

Introducing TYTAN. The new standard
in Folding Large Containers.

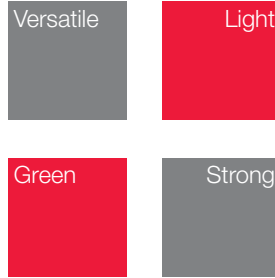




Introducing TYTAN. The new standard in FLC*. From a company no stranger to setting standards.

“Standard”. “Benchmark”. “Definitive”. We hope that these three words will be liberally used to describe TYTAN, the latest product from LINPAC Allibert, just as they have been employed to refer to numerous of our products in the past.

TYTAN needed to happen and LINPAC Allibert was probably the only company in the world to make it a reality.



LINPAC Group is a €2bn privately owned manufacturing business with operations all over the world, consisting of three divisions;

1. LINPAC Packaging – Food Packaging specialists in expanded polystyrene and film packaging.
2. Ropak Packaging – Consumer Packaging manufacturers of plastic buckets and pales of the kind used for detergent or paint.
3. LINPAC Allibert provides the manufacturing and supply chain industries with a range of products and services designed to increase efficiency and reduce costs.

Underpinned by such a plentiful and capable manufacturing resource, and drawing on over half a century of experience, we can be relied upon to know what you need.

We know how you work. We design around you. Our function follows your form.

*Folding Large Containers

■ ■ TYTAN's benefits

Versatile. It works your way

TYTAN is easy to build, fold, stack and transport because it was designed from scratch to work the way it needed to. Ingenious inner catches enable you to fold sides from inside as well as outside the FLC. And integral drainage means no issues in a wet environment or in undercover storage with sprinkler protection. TYTAN stacks 15 high when folded in storage.

Green. It's future-proof

TYTAN is reusable and, long term, totally recyclable. And because it's so light, it uses less fuel to transport, cutting carbon emissions en route. In fact, every trailer load could weigh 1456kgs less, lowering your CO₂ footprint. Unlike any other FLC, TYTAN can be stacked 8 high on a 3 metre trailer.

Safer. Better than being sorry

TYTAN offers peace of mind. Safer than comparable wood or metal containers, TYTAN does not burn quickly, splinter or rust.

Lighter. Less weight is loads better

TYTAN was designed with you in mind. You find it easier to use a container that's lighter because it's easier to stack and move. It's also easier to maintain, for a larger, simpler life.

Stronger. Brains have beaten brawn

TYTAN's innovative construction means lightness doesn't compromise strength. Our designers found ways of giving you a stronger product without adding bulk.



■ ■ Products that result from a culture of innovation.

Innovation underpins everything we do at LINPAC Allibert. There is a culture of questioning the status quo and a deep seated belief that every design can be improved.

TYTAN is living proof that we can rise to the challenge of bettering the best product available, even though it is our own.

TYTAN will be used for solid bulk materials handling, meaning transportation and storage.



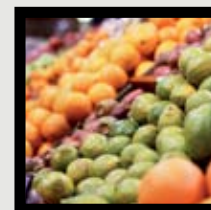
Automotive



Retail



Manufacturing

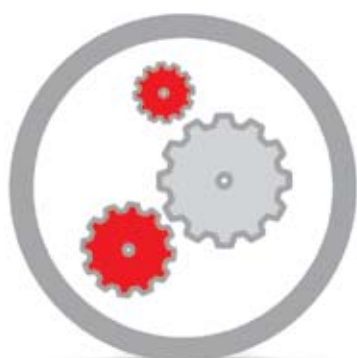


Food

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Supply Chain Efficiency



Modular



Higher Stacking

TYTAN. Look closely. You will find everything except compromise.

When you design a new product from scratch there is no place for excuses.

So TYTAN needed to be excellent and nothing less.

Responding to this challenge, we believe we have created a product that offers unprecedented levels of user-friendliness, space saving efficiencies and cost effectiveness. A product with impressive green credentials.

TYTAN takes the strain

TYTAN is made entirely from polypropylene, which beats polyethylene hands down on strength and stackability.

In fact, the stack of TYTANs can be five high when full, assuming each unit is 500kg or less. And in warehouse situations, TYTAN can be stacked 15 high when folded.

Using our 50 years of experience in product development and design, together with the latest CAD software, our designers came up with an optimized structure that improves the box's performance whilst,

perhaps even more important, reducing the material needed. Notice the unique corrugated construction, which gives superior load bearing qualities with reduced weight.

TYTAN makes life easy

Thoughtful and informed design has led to a single pivot door hinge so it opens and closes better. Also, the door folds close to the wall, making loading and unloading simpler.

Should the hinge ever become damaged, replacement is easy and quick to do. (Same applies to sidewalls, handles and doors.)

Similarly, door latches are accessible on the inside, so that one person can fold down or fold out from one side.

TYTAN is green

Polypropylene is 100% recyclable. So, at the end of a long life, if a repair is no longer possible, we can arrange for the TYTAN to live again as another TYTAN.



Recyclable



Lower Carbon Footprint



Safe and Easy to Handle

■ ■ TYTAN makes logical logistical sense

Put bluntly, the whole point of logistics is to move the most materials in the smallest space, with the least effort, using the least resources.

TYTAN, then, is the logical choice.

It is designed to stack up to eight high in a vehicle, meaning that in the same space you can carry more containers. TYTAN is also appreciably lighter. So much so, in fact, that you can reduce the weight of your load by 12.5%. Which will have a beneficial impact on your carbon footprint.

■ ■ TYTAN is clever and leads to less loss

There's never a need to dry a TYTAN because rainwater drainage holes are strategically moulded into the side panels. No extra weight and no ice building.

The long and short walls can be interchanged, giving a variety of permutations from no doors to four doors.

Sides are kept smooth because base runners are fixed in position using a hidden bayonet.

And RFID tags can be inset into the fee on the carrier base, giving hidden security and a method of keeping tabs on location.

■ ■ TYTAN is better and safer

Wood is naturally inconsistent, so exact tare is unpredictable. Wood rots, splinters, warps and absorbs moisture. TYTAN has none of these drawbacks.

Metal containers are heavy and don't normally fold. They buckle and bend on impact. Paint chips off and they go rusty. They're hard to repair and need skilled handling.

Importantly, in case of fire, TYTAN is slow to ignite.



History of TYTAN. How the FLC has evolved.

Until now, K975 has been the definitive, superior FLC for the automotive and bulk handling industry.

Wherever vehicle components need to be moved from A to B, it is the K975 that, typically, takes the strain. And as the industry has changed, the design has been refined. And refined.

However, now there is an even better FLC.

TYTAN does everything K975 does. Even better.



In fact, we believe it represents the most significant development in FLC design for years and re-establishes LINPAC Allibert as the leader in bulk materials handling products.

We're quietly confident that, even if you are the greatest fan of the K975, you will see that the best has just got better.

Better stacking. Easier to maintain. Greener. Simpler. Lighter. Stronger. Safer.

■ ■ The story of the workhorse

- K975 was originally developed in 1995 for Ford and CHEP and was eventually adopted by Volvo for its entire European logistics fleet.
- Other industries quickly saw the advantages and nowadays this FLC is used to carry everything from metal pressings to bulk plastic parts.
- Worldwide there are more than 2 million K975's in rotation.



■ ■ Seamlessly modular



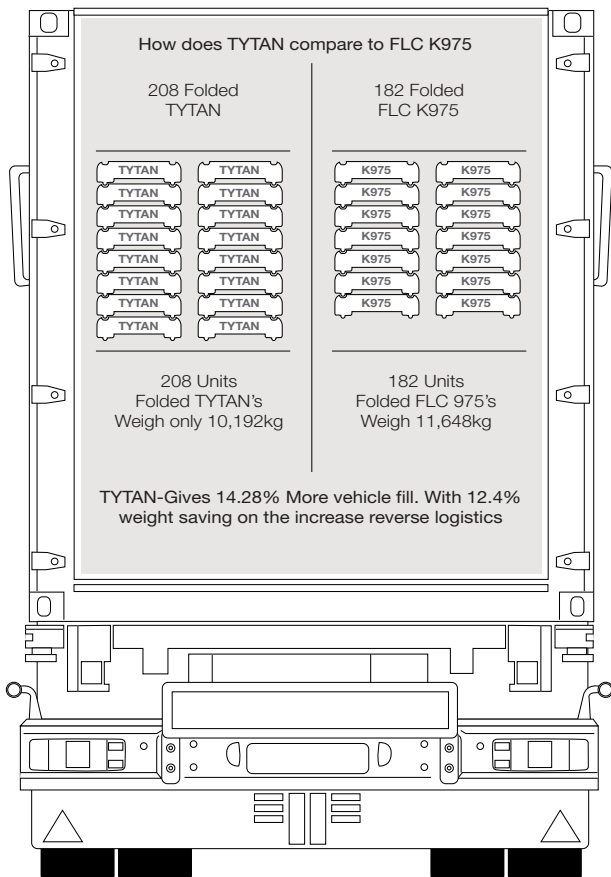
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TYTAN. Travels less.

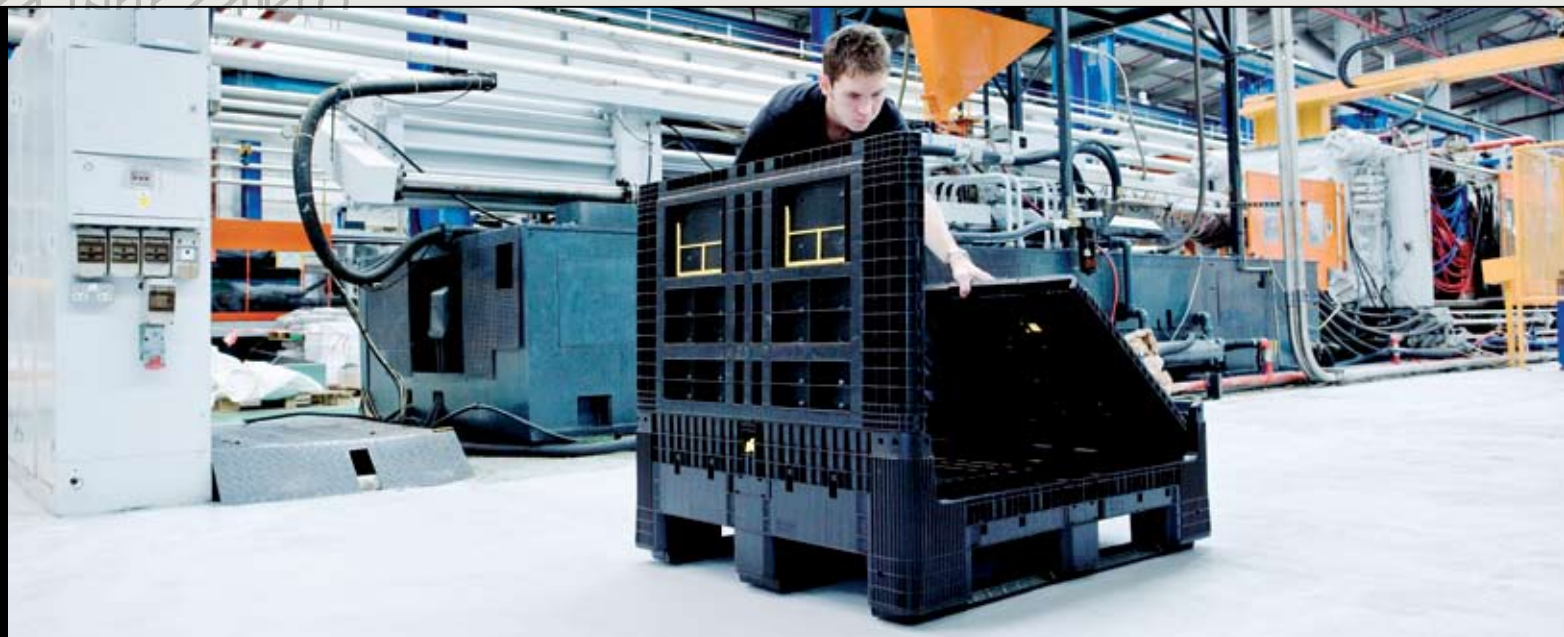


Industry worldwide has made a significant investment in FLC from LINPAC Allibert and we are not about to alienate our customers by introducing a new product that requires additional investment or a different way of working.

This is an evolution, not a revolution. TYTAN does not make its predecessor obsolete. You don't need to throw away your existing FLCs to benefit from the new product: TYTAN has been designed to work seamlessly with K975.

Stacking points are in identical places and the footprint is identical.

See the tables opposite to see how TYTAN compares with K975.



TYTAN. Fits in just about everywhere.

TYTAN vital statistics

		Standard Trailer (2.6m ht.)				Mega Trailer (3m ht.)				Mega Road Train (3m ht.)			
		K975	TYTAN	Benefit	Benefit %	K975	TYTAN	Benefit	Benefit %	K975	TYTAN	Benefit	Benefit %
Net Weight	Kilos	63.9	49	14.9	23.3%	63.9	49	14.9	23.3%	63.9	49	14.9	23.3%
Internal Volume	Litres	780	800	20	2.6%	780	800	20	2.6%	780	800	20	2.6%
Quantity, folded per 26 Pallet trailer		156	182	26	17%	182	208	26	14%	210	240	30	14%
Total load weight	Kilos	9,968	8,918	2,324	23.3%	11,630	10,192	1,438	12.4%	13,419	11,520	1,659	12.4%
Gross Vehicle Weight	Kilos	40,000	40,000	6%		44,000	44,000	3%		44,000	44,000	4%	
Typical Tractor Unit (6 x 2) Tare Weight	Kilos	8,000	8,000			8,000	8,000			9,000	9,000		
Trailer Tare Weight	Kilos	8,000	8,000			9,500	9,500			12,500	12,500		
Load Carrying Capacity	Kilos	24,000	24,000			26,500	26,500			22,500	22,500		
Total Load Weight as % of Load Capacity		42%	37%	10%	23.3%	44%	38%	5%	12.4%	60%	52%	7%	12.4%
Fuel Consumption (Litres/Kilometre)	LPK	3.62	3.55			3.92	3.83			3.92	3.79		
Fuel Used in Litres per trip (500 Kms)	500	1,810	1,775	76.71	4%	1,960	1,913	47.44	2%	1,960	1,905	54.75	3%

Fuel saving calculations (Source RHA Cost Tables)

GVW (tonnes)	LPK	Additional LPK	LPK per Tonne
33	3.14		
38	3.53	0.39	0.078
40	3.62	0.09	0.045
44	3.92	0.3	0.075
Average Saving per Tonne in LPK			0.066

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Doors and sides open inside and out for quicker, easier folding.



Construction channels away moisture and allows airflow for fast drying.



Patented, quick-release hinges allow fast part replacement in case of damage or misuse.



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Tags showing contents can be clearly displayed on two sides.



Patented base runners allow better location in pallet racking.



Hidden vault for tracking device.

TYTAN. In detail.

○ FLA97520

TYTAN - a folding pallet container for long lasting performance in the most demanding of environments.

suitable for:

- automotive industry
- caps and closures
- many general industrial applications



Dust Cover
LI097504



Lid
LI09759D



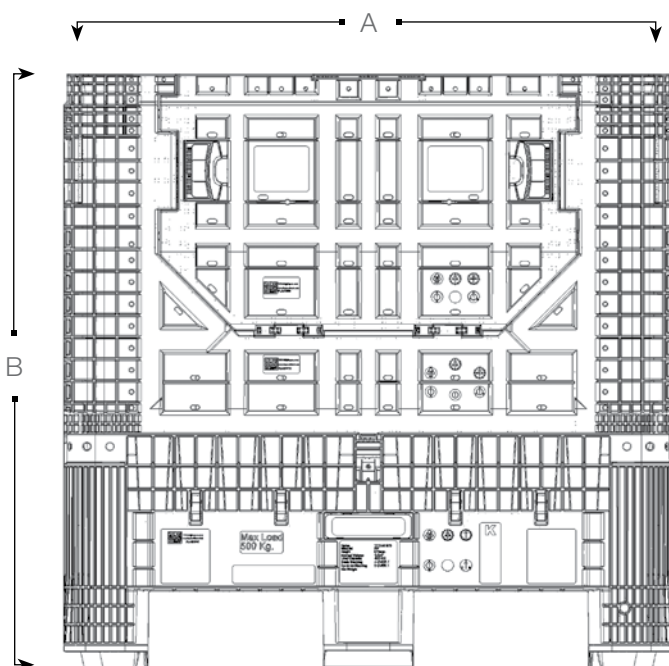
Stacked
1920mm



Folded
62%

Technical specification

Ext. Dim.	1197 x 997 x 975mm
Int. Dim.	1121 x 921 x 775mm
Load	500kg
Capacity	800 litres
Weight	49kg
Material	Polypropylene
Colour	Black



A - Internal Dimensions: 1121 x 921 x 775mm

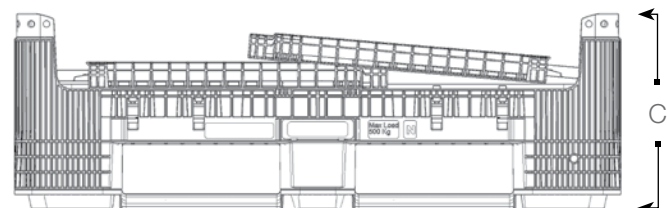
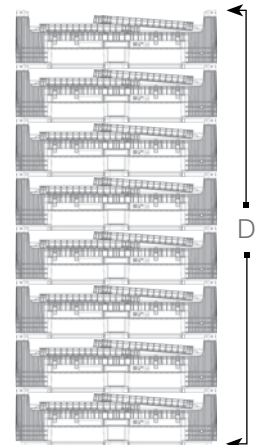
B - External Dimensions: 1197 x 997 x 975mm

C - Folded height: 385mm
355mm

D - Folded stacked heights: 8 high folded (2.870m)

Internal capacity: 800 litres

Maximum box load: 500 kgs UDL



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