

AN INTRODUCTION TO

PALLITE[®] PIX[®]

WAREHOUSE STORAGE AND SHELVING SOLUTIONS



PALLITE

www.pallite.co.uk

WHY USE PALLITE® PIX®?



SPACE-SAVING



EFFICIENT



STRONG



LIGHTWEIGHT



SUSTAINABLE

SPACE-SAVING

Reduce the space needed to store your products by combining pick-faces and creating more space in your warehouse.

INCREASE PICK EFFICIENCY

Reduce pick times and walk sequences by combining pick-faces to improve your efficiency.

STRONG AND DURABLE

Durable honeycomb walls and protected edges with pick-faces that are strong enough to hold up to 500kg in each PALLITE® PIX® storage unit.

LIGHTWEIGHT

Lightweight to protect your team from manual handling injuries.

SUSTAINABLE

100% recyclable and made from materials from managed sources.

FLEXIBLE

Easy-to-fit interchangeable dividers to quickly flex your space around your products.

IMPROVE PICK ACCURACY

Clearly divided and well-organised pick-faces with space for labels and tags help you to find products with ease.

FULLY COLLAPSIBLE WITH NO NEED FOR TOOLS OR SCREWS

Build and dismantle with ease and store flat-packed when not in use to help keep your warehouse layout flexible.

FORKLIFT-FRIENDLY

Move the whole unit, empty or full, with ease.

INTRODUCTION TO PALLITE® PIX®?

PALLITE® PIX® is a range of lightweight, flexible and strong storage and shelving systems that are designed to consolidate pick-faces. By creating more free space in your warehouse, you can store more product and ultimately increase the yield of your warehouse space whilst maintaining the ability to flex around the demands of your supply chain and improve your pick efficiency.

The range is available in both standard and bespoke sizes to fit all types of warehousing and racking. Made from sustainable materials, the PALLITE® PIX® range features removable dividers to allow you to flex your storage around your product, with reinforced edges to prevent wear and tear. What's more, each honeycomb shelf has a smooth edge applied for labelling to allow for items to be easily identified to improve pick accuracy.

No matter your requirement, we have a PALLITE® PIX® solution to help optimise your warehouse.



PALLITE® PIX®
Storage



PALLITE® PIX®
Twin Storage



PALLITE® PIX®
Horizontal Storage



PALLITE® PIX®
Vertical Storage

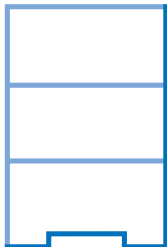


PALLITE® PIX®
Topper Storage



PALLITE® PIX®
Shelf Storage

WHY USE PALLITE® PIX® STORAGE?



PALLITE® PIX® Storage 2*



PALLITE® PIX® Storage 12*



PALLITE® PIX® Storage 16*

A collapsible storage unit made from honeycomb paper and glue that's designed to flex around your products. The removable dividers of the PALLITE® PIX® Storage allow you to increase or decrease the size of your pick-faces to help you maximise space utilisation. Well-suited to use within warehouse racking. Available with 2, 12 or 16 pick-faces, and in two different depths (500mm and 1000mm).

The PALLITE® PIX® Storage 2 system is designed to split a pallet space in half, creating two pick-faces. With a central divider to clearly segregate stock, it has shallow outer walls to allow for easy access whilst picking.



Free up space by combining multiple pick-faces into a single pallet footprint. Interchangeable dividers allow you to **flex your storage around your products**.



Improve pick efficiency by reducing pick sequence times.



Pick-faces strong enough to hold **50kg each** that are designed to securely hold your products.



Lightweight to **protect your team** from manual handling injuries.



100% recyclable and made from materials from managed sources.

PRODUCT	EXTERNAL UNIT (mm)	INTERNAL PICK-FACE (mm)	PICK-FACE CAPACITY (m3)	TOTAL CAPACITY (m3)
PIX® Storage 12	1200x1000x1940	263x925x550	0.133	1.59
PIX® Storage 12 Slim	1200x500x1940	263x425x550	0.06	0.72
PIX® Storage 16	1200x1000x1940	263x925x398	0.096	1.53
PIX® Storage 16 Slim	1200x500x1940	263x425x398	0.044	0.704
PIX® Storage 2	1250x1000x1600	557x925x1400	0.72	1.44

Dimensions listed as width x depth x height.

* PALLITE® PIX® Storage is strong enough to hold up to 500kg.

WHY USE PALLITE® PIX® TWIN STORAGE?



A double-sided version of the PALLITE® PIX® Storage, allowing for picking from both sides. Well-suited to transforming empty floor space into pick-faces. Available with 24 or 32 pick-faces.



Free up space by combining multiple pick-faces into a single pallet footprint. Create stand-alone units with access to **pick from both sides** of the unit.



Improve picking times by locating products on both sides of the unit.



Pick-faces strong enough to hold **50kg each** that are designed to securely hold your products.



Lightweight to **protect your team** from manual handling injuries.



100% recyclable and made from materials from managed sources.

PRODUCT	EXTERNAL UNIT (mm)	INTERNAL PICK-FACE (mm)	PICK-FACE CAPACITY (m3)	TOTAL CAPACITY (m3)
PIX® Twin Storage 24	1200x1000x1940	263x450x550	0.068	1.632
PIX® Twin Storage 32	1200x1000x1940	263x450x398	0.049	1.56

Dimensions listed as width x depth x height.

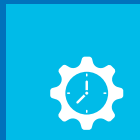
WHY USE PALLITE® PIX® SHELF?



A single 2.4m layer of pick-faces, ideal for maximising space utilisation in shallow racking. The PALLITE® PIX® Shelf comes with 3 dividers, creating 4 pick-faces, and an additional bundle of 4 shelf dividers can transform the space into 8 pick-faces.



Make the most of **otherwise unusable space** by installing a PALLITE® PIX® Shelf. Interchangeable dividers allow you to flex your storage around your products.



Increase pick-accuracy with clearly segregated pick-faces.



Strong pick-faces to hold and segregate your products.



A lightweight unit that allows you to **make the most of dead space**.



100% recyclable and made from materials from managed sources.

PRODUCT	EXTERNAL UNIT (mm)	INTERNAL PICK-FACE (mm)	PICK-FACE CAPACITY (m3)	TOTAL CAPACITY (m3)
PIX® Shelf (4 pick-faces)	2400x600x428	563x550x398	0.123	0.49
PIX® Shelf Divider (pack of 4)	15x557x428	274x550x398	0.059	0.475

Dimensions listed as width x depth x height.

CASE STUDY: PICK ACCURACY & EFFICIENCY

WAREHOUSING & LOGISTICS

CUSTOMER REQUIREMENT

A solution had been put in place to convert floor space into pick-faces for small items using corrugated bins.

The current solution was not strong enough to hold stock and often collapsed. This damaged stock and the bins were moved around within the designated area as a consequence.

As a result, many SKUs ended up in the wrong pick bins and therefore actual stock levels were not matching those of Warehouse Management System (WMS).

The pick bins sat on wooden pallets so that they could be moved easily if needed but the stacks of bins often toppled over.

Consequently, there was low pick accuracy and efficiency and frequent stock checks were needed, all of which was costly and time consuming.

CRITERIA

- Clearly divided pick-faces
- Easy to label and find stock
- Changes floor space to racking

SOLUTION

The wooden pallets and corrugate pick bins were replaced with a series of PIX® Twin Storage 32s with PIX® Multipliers to create 64 pick-faces.

RESULT

All SKUs were located in their own segregated pick-face, **reducing the number of pick errors.**

Implementing PIX® creates a **stronger solution, that doesn't collapse, reducing damages** and preventing stock from being wrongly located.

As a result, **pick accuracy and efficiency increased, saving both time and money.**

BEFORE



AFTER



WHY USE PALLITE® PIX® HORIZONTAL STORAGE?



A deeper, shorter version of the PALLITE® PIX® Storage. Ideal for storing long thin products and well-suited to keeping awkwardly-shaped SKUs separated to help with pick-accuracy rates.



Reduce damages by safely and easily storing awkwardly-shaped goods.



Increase pick-accuracy with clearly segregated pick-faces.



Strong pick-faces to hold and segregate your products.



Lightweight to **protect your team** from manual handling injuries.

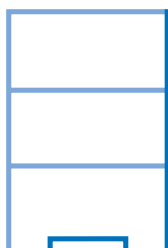


100% recyclable and made from materials from managed sources.

PRODUCT	EXTERNAL UNIT (mm)	INTERNAL PICK-FACE (mm)	PICK-FACE CAPACITY (m3)	TOTAL CAPACITY (m3)
PIX® Horizontal	1000x2400x900	279x2325x186	0.12	1.09

Dimensions listed as width x depth x height.

WHY USE PALLITE® PIX® VERTICAL STORAGE?



Designed to support tall thin products, the PALLITE® PIX® Vertical Storage allows for better space utilisation whilst helping to keep products organised.



Reduce damages by safely and easily storing awkwardly-shaped goods.



Increase pick-accuracy with clearly segregated pick-faces.



Strong pick-faces to hold and segregate your products.



Lightweight to **protect your team** from manual handling injuries.



100% recyclable and made from materials from managed sources.

PRODUCT	EXTERNAL UNIT (mm)	INTERNAL PICK-FACE (mm)	PICK-FACE CAPACITY (m3)	TOTAL CAPACITY (m3)
PIX® Vertical	1200x1000x1800	250x925x1620	0.37	1.48

Dimensions listed as width x depth x height.

CASE STUDY: SPACE, COST & TIME SAVING

WAREHOUSING & LOGISTICS

CUSTOMER REQUIREMENT

In a section of bays in a single aisle, seven pallet locations held 11 SKUs.

Of these seven pallet locations, one was a floor location and the remaining six were higher in the racking.

None of these pallets were full and held just a few products each in each location.

Space was not being used efficiently, therefore picking took significant time.

As a result, this was a costly way of storing goods.

CRITERIA

- Durable
- Flexible
- Consolidation

SOLUTION

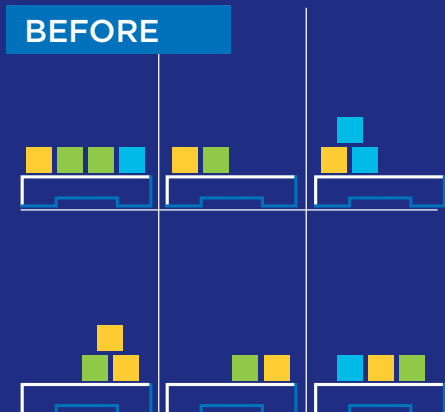
A PIX® Storage 12 was put in place on a ground floor location, creating 12 segregated pick-faces within a single pallet footprint.

RESULT

All 11 SKUs were located into one ground-level pallet space, creating **six free pallet spaces**.

New stock could be stored, with **additional revenue generated** from the charges associated with these extra pallet spaces.

Picking time was reduced by 8.2 minutes as all stock was located in a single ground-level pallet location and therefore easier to reach.



WHY USE PALLITE® PIX® TOPPER?



Designed to house a euro pallet, the PALLITE® PIX® Topper speeds up stock replenishment by combining full pallet storage with small pick-faces.



Maximise space utilisation by combining a full pallet pick with up to three additional pick-faces.



Speed up stock replenishment times.



Strong pick-faces to hold and segregate your products.



Lightweight **to easily be relocated** around your warehouse.



100% recyclable and made from materials from managed sources.

PRODUCT	EXTERNAL (mm)	INTERNAL SMALL (mm)	INTERNAL SMALL CAPACITY (m3)	TOTAL SMALL CAPACITY (m3)	INTERNAL BIG CAPACITY (m3)	TOTAL BIG CAPACITY (m3)
PIX® Topper Euro	1350x900x1610	405x620x260	0.065	0.2	1250x825x1325	1.36
PIX® Topper Standard	1350x1125x1610	405x620x260	0.065	0.2	1250x1050x1250	1.64

Dimensions listed as width x depth x height.

PALLITE® PIX® STORAGE ACCESSORIES SLIDER



A strong and durable honeycomb slider with a reinforced handle that sits underneath stock to enable products to be pulled forward for picking.



Available in **various sizes** to fit all PIX® Storage units.



Pull hard-to-reach items forward from the back of pick-faces.



Durable with a reinforced handle.



Lightweight to **protect your team** during use.



100% recyclable and made from materials from managed sources.

PALLITE® PIX® STORAGE ACCESSORIES CORRUGATE BINS AND DRAWERS



Corrugate bin inserts that can increase the number of pick-faces in a PALLITE® PIX® Storage 12 to 36. Designed to securely stack within the pick-face, the corrugate bins can be used with the corrugate slide to enable products to be pulled forward for picking.



Increase the number of pick-faces available in your PALLITE® PIX® Storage 12 or 16 by adding corrugate pick bins.



Increase pick-accuracy with clearly segregated pick-faces.



Strong enough to support your products.



Lightweight bins to easily be added and removed as needed.



100% recyclable and made from materials from managed sources.

PALLITE® PIX® STORAGE ACCESSORIES MULTIPLIER



An inner shelf made from the same strong honeycomb-cell paper material as the entire PALLITE® range. Designed to double the number of pick-faces available, the Multiplier is available for any PALLITE® PIX® storage unit.



Double the number of pick-faces in your PALLITE® PIX® Storage unit with a Multiplier.



Increase pick-accuracy with clearly segregated pick-faces.



Strong enough to support your products.



Lightweight to easily be added and removed and needed.



100% recyclable and made from materials from managed sources.

PALLITE® PRODUCT RANGE

PALLITE® PIX® is only one solution in the PALLITE® range. As an alternative packaging specialist, PALLITE® provides a viable alternative to wooden pallets and crates that is 100% recyclable.

Our lightweight paper pallets, pallet boxes, layer pads and components are designed to reduce the total cost of shipping consignments, while boosting organisations' green credentials. Stronger than standard cardboard pallets and boxes, they carry heavy loads with ease thanks to their innovative 'honeycomb-cell', IP-registered designs.



PALLETS



SHIPPING CRATES



EcoLITE



ThermaLITE



PIX®



HONEYCOMB BOARD



PALLRUNS

A SIMPLE CHANGE TO PALLITE® MEANS THAT YOU COULD:

- ✓ Make significant savings when shipping air freight with a potential 80+% reduction in weight compared to wooden alternatives.
- ✓ Eliminate the need for heat treated pallets and crates – the PALLITE® range is ISPM15 exempt.
- ✓ The flexible range includes pallets that are strong enough to hold up to 750kg in open-beam racking.
- ✓ Reduce unwanted transport costs by maximising container and vehicle capacity with any size available.
- ✓ Minimise damages and secure loads with edge protectors for strapping and banding.
- ✓ Adapt your supply chain seamlessly by adding a conveyor frame for automated systems and palletisers.
- ✓ Reduce your total environmental impact with 100% recyclable materials from managed sources.
- ✓ Eliminate the risk of contamination, splinters, nails and mould.

PALLITE

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