessellating lid design, reducing the likelihood of damage and allowing for greater logistics gains and increased vehicle fill.

### Key Benefits



**Increase vehicle fill up to 10%**  
The ALC Helios' nesting lids provide complete tessellation saving room when stacked in comparison to inefficient competitor lids and increase vehicle fill when returning empties.



**Snap fitting lids**  
The quick and easy snap-fitting lids aid stock management and enable quick damage replacement.



**Reduced likelihood of damages**  
The lids do not overhang due to the unique patented design reducing damages when stacking the container.



**Pally and Lid compatible**  
All of our containers work in conjunction with the Loadhog Pally & Lid system to provide the ultimate RTP solution, completely eliminating one-trip packaging.



**Swap out scheme**  
We offer the opportunity to swap any old, damaged or unwanted containers in part exchange.

### Accessories & Options



**ALC Label Holder**  
Identification features such as barcode and RFID labelling can be provided for tracking your goods.



**ALC Security Seals**  
Security seals available for various levels of security requirements.

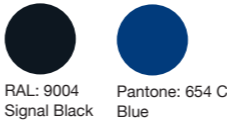


### Product configuration

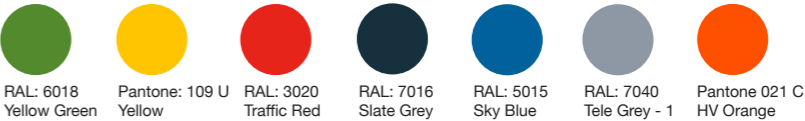
We offer special product configurations to ensure the solution provided is the best possible solution for you.



#### Standard Stock Colours



#### Favoured Colours (MOQs Apply)



#### Digital & Hot Foil Printing

Position:  
Max Size Digital: 85mm (H) x 290 mm (W)  
Max Size Hot Foil: 175mm (H) x 260 mm (W)

### Specification sheet

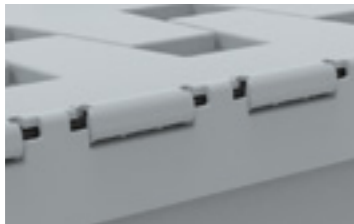
All dimensions are nominal and subject to manufacturing tolerances.

Helios height (mm)	250	310	365	400
Material	High impact polypropylene	High impact polypropylene	High impact polypropylene	High impact polypropylene
External top (mm) length x width	600 x 400	600 x 400	600 x 400	600 x 400
External base (mm) length x width	539 x 361	532 x 356	526 x 350	526 x 348
Internal top (mm) length x width	547 x 370	547 x 371	547 x 371	547 x 371
Internal base (mm) length x width	530 x 355	527 x 351	521 x 346	506 x 345
Nesting pitch (mm)	108	108	108	108
Usable height (mm)	215	275	330	365
Capacity (Litres)	40	52	63	69
Weight (kg)	2.5	2.8	3.0	3.2
Payload static (kg) repro / virgin	35 / 50	35 / 50	35 / 50	35 / 50
Payload dynamic (kg) repro / virgin	20 / 35	20 / 35	20 / 35	20 / 35
Stacking load static (kg) repro / virgin	250 / 350	250 / 350	250 / 350	250 / 300
Stacking load dynamic (kg) repro / virgin	125 / 175	125 / 175	125 / 175	125 / 175
Temp resistance	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Pallet type	UK	UK	UK	UK
Quantity on pallet	90	85	85	80
Pallet height (m)	2.25	2.18	2.24	2.20

## Attached Lid Container - Apollo 64

The Apollo ALC range is designed to work in conjunction with automation equipment as well as deliver an increased level of security with a concealed hinge pin design.

### Key Benefits



**Secure hinge pin design**  
This concealed hinge pin offers an increased level of security protecting high value goods within.



**Working with automation systems**  
The Apollo has a collar design to work in conjunction with automation machinery within supply chains today.



**Secure Banding**  
Non-slip ribbing on the Lid assures banding is secure.



**Pally and Lid compatible**  
All of our containers work in conjunction with the Loadhog Pally & Lid system to provide the ultimate RTP solution, completely eliminating one-trip packaging.



**Textured base**  
The textured base is designed to prevent unwanted movement on conveyor systems which can cause delays in automation lines. Automation sensors can also sometimes bounce off a base if it's not textured.



**Swap out scheme**  
We offer the opportunity to swap any old, damaged or unwanted containers in part exchange.

### Accessories & Options



**ALC Label Holder**  
Identification features such as barcode and RFID labelling can be provided for tracking your goods.



**ALC Security Seals**  
Security seals available for various levels of security requirements.




### Product configuration


We offer special product configurations to ensure the solution provided is the best possible solution for you.





**Standard Stock Colours**


  
RAL: 9004  
Signal Black


**Favoured Colours (MOQs Apply)**


  
Pantone: 654 C  
Blue


  
RAL: 6018  
Yellow Green


  
Pantone: 109 U  
Yellow

  
RAL: 3020  
Traffic Red

  
RAL: 7016  
Slate Grey

  
RAL: 5015  
Sky Blue

  
RAL: 7040  
Tele Grey - 1

  
Pantone 021 C  
HV Orange



**Digital & Hot Foil Printing**

Position:	Central on long side
Max Size Digital:	85mm (H) x 290 mm (W)
Max Size Hot Foil:	175mm (H) x 260 mm (W)

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Apollo height (mm)	250	310	367	400
Material	High impact polypropylene	High impact polypropylene	High impact polypropylene	High impact polypropylene
External top (mm) length x width	600 x 400	600 x 400	600 x 400	600 x 400
External base (mm) length x width	539 x 361	532 x 356	532 x 351	526 x 348
Internal top (mm) length x width	547 x 370	547 x 370	547 x 370	547 x 370
Internal base (mm) length x width	530 x 355	527 x 351	522 x 342	506 x 345
Nesting pitch (mm)	108	108	108	108
Usable height (mm)	228	288	335	368
Capacity (Litres)	40	52	63	69
Weight (kg)	2.5	2.8	3.4	3.2
Payload static (kg) repro / virgin	35 / 50	35 / 50	35 / 50	35 / 50
Payload dynamic (kg) repro / virgin	20 / 35	20 / 35	20 / 35	20 / 35
Stacking load static (kg) repro / virgin	250 / 350	250 / 350	250 / 350	250 / 300
Stacking load dynamic (kg) repro / virgin	125 / 175	125 / 175	125 / 175	125 / 175
Temp resistance	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Pallet type	UK	UK	UK	UK
Quantity on pallet	90	85	85	80
Pallet height (m)	2.11	2.15	2.23	2.26

## Attached Lid Container - Apollo 43

The smallest ALC within the range with an innovative hinge-pin design, maximizing the security of goods within, and a textured base designed to reduce noise pollution on conveyor systems.

### Key Benefits



**Secure hinge pin design**  
This concealed hinge pin offers an increased level of security protecting high value goods within.



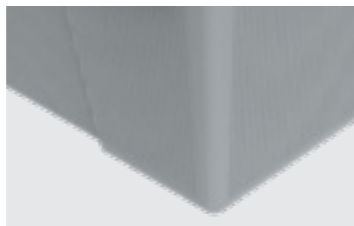
**Working with automation systems**  
The Apollo has a collar design to work in conjunction with automation machinery within supply chains today.



**Secure Banding**  
Non-slip ribbing on the Lid assures banding is secure.



**Pally and Lid compatible**  
All of our containers work in conjunction with the Loadhog Pally & Lid system to provide the ultimate RTP solution, completely eliminating one-trip packaging.



**Easy label remove ribbing**  
The ribbed area on the side of the 400 x 300 is designed to make label removal easier and faster.



**Textured base**  
The textured base is designed to prevent unwanted movement on conveyor systems which can cause delays in automation lines. Automation sensors can also sometimes bounce off a base if it's not textured.

### Accessories & Options



**ALC Label Holder**  
Identification features such as barcode and RFID labelling can be provided for tracking your goods.












**ALC Security Seals**  
Security seals available for various levels of security requirements.



### Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



Standard Stock Colours	Favoured Colours (MOQs Apply)							
								
RAL: 9004 Signal Black	Pantone: 654 C Blue	RAL: 6018 Yellow Green	Pantone: 109 U Yellow	RAL: 3020 Traffic Red	RAL: 7016 Slate Grey	RAL: 5015 Sky Blue	RAL: 7040 Tele Grey - 1	Pantone 021 C HV Orange



### Digital & Hot Foil Printing

Position:	Central on long side
Max Size Digital:	85mm (H) x 290 mm (W)
Max Size Hot Foil:	85mm (H) x 260 mm (W)

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Apollo height (mm)	264	306
Material	High impact polypropylene	High impact polypropylene
External top (mm) length x width	400 x 300	400 x 300
External base (mm) length x width	350 x 257	350 x 257
Internal top (mm) length x width	363 x 270	363 x 270
Internal base (mm) length x width	345 x 252	345 x 252
Nesting pitch (mm)	108	108
Usable height (mm)	245	287
Capacity (Litres)	22	25
Weight (kg)	1.77	1.92
Payload static (kg) repro / virgin	35 / 50	35 / 50
Payload dynamic (kg) repro / virgin	20 / 35	20 / 35
Stacking load static (kg) repro / virgin	250 / 350	250 / 350
Stacking load dynamic (kg) repro / virgin	125 / 175	125 / 175
Pallet type	UK	UK
Quantity on pallet	162	153
Pallet height (m)	Max 2.2	Max 2.2

## Attached Lid Container - Artemis 64

The Artemis ALC, with a stepped wall, is designed to work in conjunction with automation equipment as well as deliver an increased level of security with a concealed hinge pin design and a strengthened base presenting ultimate toughness.

### Key Benefits



#### Strengthened base

The base of the Artemis has been strengthened with additional ribbing which not only increases impact resistance but also improves conveyor detection and decreases noise pollution.



#### Secure hinge pin design

This concealed hinge pin offers an increased level of security protecting high value goods within.



#### Working with automation systems

The Artemis has a collar design to work in conjunction with automation machinery within supply chains today.



#### Pally and Lid compatible

All of our containers work in conjunction with the Loadhog Pally & Lid system to provide the ultimate RTP solution, completely eliminating one-trip packaging.



#### Compatible with other stepped totes

The stepped wall design of this container works in partnership with other stepped wall containers on the market.



#### Secure Banding

Non-slip ribbing on the Lid assures banding is secure.

### Accessories & Options



#### ALC Label Holder

Identification features such as barcode and RFID labelling can be provided for tracking your goods.



#### ALC Security Seals

Security seals available for various levels of security requirements.



### Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



#### Standard Stock Colours



RAL: 9004  
Signal Black

#### Favoured Colours (MOQs Apply)



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 7016  
Slate Grey



RAL: 5015  
Sky Blue



RAL: 7040  
Tele Grey - 1



Pantone 021 C  
HV Orange



#### Digital & Hot Foil Printing

Position:  
Max Size Digital:  
Max Size Hot Foil:

Central on long side  
85mm (H) x 290 mm (W)  
85mm (H) x 260 mm (W)

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
External length	600
External width	400
External height	368
Internal length Top / Base	552 / 520
Internal width Top / Base	370 / 338
Internal height	330
Nesting pitch	123

Volume	
Usable height	330 mm
Capacity	62 litres

Material	
Material	High impact polypropylene
Temp resistance	-20°C to +40°C

Pallet quantities	
Pallet type	Euro
Quantity per pallet	60
Height	2.23m
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

Weight and performance (kg)	
Weight	3.18
Payload static	repro 35 / virgin 50
Payload dynamic	repro 20 / virgin 35
Maximum stacking load	repro 250 / virgin 350
Dynamic stacking load	repro 125 / virgin 175

## Collapsible Container 64

Loadhog's ergonomic collapsible container is a strong, lightweight and versatile tote able to collapse to a smaller proportion of it's height within it's own footprint.

### Key Benefits



**Space saving return efficiencies**  
The Collapsible Container boasts a stacking ratio of up to 5:1 increasing vehicle fill when returning empties and saving storage space in the warehouse.



**Vertical bump fit walls**  
Walls remain vertical without handling making it easier for user to collapse and construct the tote.



**Reinforced corners and base**  
Increases capacity, impact resistance and durability.



**Fully Integrated Lids**  
Fully integrated lids are available for protection of goods within.



**Pally and Lid compatible**  
All of our containers work in conjunction with the Loadhog Pally & Lid system to provide the ultimate RTP solution, completely eliminating one-trip packaging.



**Multiple heights available**  
The Collapsible Container 64 is available in two heights; 320 & 400mm, to suit various requirements, maximising the efficiency per load.

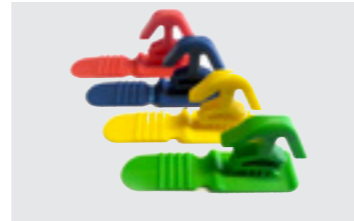
### Accessories & Options



**Identification features**  
Various labelling locations and optional embossed labelling.



**Optional Divider**  
Vertical bump fit walls remain vertical without handling ensuring easy handling of the container.



**Collapsible Container Security Seals**  
Security seals available for various levels of security requirements.



### Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



#### Standard Stock Colours



RAL: 5015  
Sky Blue



RAL: 7016  
Slate Grey

#### Favoured Colours (MOQs Apply)



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 9004  
Signal Black



RAL: 7040  
Tele Grey - 1



Pantone 021 C  
HV Orange



#### Digital & Embossed Printing

Position:  
Max Size Digital:  
Max Size Embossed:

Central on the base long side  
25mm (H) x 70 mm (W)  
25mm (H) x 70 mm (W)

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Collapsible height (mm)	320	400
Material	High impact polypropylene	High impact polypropylene
Temp resistance	-20°C to +40°C	-20°C to +40°C
External (mm) length x width	600 x 400	600 x 400
Internal (mm) length x width	567 x 367	567 x 367
Collapsed height	77.5	77.5
Stacking ratio	4:1	5:1
Collapsed stacking pitch	70	70
Usable height (mm)	305	385
Capacity (Litres)	63	80
Weight - Container, Lid (kg)	3.6	3.9
Weight - Container (kg)	2.9	3.2
Payload static (kg)	20	20
Stacking load static (kg)	240	240
Stacking load dynamic (kg)	120	120
Pallet type	UK	UK
Quantity on pallet	130	130
Pallet height (m)	Max 1.75	Max 1.75

# Half Pallet Container

The Half Pallet Container is the world’s largest ALC, with integrated pallet feet and a reinforced base and when consolidated with the Loadhog Pallet Lid it can be used as a modular end to end transit system.

### Key Benefits



**Up to 100% increase vehicle fill**  
When consolidated, stacked and secured using the Loadhog Lid the user can also double stack.



**6:2 Nesting ratio**  
The 6:2 nesting ratio allows users to return or store 3 times as many empty totes.



**No pallet required**  
Built in pallet feet and steel bars deliver compatibility with MHE & Forklifts.



**End to end solution**  
The Half Pallet Container combines the benefits of a large pallet box with high volume, with the benefits of a tote box with ergonomic features that improve handling.



**Security and protection for up to 100 kg**  
A reinforced steel bar base provides the ability to fill with up to 100 kg, with multiple security seal locations to ensure goods remain tamper proof.



**Secure up to six HPCs with Pallet Lid**  
Six Half Pallet Containers can be consolidated for storage and transported to create a unit load of 1200 x 1000 (mm) footprint.

### Accessories & Options



**HPC Lifter**  
Fast and intuitive lifting Capacity (kg): 275  
Dimensions (cm): 1100 x 900 x 620  
Weight (kg): 45.5



**ALC Security Seals**  
Security seals available for various levels of security requirements.



### Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



**Standard Stock Colours**

RAL: 7040  
Tele Grey - 1

**Favoured Colours (MOQs Apply)**

Pantone: 654 C  
Blue

RAL: 6018  
Yellow Green

Pantone: 109 U  
Yellow

RAL: 3020  
Traffic Red

RAL: 7016  
Slate Grey

RAL: 5015  
Sky Blue

RAL: 9004  
Signal Black

Pantone 021 C  
HV Orange



**Digital & Hot Foil Printing**

Position:  
Max Size Digital:  
Max Size Hot Foil:

Left on long side  
85mm (H) x 290 mm (W)  
175mm (H) x 260 mm (W)

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
External length	1000
External width	575
External height	540
Internal length	900
Internal width	500
Internal height	400
Incremental nesting height	110

Volume	
Usable height	400 mm
Capacity	190 litres

Material	
Material	High impact polypropylene copolymer
Temp resistance	-20°c to +40°c

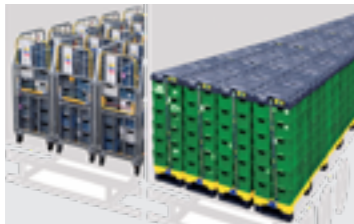
Pallet quantities	
Pallet type	UK
Quantity per pallet	24
Height	2.02m
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

Weight and performance (kg)	
Unit weight	12
Payload	100
Maximum stacking load	450

## Stack & Nest 43

The Stack & Nest Container is a 400 x 300 x 190 container that stacks when full and nests when empty. It is extensively used in the postal industry as a mail tray as well as being used in the manufacturing industry for small parts.

### Key Benefits



**Up to 42% additional vehicle fill with pally and lid system**  
64 pally and lid systems can fit within a 40 ft trailer compared to 45 roll cages.



**Increased return efficiencies**  
Stack when full and rotate 180° to Nest the container for better return efficiencies.



**Pally and Lid compatible**  
A cyclical RTP system, versatile and easy to handle from in the DC to delivery.



**Compatible with existing mail sortation systems**  
Our products are constantly being developed through customer and industry led research... Innovation starts with you!

### Accessories & Options



**Stack & Nest Security Seals**  
Security seals available for various levels of security requirements.



**Optional lid**  
The optional lid fully integrates within the Stack and Nest container and can be used to provide additional tamper proof security.

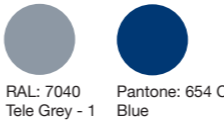


### Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



#### Standard Stock Colours



#### Favoured Colours (MOQs Apply)



#### Digital & Embossed Printing

Position: Central on long side  
Max Size Digital: 45mm (H) x 65 mm (W)  
Max Size Embossed: 175mm (H) x 260 mm (W)

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
External length	400
External width	300
External height	190
Internal length	360
Internal width	248
Internal height	188
Incremental stacking height	180.5
Incremental nesting height	96.6

Volume	
Usable height	188 mm
Capacity	23 litres

Material	
Material	High impact polypropylene
Temp resistance	-20°C to +40°C

Pallet quantities	
Pallet type	UK
Quantity per pallet	200
Height	2.18m
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

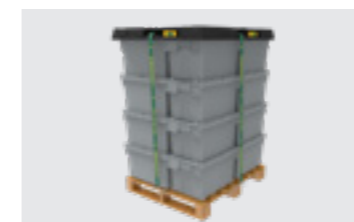
Weight and performance (kg)	
Weight (container)	0.92
Weight (lid)	0.4
Payload	25
Maximum stacking load	175

## Pallet Lids

The Loadhog Pallet Lid is the most secure, versatile and cost effective method of securing the load on a pallet, no banding or stretch wrap required. This product is available in all standard footprint sizes however custom sizes can also be manufactured. (MOQs Apply)

## Loadhog Pallet Lid Range

### UK Pallet Lid



**1200 x 1000 mm**  
Pallet Lid available in 2 strap or 4 strap lid configurations with various hook types designed to work with the specified pallet or load type.

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### Euro Pallet Lid



**1200 x 800 mm**  
Pallet Lid available in 2 strap or 4 strap lid configurations with various hook types designed to work with the specified pallet or load type.

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### Half Euro Pallet Lid



**800 x 600 mm**  
Pallet Lid available in 2 strap lid configurations only with various hook types designed to work with the specified pallet or load type.

Page 26 - 27

### Custom Size Pallet Lid



**?? x ?? mm**  
Custom sizes can be designed and manufactured to secure alternative pallet footprints or loads. (MOQs Apply)

# Pallet Lids

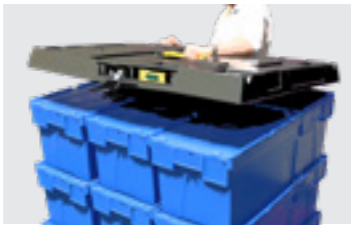
CLIENT CASE STUDY P52 & P60

The most secure, versatile and cost effective method of securing the load on a pallet, no banding or stretch wrap required.

### Key Benefits



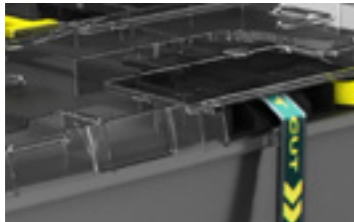
**Increase vehicle fill up to 40%\***  
When used in conjunction with the Pally, this system provides a better footprint than a roll cage. \*Applicable to a 40 ft trailer



**Time/Labour Saving**  
On average takes only 20 seconds to secure a 4 strap lid vs 2-3 minutes for a stretch wrap machine.



**Eco-Friendly**  
No Stretch wrap, no consumable packaging and less time spent securing the load, the Loadhog Pallet Lid is cleaner and friendlier in every way.



**Complete Removal of Stretch Wrap & Banding**  
The Integrated Strap increases ease and speed of securing load.



**Load Variants**  
Able to secure various container and other packaging solutions in the market.

### Accessories & Options



**Tamper Proof Security**  
Ratchet the straps tight and secure with seals to retain maximum security.



**Custom straps**  
Customise your lid with branded straps and edit the text to suit your requirements.

### Pallet Lid Hooks



Dolly Hook



Plastic Pallet Hook



Wooden Pallet Bridge Hook



Half Pallet Container Hook



Metal Pallet Hook



Postal Pallet Hook



Box Section Hook

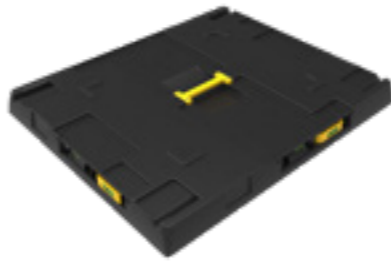


Custom Hook (MOQs Apply)

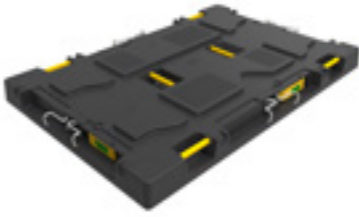


### Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



UK Pallet Lid



Euro Pallet Lid



Half Euro Pallet Lid

### Digital Printing



UK print position:  
Max Size UK:  
Euro print position:  
Max Size Euro:  
Half Euro print position:  
Max Size Half Euro:

Right side of long end border  
25mm (H) x 175 mm (W)  
Right side of short end border  
25mm (H) x 175 mm (W)  
Left side of short end  
25mm (H) x 150 mm (W)

### Standard Stock Colours



RAL: 9004  
Signal Black

### Favoured Colours (MOQs Apply)



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 7016  
Slate Grey



RAL: 5015  
Sky Blue



RAL: 7040  
Tele Grey - 1



Pantone 021 C  
HV Orange

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Lid Type*	UK	Euro	Half-Euro
Material	High impact polypropylene	High impact polypropylene	High impact polypropylene
Temp Resistance	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Dimensions for Pallet (mm) length	1200 x 1000	1200 x 800	800 x 600
External Dimensions (mm)	1227 x 1027 x 100	1210 x 810 x 100	822 x 618 x 93
Weight (2 Strap Lid)	9.93	8	6.15
Weight (4 Strap Lid)	12.75	10	-
Standard Strap Length (mm)	2000	2000	2000
Max Stacking Load (kg)	2000	2000	2000
Type of Pallet sold on	UK	Euro	1/2 Euro
Pallet QTY	25	25	30
Pallet Height (metres)	1.93	2.3	1.98

## Dollies

Loadhog offer a range of Dollies designed to benefit every stage of the supply chain. Whether it be an application within the light and fast world of ecommerce or a heavy duty operation within industrial manufacturing, we have a Dolly that can add value to your supply chain.

## Loadhog Dolly Range

### Dolly 64 - 210

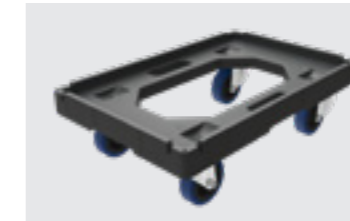


#### 600 x 400 mm

The Dolly 64 - 210 will speed up processes within your supply chain with quick cross-stacking, increasing handling efficiency and an innovative uni-link feature, enabling short side and long side linking.

Page 30 - 31

### Dolly 64 - 300

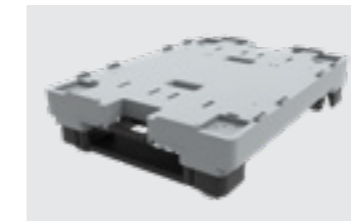


#### 600 x 400 mm

The Dolly 64 - 300 is a straight stacking Dolly with an innovative uni-link feature and a 300 kg payload. The Dolly spec can be adjusted to suit your requirements with 3 castor options available and multiple optional extras.

Page 32 - 33

### Pally 86 - 250



#### 800 x 600 mm

The Pally is a half-euro sized plastic pallet which becomes a wheeled Dolly at the single press of a foot pedal. It is an efficient solution for moving products without other manual handling equipment required able to withstand a loading capacity of up to 250 kg.

Page 34 - 35

### Pally 86 - 500



#### 800 x 600 mm

The Pally is a half-euro sized plastic pallet which becomes a wheeled Dolly at the single press of a foot pedal. It is an efficient solution for moving products without other manual handling equipment required able to withstand a loading capacity of up to 500 kg.

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### Pally Container 86 - 250



#### 800 x 600 mm

The Pally Container is a collapsible bulk container attached to a Pally, enabling efficient movement of bulky or loose items without the need for other manual handling equipment and is often used as an end to end transit solution.

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# Dolly 64 - 210

The Dolly 64 - 210 will speed up processes within your supply chain with quick cross-stacking, increasing handling efficiency and an innovative uni-link feature, enabling short side and long side linking.

## Key Benefits



### Uni-link Dolly

The Uni-link feature is what makes the Loadhog Dolly so versatile. Link units on either the short side or the long side to move multiple loads or prepare for transport.



### Quick cross-stack

The Dolly 64 - 210 can be securely cross stacked which is quicker to achieve and a reduced stacking pitch of 56 mm, 59.5 mm smaller than if the Dolly was straight stacked.



### ALC & Pallet Lid compatible

This Dolly is compatible with all Loadhog Attached Lid Containers and can be linked on the long side and then secured with a Half-Euro Pallet Lid.



### 4 x Non-marking swivel castors

As standard this Dolly is fitted with four swivel castors and Ø75 mm non-marking TPR wheels, preserving your supply chain aesthetics.



### Secure banding

The central sub-flush banding regions on all sides of the Dolly ensure that any banding remains in place, safely securing the load throughout its journey.



### Eco-Friendly

The Dolly-64-210 is made from recycled plastic making it eco-Friendly as well as cost effective.

## Accessories & Options



### Dolly Handle

The Dolly handle enables increased control and enhanced ergonomics, preventing the user from having to bend down.



### Embossed Branding

Go that step further with a custom Dolly and have your logo moulded into the deck. (MOQs Apply)



## Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



### Standard Stock Colours



RAL: 9004  
Signal Black

### Favoured Colours (MOQs Apply)



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 7016  
Slate Grey



RAL: 5015  
Sky Blue



RAL: 7040  
Tele Grey - 1



Pantone 021 C  
HV Orange



### Digital & Embossed Printing

Digital Position:

Max Size Digital:

Embossed Position:

Max Size Embossed:

Right on long side  
50 mm (H) x 125 mm (W)  
Short side insert on deck  
49 mm (H) x 98 mm (W)

## Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
Length	594
Width	396
Height	149
Stacking pitch (cross-stacked)	56
Stacking pitch (straight-stacked)	115.5
Ground clearance	85.5

Material	
Deck type	Open
Deck material	High impact polypropylene
Temp resistance	-20°c to +40°c
Castor type	4 swivel
Top plate	Zinc plated steel
Wheel material	Non-marking TPR
Wheel Diameter	ø75 mm

Pallet quantities	
Pallet type	Euro
Quantity per pallet	64
Height (m)	2.3
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

Weight and performance (kg)	
Weight	2.0
Weight (deck)	1.0
Weight (castors x4)	1.0
Payload	210
Max stack quantity	19

# Dolly 64 - 300

The Dolly 64 - 300 is a straight stacking Dolly with an innovative uni-link feature and a 300 kg payload. The Dolly spec can be adjusted to suit your requirements with 3 castor options available and multiple optional extras.

## Key Benefits



### Uni-link Dolly

The Uni-link feature is what makes the Loadhog Dolly so versatile. Link Dollies on either the short side or the long side to move multiple loads or prepare for transport.



### Straight stacking castor cups

The Dolly has been designed with recesses to secure castors in place when stacking Dollies up to 2.3 metres high.



### Compatible w/LH Containers & Pallet Lid

This Dolly is compatible with all Loadhog ALCs & Collapsible Containers and can be linked on the long side and then secured with a Half-Euro Pallet Lid.



### 300 kg dynamic payload

This Dolly can safely transport up to 300 kg and is available in a colour of your choice. (MOQs Apply)



### Secure banding

The central sub-flush banding regions on all sides of the Dolly ensure that any banding remains in place, safely securing the load throughout its journey.



### Alternative Wheel Material

Select a wheel material to suit the terrain goods are transported on.

## Accessories & Options



### Braked Castors

Braked castors can be applied to two fixed castors to improve the stability of stationary Dollies.



### Dolly Handle

The Dolly handle enables increased control and enhanced ergonomics, preventing the user from having to bend down.



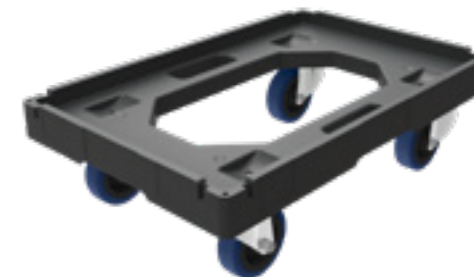
### Embossed Branding

Go that step further with a custom Dolly and have your logo moulded into the deck. (MOQs Apply)



## Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



### Standard Stock Colours



RAL: 9004  
Signal Black

### Favoured Colours (MOQs Apply)



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 7016  
Slate Grey



RAL: 5015  
Sky Blue



RAL: 7040  
Tele Grey - 1



Pantone 021 C  
HV Orange



### Digital & Embossed Printing

Digital Position:

Max Size Digital:

Embossed Position:

Max Size Embossed:

Right on long side  
50 mm (H) x 125 mm (W)  
Short side insert on deck  
49 mm (H) x 98 mm (W)

### Castor options

Three castor material types available for alternative terrain. Consult the sales team to discover the option best suited to your needs.



### PP

Standard colour:  
White



### TPR

Standard colour:  
Grey



### Elastic Rubber

Standard colour:  
Blue

## Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
Length	600
Width	400
Height	173.5
Stacking pitch (straight-stacked)	135
Ground clearance	117.5

Material	
Deck type	Open
Deck material	High impact polypropylene
Temp resistance	-20°C to +40°C
Castor type	4 swivel
Top plate	Zinc plated steel
Wheel Diameter	ø100 mm

Pallet quantities	
Pallet type	UK
Quantity per pallet	75
Height (m)	2.3
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

Weight and performance (kg)	
Weight (deck)	1.2
Weight (PP castors x4)	2.1
Weight (TPR castors x4)	2.1
Weight (Elastic Rubber castors x4)	2.5
Payload	300
Max stack quantity	15

# Pally 86 - 250 / 500

CLIENT CASE STUDY P60

The Pally is a half-euro sized plastic pallet which becomes a wheeled Dolly at the single press of the foot pedal. It is an efficient solution for moving products without the need for other manual handling equipment and is ideal for grocery replenishment in retail environments.

## Key Benefits



### Stable yet manoeuvrable

The lockable pallet feet are easy to use and are more stable than castor breaks allowing the user to manoeuvre and then store 500 kg of goods with ease.



### Increase vehicle fill up to 42%

When used in conjunction with the Loadhog Pallet Lid, this system provides a better footprint than a roll cage.



### No pump trucks or forklifts required

The Pally removes the need for pump trucks and forklifts to manoeuvre goods from A to B whether it be in the warehouse, in the factory or in store.



### Move multiple loads

The Pally Tow Hitch accessory allows the user to connect multiple Pally's together creating a pally train, increasing the quantity of goods moved in one go.



### Used as a merchandising unit

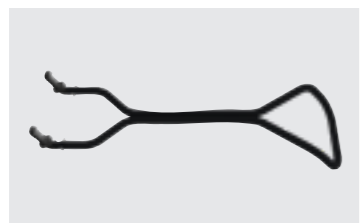
The Pally can be used as a merchandising unit for promotional or fast selling items in retail environments.



### Working with auto guided vehicles

The Pally can be used in conjunction with auto guided vehicles to future proof your business.

## Accessories & Options



### Pally handle

For ergonomic movements of pally units Weight (kg): 1.52 Dimensions (cm): 100 x 32 x 15



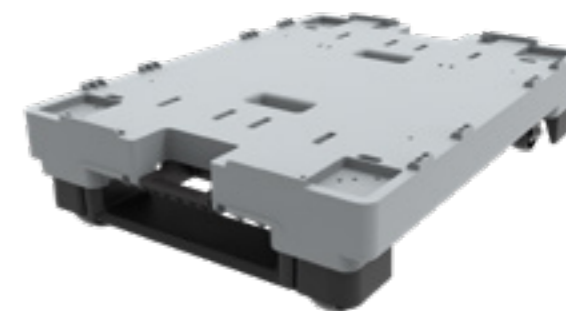
### Tow hitch

For the movement of multiple Pally's Weight (kg): 1.12 Dimensions (cm): 31 x 31.5 x 10.5



## Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



### Standard Stock Colours



RAL: 7040  
Tele Grey - 1

### Favoured Colours (MOQs Apply)



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 7016  
Slate Grey



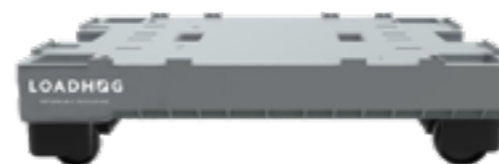
RAL: 5015  
Sky Blue



RAL: 9004  
Signal Black



Pantone 021 C  
HV Orange



### Digital Printing

250 print position:  
Max Size 250:  
500 print position:  
Max Size 500:

Left on long side  
45 mm (H) x 290 mm (W)  
Left on short side  
45 mm (H) x 70 mm (W)

## Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
Length	800
Width	600
Height	196
Stacking Height	+196
Ground clearance (250 kg)	36
Ground clearance (500 kg)	28

Material	
Pally deck	High impact polypropylene
Bearers	Glass filled polypropylene
Cover plate	Glass filled polypropylene
Temp resistance	-20°c to +40°c

Pallet quantities	
Pallet type	EURO
Quantity per pallet	20
Height	1.75m
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

Weight and performance (kg)	
Payload	250 or 500 variants
Weight (250 Payload pally)	12
Weight (500 Payload pally)	15
Wheel Material	Solid Nylon
Wheel Diameter (Fixed)	ø100 mm
Wheel Diameter (Swivel)	ø80 mm

# Pally Container 86 - 250

The Pally Container is a collapsible bulk container attached to a Pally, enabling for efficient movement of bulky or loose items without the need for other manual handling equipment and is often used as an end to end transit solution.

## Key Benefits



**Stable yet manoeuvrable**  
The lockable pallet feet are easy to use and are more stable than castor breaks allowing the user to manoeuvre and then store 250 kg of goods with ease.



**Integrates with Pallet Lid and Collapsible Container**  
The most versatile RTP system in the marketplace.



**50% space saved with empties stacked**  
The Pally Container can be collapsed and stacked to increase vehicle fill with a 2:1 stacking ratio.



**End to end transit solution**  
The Pally Container is used by retailers from warehouse to store, providing a professional and efficient system removing double handling of goods.

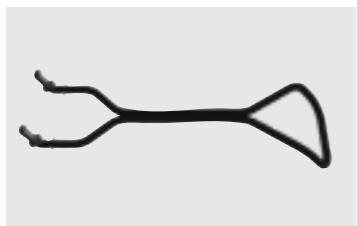


**Easy picking**  
Two picking doors provide easy access to goods for picking & shelf replenishment.



**Transport large loose items**  
The Pally Container is perfect for manoeuvring and storing bulky loose items and is consequently used by many manufacturers to transport parts between production lines.

## Accessories & Options



**Pally handle**  
For ergonomic movements of pally units Weight (kg): 1.52  
Dimensions (cm): 100 x 32 x 15



**Tow hitch**  
For the movement of multiple Pally's Weight (kg): 1.12  
Dimensions (cm): 31 x 31.5 x 10.5



## Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



### Standard Stock Colours



RAL: 7040  
Tele Grey - 1

### Favoured Colours (MOQs Apply)

Alternative colours only available for Pally Deck not for the container itself



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 7016  
Slate Grey



RAL: 5015  
Sky Blue



RAL: 9004  
Signal Black



Pantone 021 C  
HV Orange



### Digital Printing

Print position:  
Max Size:

Left on long side  
45 mm (H) x 290 mm (W)

## Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
External dimensions l x w x h	800 x 600 x 910
External dimensions l x w x h	800 x 600 x 470
Internal dimensions l x w x h	740 x 540 x 705
Open stacking height	+ 870
Collapsed stacking height	+ 430
Ground clearance	36

Volume	
Usable height	705 mm
Capacity	280 litres


Material	
Pally and container	High impact polypropylene
Bearers	Glass filled polypropylene
Cover plate	Glass filled polypropylene
Temp resistance	-20°c to +40°c


Pallet quantities	
Pallet type	EURO
Quantity per pallet	8
Height	2.03 m
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

Weight and performance (kg)	
Payload	250
Weight	29.7
Wheel Material	Solid Nylon
Wheel Diameter (Fixed)	ø100 mm
Wheel Diameter (Swivel)	ø80 mm

## UN Certified Packaging

Our UN Certified containers are tested under the harshest conditions by an external laboratory & approved for the transport of dangerous solids & liquids within packaging groups I, II, & III.

 4H2V / X68 / S / 18  
F / FEA 25837A18 / ETMD

 4H2 / X120 / S / 18  
F / FEA 25837A18 / ETMD

## Loadhog UN Certified Packaging Range

### UN Certified ALC 64 - 250



600 x 400 mm  
4H2/X30/S/20/F/FEA04807A16/ETMD  
4H2V/X18/S/20/F/FEA04807A16/ETMD

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### UN Certified ALC 64 - 310



600 x 400 mm  
4H2/Y30/S/20/F/FEA04807A16/ETMD  
4H2V/X19/S/20/F/FEA04807A16/ETMD

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### UN Certified ALC 64 - 365



600 x 400 mm  
4H2/X45/S/20/F/FEA04807A16/ETMD  
4H2V/X25/S/20/F/FEA04807A16/ETMD

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### UN Certified ALC 64 - 400



600 x 400 mm  
4H2/Y30/S/20/F/FEA04807A16/ETMD  
4H2V/X19/S/20/F/FEA04807A16/ETMD

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### UN Certified ALC 43 - 264



400 x 300 mm  
4H2V/X15/S/20/F/FEA34750A19/ETMD  
4H2/Y37/S/20/F/FEA34750A19/ETMD

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### UN Certified ALC 43 - 306



400 x 300 mm  
4H2V/X15/S/20/F/FEA34750A19/ETMD  
4H2/Y37/S/20/F/FEA34750A19/ETMD

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### UN Certified Half Pallet Container



1000 x 575 mm  
4H2/X120/S/20/F/FEA25837A17/ETMD  
4H2V/X68/S/20/F/FEA25837A17/ETMD

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# UN Certified ALC

CLIENT CASE STUDY P56

Conforming to UN standards and approved for the transport of dangerous materials within packaging groups I, II, & III our UN Certified Attached Lid Containers are used by waste management and disposal companies with an integrated strap to secure dangerous goods within.

### Key Benefits



**Increase vehicle fill up to 10%**  
The UN certified container adopts our innovative ALC lid design with 100% tessellation, capable of saving up to 10% when storing or transporting empty containers.



**Integrated Straps**  
Integrated straps permanently fixed to the container enable easy UN level containment & safety for hazardous materials.



**Compatible with the Pally and Lid System**  
The UN certified range works in conjunction with the Loadhog pally and lid for ultimate security and manoeuvrability of hazardous materials.



**Certified for solids and liquids**  
Each of the UN Certified containers can be used to transport Liquids with the use of an insertable UN Certified Bag.



**Certified to your needs**  
If you have specific needs we can develop a UN grade solution for you.



**Multiple footprints & sizes available**  
With a choice of multiple footprints and size configurations, we're sure to have a container to suit your needs.

### Accessories & Options



**ALC Label Holder**  
Identification features such as barcode and RFID labelling can be provided for tracking your goods.



**ALC Security Seals**  
Security seals available for various levels of security requirements.



**Approved Inner Bag**  
(Minimum 90 Microns) & security seal




### Product configuration


We offer special product configurations to ensure the solution provided is the best possible solution for you.





Standard Stock Colours


  
Pantone 021 C  
HV Orange


Favoured Colours (MOQs Apply)


  
Pantone: 654 C  
Blue


  
RAL: 6018  
Yellow Green


  
Pantone: 109 U  
Yellow

  
RAL: 3020  
Traffic Red

  
RAL: 7016  
Slate Grey

  
RAL: 5015  
Sky Blue

  
RAL: 9004  
Signal Black

  
RAL: 7040  
Tele Grey - 1

### Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Container footprint (mm)	600 x 400				400 x 300	
Container height (mm)	250	310	365	400	264	306
Material	High impact polypropylene	High impact polypropylene	High impact polypropylene	High impact polypropylene	High impact polypropylene	High impact polypropylene
External top (mm) length x width	600 x 400	600 x 400	600 x 400	600 x 400	400 x 300	400 x 300
External base (mm) length x width	539 x 361	532 x 356	526 x 350	526 x 350	350 x 257	350 x 257
Internal top (mm) length x width	547 x 370	547 x 371	547 x 371	547 x 371	363 x 270	363 x 270
Internal base (mm) length x width	530 x 355	527 x 351	521 x 346	506 x 345	345 x 252	345 x 252
Nesting pitch (mm)	108	108	108	108	108	108
Usable height (mm)	215	275	330	365	245	287
Capacity (Litres)	40	52	63	69	22	25
Weight (kg)	2.5	2.7	3.0	3.2	1.77	1.92
Certified MAX payload (kg)	30	30	45	30	37	37
Pallet type	UK	UK	UK	UK	UK	UK
Quantity on pallet	90	85	85	80	162	153
Pallet height (m)	2.25	2.18	2.24	2.20	2.20	2.20

# UN Certified - Half Pallet Container

CLIENT CASE STUDY P56

Conforming to UN standards and approved for the transport of dangerous materials within packaging groups I, II, & III our UN Certified Half Pallet Container is used to secure larger dangerous goods certified to secure up to 120 kg.

## Key Benefits



**Certified for solids and liquids**  
Each of the UN Certified containers can be used to transport Liquids with the use of an insertable UN Certified Bag.



**Certified to contain up to 120 kg of solid goods & 68 kg of liquids**  
The UN Half Pallet Container is the largest container within the range with reinforced metal bars enabling a 120 kg payload of materials in group I.



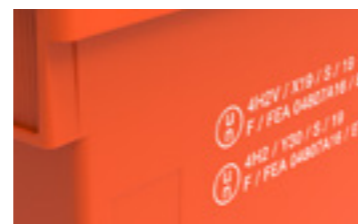
**Integrated Straps**  
Integrated straps permanently fixed to the container enable easy UN level containment & safety for hazardous materials.



**Compatible with the Loadhog Pallet Lid**  
For ultimate security and manoeuvrability of hazardous material.



**No pallet needed**  
Built in pallet feet and steel bars deliver compatibility with MHE and forklifts and the HPC lifter can be provided for efficient stacking and individual handling of units.



**Certified to your needs**  
If you have specific needs we can develop a UN grade solution for you.

## Accessories & Options



**HPC Lifter**  
Fast and intuitive lifting Capacity (kg): 275  
Dimensions (cm): 1100 x 900 x 620  
Weight (kg): 45.5



**ALC Security Seals**  
Security seals available for various levels of security requirements.



**Approved Inner Bag**  
(Minimum 90 Microns) & security seal



## Product configuration

We offer special product configurations to ensure the solution provided is the best possible solution for you.



### Standard Stock Colours



Pantone 021 C  
HV Orange

### Favoured Colours (MOQs Apply)



Pantone: 654 C  
Blue



RAL: 6018  
Yellow Green



Pantone: 109 U  
Yellow



RAL: 3020  
Traffic Red



RAL: 7016  
Slate Grey



RAL: 5015  
Sky Blue



RAL: 9004  
Signal Black



RAL: 7040  
Tele Grey - 1

## Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Dimensions (mm)	
External length	1000
External width	575
External height	540
Internal length	900
Internal width	500
Internal height	400
Incremental nesting height	110

Volume	
Usable height	400 mm
Capacity	190 litres

Material	
Material	High impact polypropylene copolymer
Temp resistance	-20°C to +40°C

Pallet quantities	
Pallet type	UK
Quantity per pallet	24
Height	2.02m
More packaging information can be found within the 'Official Standard Packaging Document', any deviations from this should be advised when the order is placed	

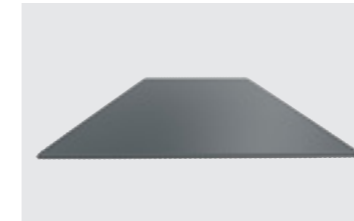
Weight and performance (kg)	
Unit weight	12
Payload	120
Maximum stacking load	450

## Smartpad

The Loadhog Smartpad system consists of a unique, wave-edge, injection moulded solid Layer Pad that enables stable packing and transportation of glass bottles.

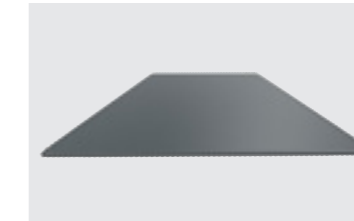
## Loadhog Layer Pad Range

### Layer Pad



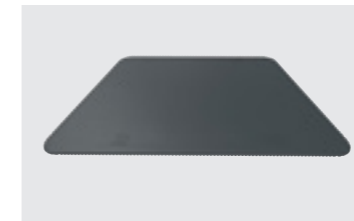
**Smartpad - UK**  
1200 mm x 1000 Layer Pad used by glass manufacturers & fillers across the UK for various bottle types.

Page 46 - 47



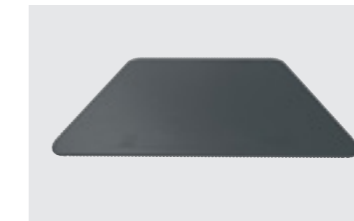
**Smartpad - EU**  
1200 mm x 1000 Layer Pad used by glass manufacturers & fillers throughout Europe for various bottle types.

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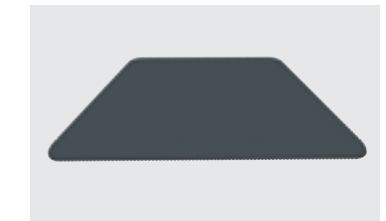
**Smartpad - Australian**  
1418 mm x 1088 Layer Pad used by glass manufacturers & fillers throughout Australia for various bottle types.

Page 48 - 49



**Smartpad - Australian Wine**  
1418 mm x 1088 Layer Pad used by glass manufacturers & fillers throughout Australia for Wine bottles only.

Page 48 - 49



**Smartpad - US**  
1422 mm x 1118 mm x 3.5mm Layer Pad used by glass manufacturers & fillers throughout the US for various bottle types.

Page 48 - 49

# Smartpad - UK / EU Smartpad

CLIENT CASE STUDY P54

The Loadhog Smartpad is a unique, wave-edge, injection moulded solid Layer Pad that enables stable packing and transportation of glass bottles.

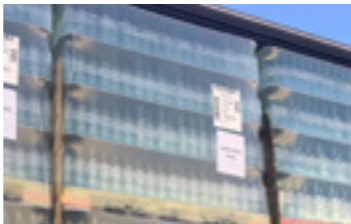
### Key Benefits



**Significantly increases stability**  
Proven to significantly increase pallet stability and therefore reduce collapsed glass pallets and number bottles fallen from the line.



**Maximising packing densities**  
Allowing the number of bottles to be maximised on each layer, including corner bottles.



**Improving transport efficiency**  
Reducing CO2 emissions in the supply chain and health and safety issues from fallen bottle incidents.



**Reducing shroud thickness**  
The Smartpad system is more stable therefore permitting a reduction in shroud thickness, further reducing costs.



**Reducing shroud damage**  
The Smartpad's perimeter has a radius edge that allows the shroud to wrap-around it preserving its integrity.



**Innovative wave-edge**  
The Smartpad's waved edge actively encourages bottles to migrate towards the centre when subjected to vibrations during automated handling and transit.

### Washing and pooling



A state of the art wash plant able to facilitate over 1 million Smartpads a month and a fleet of Loadhog hauliers able to support the pooling of your returnable packaging.



### UK & EU Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Container	UK	EU
Product mm	1200 x1000	1200 x1000
ID code	SP1210	SP1210UV
Colour	Green	Grey
Material	Injection moulded Co-polymer Polypropylene A thermoplastic.	Injection moulded Co-polymer Polypropylene A thermoplastic.
Length mm	1200 +2 / -0	1200 +2 / -0
Width mm	1000+2 / -0	1000+2 / -0
Thickness mm	2.6 (nested 7mm edge profile)	3.0 (nested 7mm edge profile)
Weight kg	2.6 (+/- 0.05)	3.1 (+/- 0.05)
Operating temp°C	0°C-50°C	0°C-50°C
Conductivity	10 <sup>13</sup> Ohm-cm	10 <sup>13</sup> Ohm-cm
UV Performance	70k Langley	70k Langley
Chemical resistance	Acids, Alakalis, Alcohols, Grease, Oils & Ketones.	Acids, Alakalis, Alcohols, Grease, Oils & Ketones.
Standards	95/2001EEC : General Product Safety	2001/95/EEC : General Product Safety
Conformance	10/2011/EEC : Directive; plastics in contact with foodstuffs 1935/2004/EEC : Directive; plastics in contact with foodstuffs	10/2011/EEC : Directive; plastics in contact with foodstuffs 1935/2004/EEC : Directive; plastics in contact with foodstuffs
Specifications	Standard	Standard
Quantity per pallet	350	310
Quantity per Load	9100	7440
Pallet Weight kg	995	995
Pallet Height mm	1025	1025
Pallet type	1200 x 1000 4 way	1200 x 1000 4 way
Packaging	Heavy duty shrink wrap with fuse seal base sheet, base sheet attached to pallet optional.	Heavy duty shrink wrap with fuse seal base sheet, base sheet attached to pallet optional.

# Smartpad - Rest of the world

CLIENT CASE STUDY P54

The Loadhog Smartpad is a unique, wave-edge, injection moulded solid Layer Pad that enables stable packing and transportation of glass bottles.

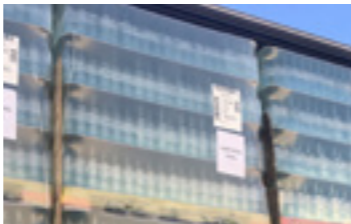
### Key Benefits



**Significantly increases stability**  
Proven to significantly increase pallet stability and therefore reduce collapsed glass pallets and number bottles fallen from the line.



**Maximising packing densities**  
Allowing the number of bottles to be maximised on each layer, including corner bottles.



**Improving transport efficiency**  
Reducing CO2 emissions in the supply chain and health and safety issues from fallen bottle incidents.



**Reducing shroud thickness**  
The Smartpad system is more stable therefore permitting a reduction in shroud thickness, further reducing costs.



**Reducing shroud damage**  
The Smartpad's perimeter has a radius edge that allows the shroud to wrap-around it preserving its integrity.



**Innovative wave-edge**  
The Smartpad's waved edge actively encourages bottles to migrate towards the centre when subjected to vibrations during automated handling and transit.

### Washing and pooling



A state of the art wash plant able to facilitate over 1 million Smartpads a month and a fleet of Loadhog hauliers able to support the pooling of your returnable packaging.



### Rest of the World Specification sheet

All dimensions are nominal and subject to manufacturing tolerances.

Container	Australian	Australian wine	USA
Product mm	1418 x 1088	1418 x 1088	1422 x 1118 x 3.5mm
ID code	SP1410UV	SP1410UV wine	SP142211835
Colour	Black	Black or Grey	Light blue
Material	Injection moulded Co-polymer Polypropylene 100% recycled feedstock. 0.3% UV stabiliser	Injection moulded Co-polymer Polypropylene Added stiffener 100% recycled feedstock. 0.3% UV stabiliser	Injection moulded Co-polymer Polypropylene 100% recycled feedstock 0.3% UV stabiliser
Length mm	1418 +5 / -0	1418 +5/- 0	1422 +2/- 2
Width mm	1088 +5/- 0	1088 +5/- 0	1118 +2 / -2
Thickness mm	3mm (nested 7.5mm edge profile)	5.0mm - 3.5mm (9.0mm edge profile)	3.5 mm – 5.0mm (nested 8.8mm edge profile)
Weight kg	4.1 (+/- 0.2)	6.1 (+/- 0.2)	6.2 (+/- 0.2)
Operating temp°C	0°C-60°C	0°C-60°C	0°C-60°C
Conductivity	10 <sup>13</sup> Ohm-cm	10 <sup>13</sup> Ohm-cm	10 <sup>13</sup> Ohm-cm
UV Performance	70k Langley	70k Langley	70k Langley
Chemical resistance	Acids, Alakalis, Alcohols, Grease, Oils & Ketones.	Acids, Alkalis, Alcohols, Grease, Oils & Ketones.	Acids, Alkalis, Alcohols, Grease, Oils & Ketones.
Standards	10/2011/EEC: Plastics in contact with foodstuffs	10/2011/EEC: Plastics in contact with foodstuffs	10/2011/EEC: Plastics in contact with foodstuffs
Conformance	1935/2004/EEC : Plastics in contact with foodstuffs 93/9/EEC : Plastics in contact with foodstuffs 95/3/EEC : Plastics in contact with foodstuffs	1935/2004/EEC : Plastics in contact with foodstuffs 93/9/EEC : Plastics in contact with foodstuffs 95/3/EEC : Plastics in contact with foodstuffs	1935/2004/EEC : Plastics in contact with foodstuffs 93/9/EEC : Plastics in contact with foodstuffs 95/3/EEC : Plastics in contact with foodstuffs
Specifications	Standard	Standard	Standard
Quantity per pallet	185	210	190
Quantity per Load	4440	3360	
Pallet Weight kg	788	1270	1200
Pallet Height mm	438	1050	1150
Pallet type	1420 x 1090 2 Way	1420 x 1090 2 Way	4 way 1422 x 1118 x 200
Packaging	Heavy duty shrink wrap with fuse seal base sheet, base sheet attached to pallet optional. Added corner protection for container deliveries.	Heavy duty shrink wrap with fuse seal base sheet, base sheet attached to pallet optional. Added corner protection for container deliveries.	Heavy duty shrink wrap with fuse seal base sheet, base sheet attached to pallet optional.

# Loadhog Accessories

A wide range of accessories designed to make the application of our returnable packaging products faster, easier and safer to use.

Security Seals



### Loadloc Container Seals

Loadloc creates a tamper evident seal on your Loadhog Attached Lid Containers, adding security and traceability to the load. Simply push into the hole provided to secure.

Average Breaking Strain (kg): 7	Standard Packaging:
MOQ: 5000	500 per bag
Removal: Hand	10 bags per box
	50 boxes per pallet



### Pull Tight Seals

Pull Tight Seal creates a tamper evident seal on your Loadhog Lids or HPCs, adding security and traceability to the load. Simply loop through the hole provided and pull tight to secure.

Average Breaking Strain (kg): 23	Standard Packaging:
MOQ: 1000	10 bags per box
Removal: Hand	50 boxes per pallet



### UN Bag Seals

Pull tight seals which secure potential hazardous contents of UN bags within UN containers.

Average Breaking Strain (kg): 21	Standard Packaging:
MOQ: 5000	1000 per bag
Removal: Tool	5 bags per box
	12 boxes per pallet

Tracking & Labelling



### ALC Label Holder

A placard to hold labels in place on Loadhog ALCs which allows tracking and identification of goods throughout your supply chain.

	Dimensions H x W (mm):
Helios 64	100 x 103
Apollo 64	100 x 83
Apollo 43	105 x 69 top, 62 bottom



### Collapsible Label Holder

A placard to hold labels in place on Loadhog's Collapsible Container which allows tracking and identification of goods throughout your supply chain.

Product code: L120292  
Dimensions H x W (mm): 220 x 124



### RFID Tracking and Labelling

We can provide systems that enable you to track your goods throughout your supply chain. We can encode the chips within the product to specify the information you require.

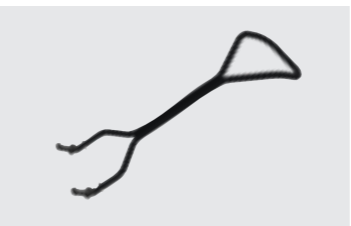
Handling Equipment



### HPC Lifter

Dedicated lifter for stacking & lifting individual Half Pallet Containers.

Product code: L120054  
Dimensions: H x W x D (mm) 1100 x 620 x 900  
Weight: 43 kg  
Maximum Operating Load: 275 kg



### Pally Handle

Used to maximise the manoeuvrability of Pally's & Pally Containers.

Product code: L120031  
Dimensions: H x W x D (mm) 1008 x 320 x 900  
Weight: 1.52 kg



### Telescopic Dolly Handle

The Dolly Handle can be retracted to save space when storing or transporting alongside empty units. The retracted length enables the user to store the handle inside a standard 600 x 400 ALC.

Product Code: L120651  
610 mm Retracted Length  
840 mm Extended Length



### Pally Tow Hitch 250/500 kg

The Tow Hitch can link multiple Pally's together to create a train increasing the quantity of goods moved at one time.

Product code: L120033 (250 kg) | L120034 (500 kg)  
Dimensions: H x W x D (mm) 310 x 315 x 105 (250 kg) | 310 x 315 x 105 (500 kg)  
Weight: (kg) 1.12 (250 kg) | 1.12 (500 kg)



### UN Bag

Each UN Certified Container must be used in conjunction with a bag (minimum 90 microns) and a security seal according to the UN certification requirements.

Product code: L120092



# Pallet Lid Case Study

SKY | UNIPART LOGISTICS

When we were looking for an alternative to pallet wrap, it is fair to say that there was not much out there in the marketplace. We stumbled across the Loadhog Pallet Lid on the internet and we were really taken with their product. Sky are really happy with the solution, they've been able to see the benefits that Loadhog can offer us as a business. I would highly recommend the Loadhog Lid as well as the service they provide to any other company looking for this kind of solution.

Rosamund Jacobs,  
Sky Account Support Manager, Unipart Logistics

OUTCOME

79,200

Pallets of stretch wrap eliminated



## The Loadhog Pallet Lid

The most secure, versatile and cost effective method of securing the load on a pallet, no banding or stretch wrap required.



UNIPART LOGISTICS

sky

## Sky | Unipart Logistics - Benefits experienced

### Elimination of plastic wrap

Sky tasked Unipart Logistics to remove all single use packaging from their supply chain. The Loadhog Pallet Lid eliminated 10.2 tonnes of plastic wrap per annum, equivalent to over 2,000,000 metres of single use plastic.

### Reduction in labour

On average it takes 20 seconds to secure a Pallet using the Lid which is a 69% reduction in labour time for this application. The ability to remove and then reapply the Pallet Lid system also saved time and considerable quantities of plastic wrap during system tests and updates of the Sky boxes.

### Tracking

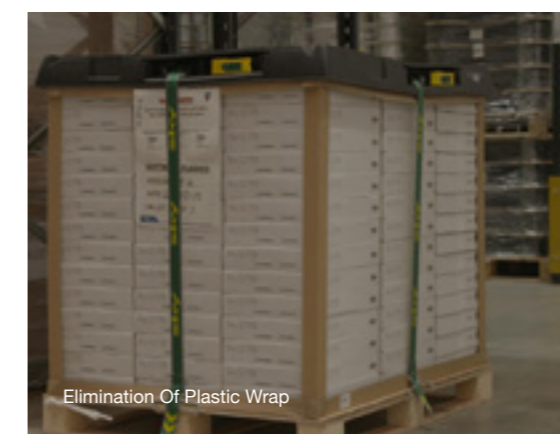
The addition of bar code labels enables Unipart Logistics to track assets throughout the supply chain and to identify the pallet's contents in seconds by scanning the bar code on the lid.

### Design & additional services

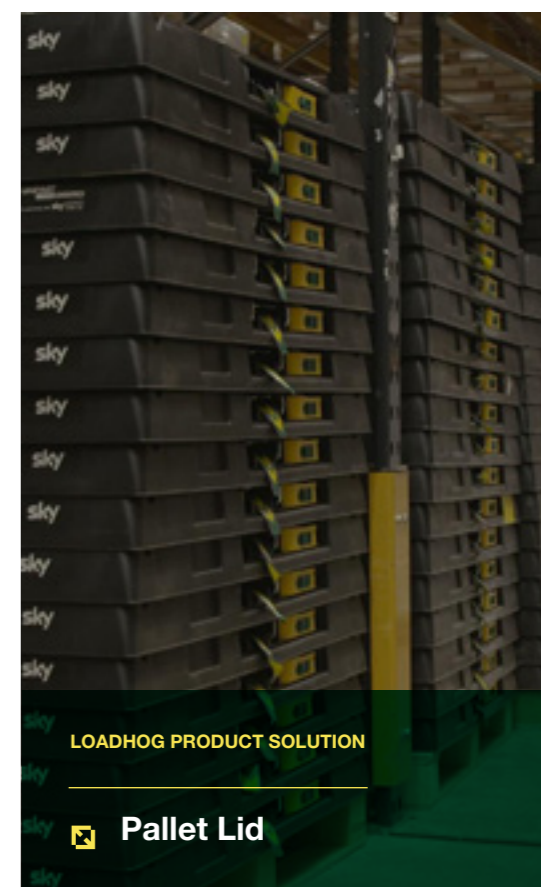
To ensure easy integration of the Pallet Lid additional services such as custom design, custom branding and user training were provided. There was also a percentage of recycled material incorporated into the manufacture of the Pallet Lid.



Design & Additional Services



Elimination Of Plastic Wrap



LOADHOG PRODUCT SOLUTION

Pallet Lid



# Smartpad Case Study

## SHEPHERD NEAME

Smartpads work really well for us, some of our bottles are made in Northern Ireland and considering the distance they have travelled they always arrive in perfect condition. There are no fallen bottles on the depalletiser which helps to reduce our cleaning time, aiding our efficiency.

*Stuart Pearson,  
Supply Chain Manager, Shepherd Neame*

### OUTCOME

# 0%

Fallen bottles  
in the line



### The Loadhog Smartpad

The Loadhog Smartpad is a unique, wave-edge, injection moulded solid Layer Pad that enables stable packing and transportation of glass bottles.



## Shepherd Neame - Benefits experienced

### Zero Broken Bottles

100% of the glass purchased is filled and transported safely throughout the process.

### Increased Pallet Stability

No pallets have fallen since the introduction of the Smartpad System reducing waste and accidents at each site.

### Improved Transport Utilisation

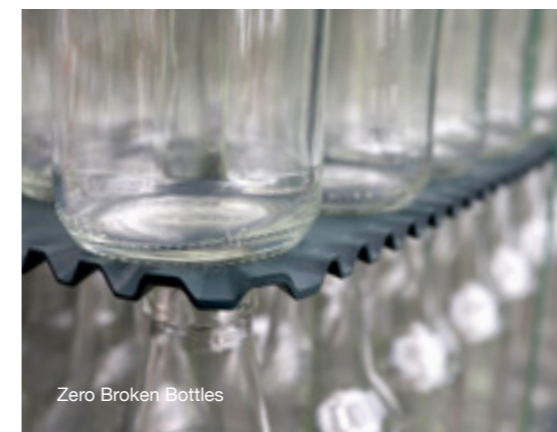
The Smartpad System passes the long distance test with pallets being transported over 500 miles across land and water.

### Improved hygiene

The Smartpad System resists water ingress and is washed at the Loadhog wash plant after every use, making it more hygienic than any cardboard solution.



Increased Pallet Stability



Zero Broken Bottles



### LOADHOG PRODUCT SOLUTION

**Smartpad**



# UN Certified Container Case Study

## AIRBAG DISPOSAL

After visiting Loadhog's site we were eager to get on board with their products. The UN Containers are applicable to our company on a day to day basis; both in the workshop and on the road. The prices were fair and affordable and we look forward to working with Loadhog in the future with the latest additions to their UN Certified product range.

*Josh Askwith, Director & Operations Manager,  
Airbag Disposal UK*

### OUTCOME

# 68%

Procurement  
saving

## UN Certified Container

Our UN Certified containers are tested under the harshest conditions by an external laboratory & approved for the transport of dangerous solids & liquids within packaging groups I, II, & III.



## Airbag Disposal - Benefits experienced

### Cost Saving

Loadhog's UN Containers are 33% lighter than the metal containers previously used. Not only is it cheaper to procure packaging per pallet footprint but fuel costs are also reduced due to the reduced weight.

### Easier Handling

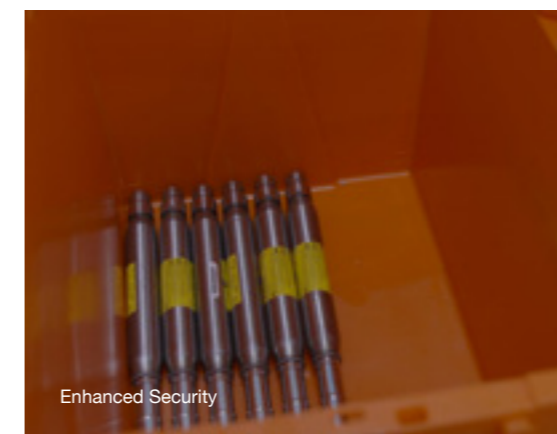
These reusable plastic containers are durable and do not require as much maintenance and they are easy to lift and carry. Furthermore they can be stacked without using a forklift.

### Professional Appearance

This packaging solution looks professional when used for collections from clients. They also look great on our shop floor when we have clients in due to the tessellating lids, even when stored away.

### Enhanced Security

We can attach our security tags to the UN Certified Containers which is one of our standard operating procedures for collecting air bag waste. The attached strap also enhances the security of the hazardous materials within.





# Attached Lid Container Case Study

PETS AT HOME

We have seen significant improvements within our supply chain since incorporating the Loadhog Attached Lid Container. This new packaging solution has saved time within the DC and in-store, removing double-handling and essentially giving our employees more time to spend with our customers. Additionally the new container itself is much more presentable, improving the customer's experience in store.

*Director of Logistics and Distribution  
Pets At Home*

OUTCOME

**£450K**

Per year saved at  
store level



**pets at home**

## Pets At Home - Benefits experienced

### Time saving

Pre-sorted ALCs can be taken straight from vehicles to the various store locations, allowing for quicker shelf replenishment, saving 35 minutes labour time per delivery per store, increasing employee availability & therefore sales.

### Increased efficiency

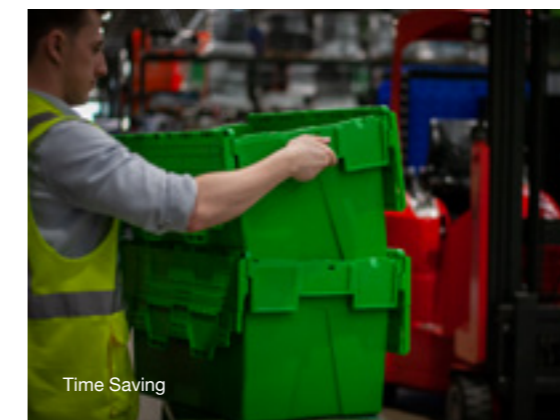
The ALCs allow goods to be picked straight from the racking and not touched again until the shop floor, eradicating double handling in store. The ALCs also nest without any lid flare, taking up minimal storage space in the store rooms.

### Improved manual handling

Staff in store no longer need to bend or overstretch to reach items which could be heavy; the ALCs are ideal for manual handling and make the unloading process at stores much safer.

### Professional Presentation

The customer's experience within store is highly important at Pets At Home. The new packaging solution is clean, professional and presentable with the company's branding applied, improving the aesthetics throughout the supply chain.



Time Saving



Professional Presentation

### The Loadhog Attached Lid Container

The Helios is the original Loadhog ALC featuring an innovative tessellating lid design, reducing the likelihood of damage and allowing for greater logistics gains and increased vehicle fill.



LOADHOG PRODUCT SOLUTION

**Attached Lid Container**



# Pally & Lid with ALC Case Study

## MEDI-MARKET

The Loadhog system brings us significant labour efficiencies and flow in every stage of the logistics process: DC, transport and in store. In store, the mobility of the Pally and the coloured lid sortation system has decreased the time taken for shelf replenishment by up to 30%, making our employees more available to our customers.

*Damien Dardenne,  
Logistics Director, Medi-Market*

### OUTCOME

# 30%

Less time spent  
replenishing shelves



## Medi-Market - Benefits experienced

### Continuity / Workflow

There is a continuity during the whole logistics process and the product is easy to use and beneficial in every stage of the process.

### Increased vehicle fill

6 Pally's fit into the small delivery vehicle used vs the original approach of 5 roll cages.

### Time savings

The combination of the removal of stretch wrap, the coloured lid sortation system & quicker shelf replenishment in store has increased employee availability and consequently increased sales.

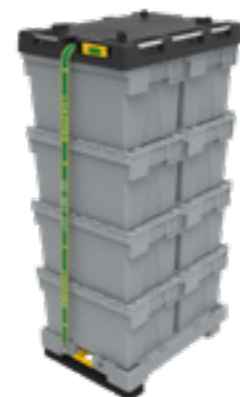
### Professional & Clean

The product is clean and professional in store making the company more presentable and less of a hindrance to our customers.



### The Loadhog Pally & Lid with ALC

The Pally is a half-euro sized plastic pallet which becomes a wheeled Dolly at the single press of a foot pedal. It is an efficient solution for moving products without other manual handling equipment required able to withstand a loading capacity of up to 500 kg.



## Employee ownership

We are 100% employee owned, making people our most valuable asset. Each and every one of us has a vested interest in the business and plays a significant part in its growth. We consistently challenge each other to develop new ideas and new solutions to everyday problems within logistics.

**LOADHEG**

RETURNABLE PACKAGING



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