



**ALLpaQ Packaging Group**

Trusted Global Tote Solutions



BIOPROCESS  
TOTES, FLUID  
MANAGEMENT  
AND PHARMA  
SOLUTIONS

LET'S CHANGE YOUR  
LIFE (SCIENCES)

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

# MAKING YOUR PROCESS FLUID

"ALLpaQ empowers scientists around the world in solving complex daily challenges. We have a proud history of designing innovative pharma solutions to help you manufacture, store, ship and protect valuable media, buffers and bioprocess liquids.

ALLpaQ's flagship Genesis tote range ushers in a new age of fluid management. Stackable and collapsible, the innovative design saves valuable space in storage and shipment. The range has since expanded to optimise all aspects of up and downstream bioprocessing to drive operational and cost benefits.

From discovery, development, clinical testing to manufacturing, your research and drug development process is unique. That's why we deliver the customisation you need to optimise your in-process supply chain from clinical development stages through to commercial scale. It's our mission to increase your in-process productivity. It's our mission to change your life (sciences).

Unlike many plastic tote providers in the industry, ALLpaQ is very proud to give our clients a complete in-house service. Products are designed by our own technical/CAD team, fabricated by our own plastic welding specialists and supplied to requirements by our experienced sales team. This ensures a seamless process from conceptualisation to delivery."

**- Managing Director, Phill Allen**



ALLpaQ

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The original all-plastic bioprocess tote

# GENESIS

Designed to meet the ever-evolving needs of the pharmaceutical industry, Genesis presents the ultimate storage and shipment solution.

Collapsible, stackable and reusable, the user-friendly range of units features smooth surfaces to inhibit bacterial growth, is easy to maintain and ready to customise to your commercial and operational goals.

The Genius Of

# GENESIS

## STACKABLE



Maximise warehousing and shipment for space and cost optimisation.

## COLLAPSIBLE



Fold the units to save valuable space in return shipment.

## LIGHTWEIGHT



Plastic's lightweight properties reduce shipping charges.

## RECYCLABLE



Any end-of-life products are recycled and injected into future developments.

## MANUAL HANDLING



Lightweight plastic is user-friendly for operators.

## HYGIENE



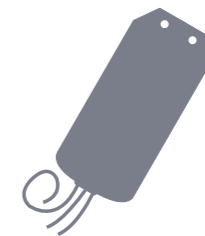
Spillage control and jet washable. Individual panels can be removed for cleaning.

## REUSABLE



Keep in rotation for years and replace panels to add to the lifespan of your fleet.

## SINGLE-USE BAGS



Bag compatibility decreases production downtime, optimises uptime. No cleaning and verified as fit-to-fill.

# SIZING UP YOUR BIOPROCESS CONTAINMENT NEEDS\*



\* Specs same as smaller size unless otherwise stated



External Dimensions (metric) mm:	809 x 609 x 498	809 x 609 x 640
External Dimensions (imperial) inch:	31.8 x 23.9 x 19.6	31.8 x 23.9 x 25.2
Folded Height:	403mm / 15.9"	535mm / 21"
Internal Dimensions (metric) mm:	740 x 540 x 146	740 x 540 x 335
Internal Dimensions (imperial) inch:	29.1 x 21.3 x 5.8	29.1 x 21.3 x 13.2
Maximum Dynamic Load:	600 kg / 1323 lbs	600 kg / 1323 lbs
Maximum Static Load:	1500 kg / 3307 lbs	1500 kg / 3307 lbs
Maximum Stack Dynamic:	1 + 1	1 + 1
Maximum Stack Static:	1 + 3	1 + 3
Tare Weight:	18 kg / 40 lbs	22 kg / 48.5 lbs
Product Code:	4430042	4430071

# Imagine. Invent. Inspire.

“The very nature of science is discoveries, and the best of those discoveries are the ones you don't expect.”

- Neil deGrasse Tyson



# CUSTOM

Size, features and appearances can be tailored to your needs!



## 250L



## 500L



## 600L



## 1000L



RACE UNIT  

## 1000L

External Dimensions (metric) mm:	809 x 609 x 965	1200 x 800 x 1040
External Dimensions (imperial) inch:	31.8 x 23.9 x 37.8	47.2 x 31.5 x 41
Folded Height:	535mm / 21"	575mm / 22.6"
Internal Dimensions (metric) mm:	740 x 540 x 660	1130 x 720 x 700
Internal Dimensions (imperial) inch:	29.1 x 21.3 x 26	44.5 x 28.3 x 27.6
Maximum Dynamic Load:	600 kg / 1323 lbs	1260 kg / 2778 lbs
Maximum Static Load:	1500 kg / 3307 lbs	4200 kg / 9260 lbs
Maximum Stack Dynamic:	1 + 1	1 + 1
Maximum Stack Static:	1 + 3	1 + 3
Tare Weight:	25 kg / 55 lbs	90 kg / 212 lbs
Product Code:	4430072	4420950

External Dimensions (metric) mm:	1155 x 1155 x 980	1155 x 1155 x 1294	1200 x 1000 x 1270
External Dimensions (imperial) inch:	45.5 x 45.5 x 38.6	45.5 x 45.5 x 50.9	47.2 x 39.3 x 50
Folded Height:	629mm / 24.8"	629mm / 24.8"	470mm / 18.5"
Internal Dimensions (metric) mm:	1051 x 1031 x 640	1051 x 1031 x 940	1125 x 930 x 965
Internal Dimensions (imperial) inch:	41.4 x 40.1 x 25.2	41.4 x 40.1 x 37	44.3 x 36.6 x 37.9
Maximum Dynamic Load:	2250 kg / 4960 lbs	3200 kg / 7055 lbs	3200 kg / 7055 lbs
Maximum Static Load:	4360 kg / 9612 lbs	4500 kg / 9921 lbs	4500 kg / 9921 lbs
Maximum Stack Dynamic:	1 + 1	1 + 1	1 + 1
Maximum Stack Static:	1 + 3	1 + 3	1 + 3
Tare Weight:	101 kg / 223 lbs	113 kg / 250 lbs	133kg/ 293 lbs
Product Code:	4420052	4420050	4412102

Reduce your air miles

# GENESIS AIR

Evolve the way you ship biopharmaceutical media held in environmental control with Genesis AIR bioprocess totes from ALLpaQ.

AIR's strategic design ensures no spare space is wasted inside enviro containers. This means that when your media is cruising at 35,000 feet, you'll also be flying high as:



The storage space available to you has been fully optimised.



Your organisation will see a sizeable reduction in shipping costs as well as carbon emissions.



You can transport more biopharmaceutical media per flight.



## SPECIFICATIONS

External Dimensions (metric) mm:	1155 x 955 x 1097
External Dimensions (imperial) inch:	45.5 x 37.6 x 43.2
Folded Height metric/imperial:	629mm x 24.8"
Internal Dimensions (metric) metric:	1060 x 835 x 750
Internal Dimensions (imperial) inch:	41.7 x 40.1 x 29.5
Maximum Dynamic load kg/lbs:	2250 kg / 4960 lb
Maximum Static load kg/lbs:	4360 kg / 9612 lb
Maximum stack Dynamic:	1 + 1
Maximum stack Static:	1 + 3
Tare Weight kg/lb:	100kg/220lbs
Volume litres:	600
Product Code:	4440650





# BECAUSE YOU'RE UNIQUE, SO ARE WE

From size and technical modifications, to branding for tracking and company awareness, ALLpaQ lightweight totes can be customised to your exact requirements.

**Screen Printing**  
to side panels

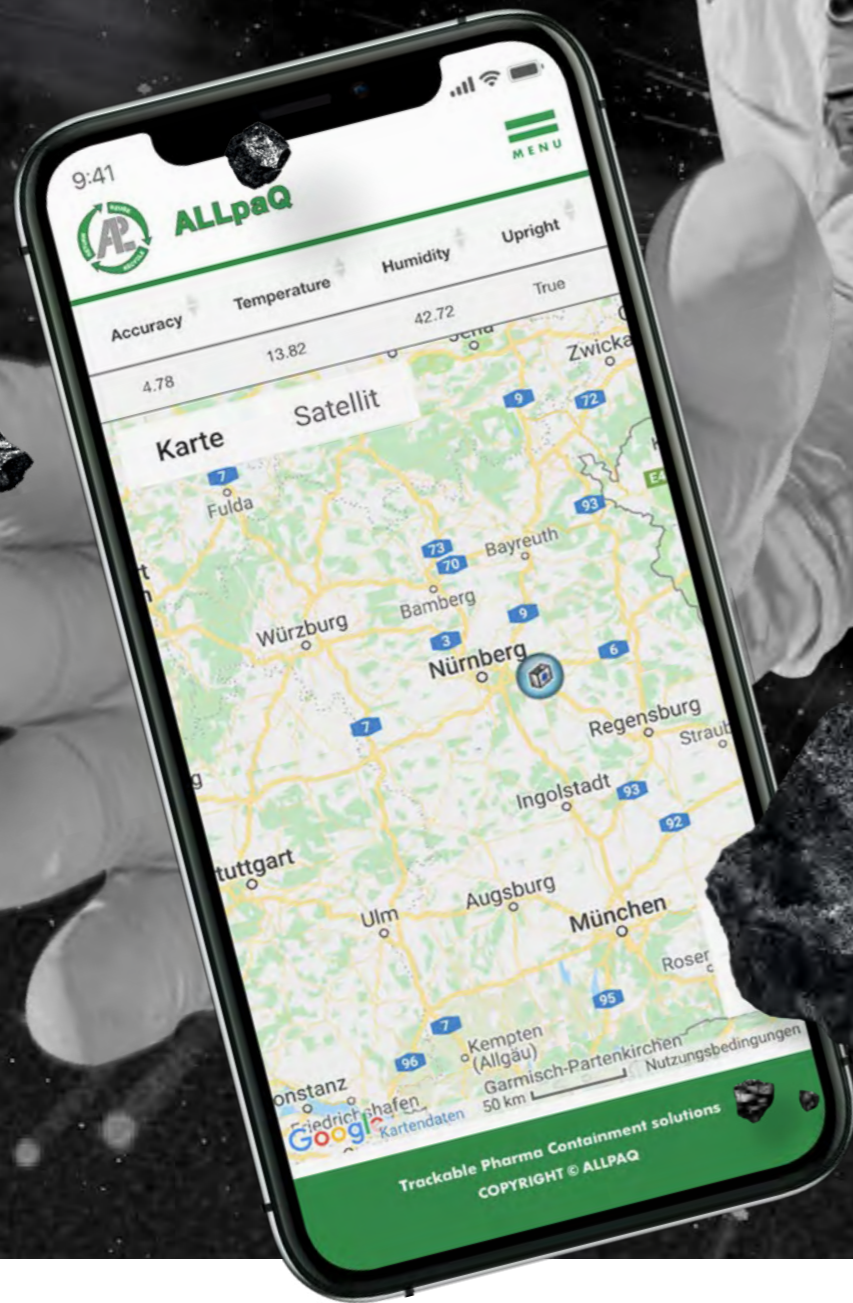
**Full Colour UV Printing**  
puts your brand on it

**Security**  
tamper evidence options for lid catches

**Colour options**  
for base access doors

# INTRODUCING The Trackable ALLpaQ 'SMART' Tote

Change your life (sciences)



Smart GPS tracking  
for plastic and  
rigid steel totes

## REMOTE TRACKING:



### GPS

Data insights into where your products are on the logistics journey and how many totes are in operation.



### STATUS INDICATION

An intelligent chip alerts the asset owner as soon as a side panel is folded, indicating the empty tote is ready to collect.



# THE VALUE IS IN THE **(BIO)**PROCESS

Because your in-process requirements are unique, ALLpaQ lightweight totes can be customised to you. Our process will deliver results which optimise your in-process supply chain needs.

## 0.1 Analysis and design

Litre and space analysis / Hygiene management / Shipping logistics / Cost planning / Infrastructure compatibility

## 0.2 Development

Fabrication / Customisation / Trial and testing / Full plan implementation

## 0.3 Innovation

Continual strategic improvements / Repair and replacement / Staff training

# I THINK, THEREFORE I AM

"An hour of planning can save you 10 hours of doing."

- Albert Einstein

## We have it in the bag.

ALLpaQ has it in the bag when it comes to single-use bioprocess bags for the preparation, storage and transport of biopharmaceutical solutions, intermediates and final bulk products. Whatever bags you use, our totes have been designed for universal compatibility. Supercharge your business by combining ALLpaQ totes with bags which deliver a potent alternative to traditional glass, stainless steel and rigid plastic carboys.

### SINGLE-USE HAS ITS USES:



No need to clean containers reducing costs, energy and production downtime



Maintain optimal uptime with quick bag replacement



Single-use bags don't need cleaning, they are sterilised and verified as being fit-to-fill



ALLpaQ

SINGLE-USE

- ✓ Ensure Quality
- ✓ Improve Productivity
- ✓ Add Flexibility
- ✓ Enhance Manufacturing Efficiency
- ✓ Reduce Costs

p.02

**DID YOU KNOW?**  
The ALLpaQ tote range is compatible with all bag types.



After single-use bags are disposed of via incineration, the produced energy is harnessed.



— The original all-plastic bioprocess tote fleet —

## CLEANROOM

Hygienically designed cleanroom totes fold for efficient storage with open access to the drain tubes. Smooth sides make for ease of cleaning and validation.

Obsessive about keeping unwanted particles at bay? The customisable tote range delivers greater hygiene, cost effectiveness, functionality and versatility day in, day out.

# KEEP YOUR PROCESS CLEAN, KEEP IT LEAN

## The (clean)room freak

ALLpaQ Cleanroom totes are designed for specific use within your cleanroom environment.



Foldable to enhance storage capability within controlled environments



Equipped with open access to the drain tubes for ease of operation



Manufactured in virgin material with smooth sides to inhibit bacterial growth



Plastic totes are jet washable



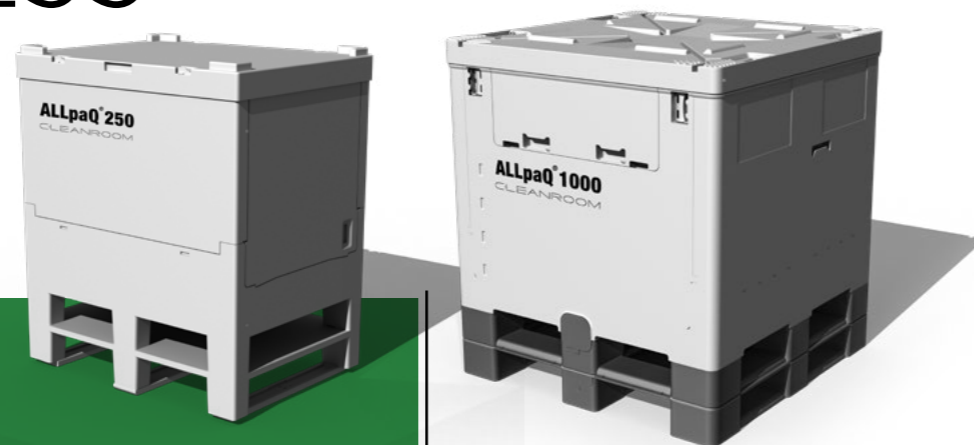
Individual sidewalls can be removed for cleaning and sterilising



## Compatible with all single-use bag types

Maintain optimal uptime with sterilised and verified as being fit-to-fill single-use bags.

# CLEANING UP YOUR (BIO) PROCESS



ALLpaQ CLEANROOM RANGE AVAILABLE IN ALL SIZES - 50, 100, 250, 500, 600 & 1000L

250L

1000L

External Dimensions (metric) mm:	809 x 609 x 965	1155 x 1155 x 1294
External Dimensions (imperial) inch:	31.8 x 23.9 x 37.8	45.5 x 45.5 x 30.1
Folded Height:	535mm / 21"	629mm / 24.8"
Internal Dimensions (metric) mm:	740 x 540 x 660	1051 x 1031 x 940
Internal Dimensions (imperial) inch:	29.1 x 21.3 x 26	41.4 x 40.1 x 37
Maximum Dynamic Load:	600 kg / 1323 lbs	3200 kg / 7055 lbs
Maximum Static Load:	1500 kg / 3307 lbs	4500 kg / 9921 lbs
Maximum Stack Dynamic:	1 + 1	1 + 1
Maximum Stack Static:	1 + 3	1 + 3
Tare Weight:	24 kg / 53 lbs	113 kg / 250 lbs
Product Code:	4430082	4420084



"Science knows no country, because knowledge belongs to humanity, and is the torch that illuminates the world."

- Louis Pasteur



Cleanroom Totes and Accessories

# RIGID PLASTIC

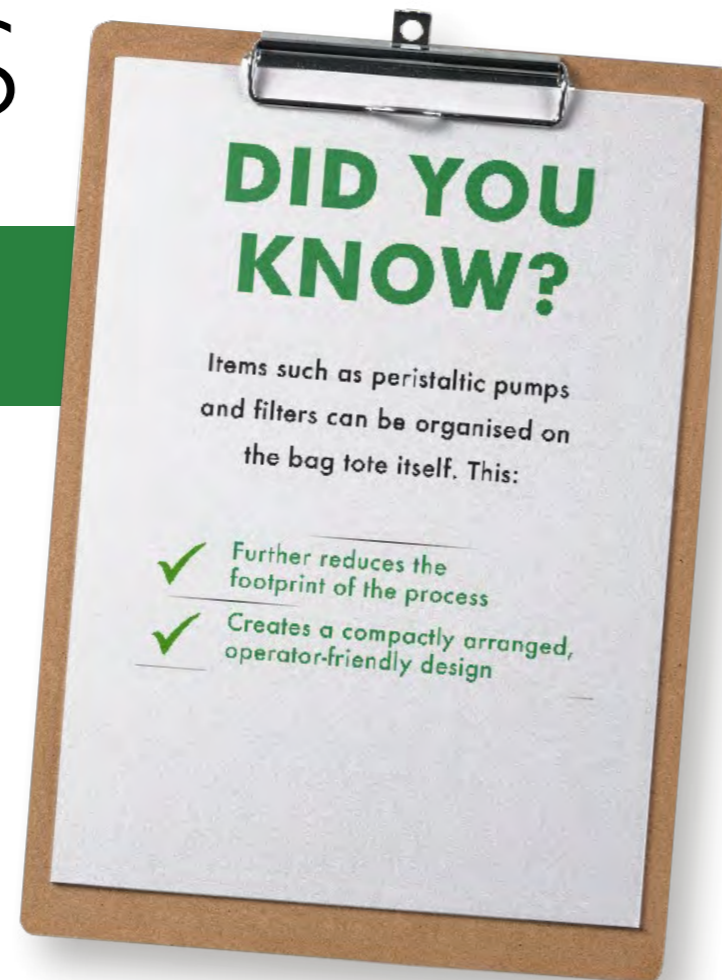
Our plastic cleanroom totes are safe and resilient, with smooth surfaces to inhibit bacterial growth, great for cleanroom hygiene.



# MIXING RIGID PLASTIC SOLUTIONS INTO YOUR PROCESS

## Recirculates Better Business

ALLpaQ's all-plastic range of rigid totes and accessories optimise upstream media storage. They lower the profile of introducing media and buffer into the process.



## Rigid Liquid Totes

With a range of off-the-shelf sizes, ALLpaQ's lightweight, user-friendly totes can be customised to optimise your exact bioprocessing needs.

### Sizing:

10L 50L 200L 500L 1000L 1000+



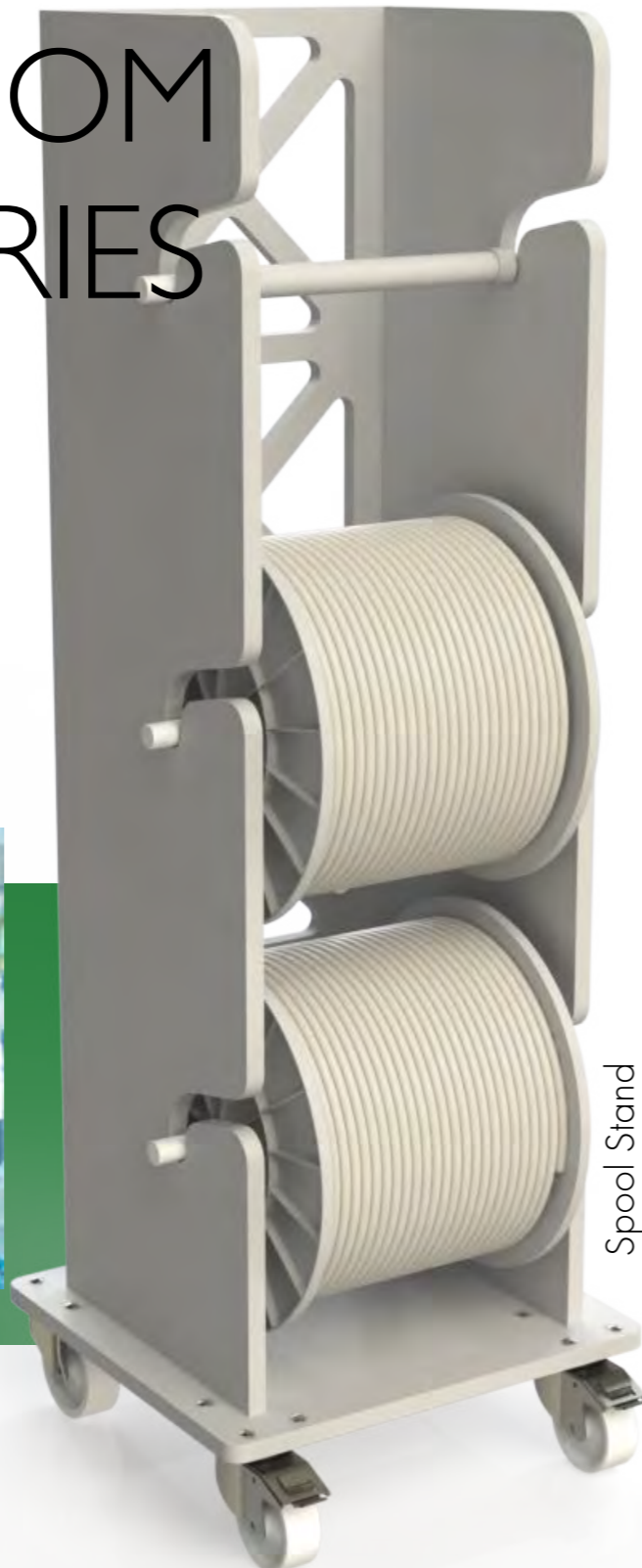
## Dynamic Door

The unique ALLpaQ 'Dynamic Door' eliminates hinges, slides, catches and bolts from the door mechanism. Meaning no bacterial growth areas. Probably the cleanest door system ever?



# RIGID PLASTIC CLEANROOM ACCESSORIES

ALLpaQ assembly, workstation and storage systems are designed to reduce operator error, whilst improving biotech and pharmaceutical manufacturing process efficiency. With a full spectrum of systems and accessories to choose from, get greater flexibility, mobility and support for your bioprocess.



Spool Stand

## 2D Bag Cabinets

For unrestricted and safe storage of your 2D bags, ALLpaQ cabinets are designed to optimise your bioprocess, foster compliance, cleanability, customisation and ease of operator handling.



## 2D Bag Trays

The ALLpaQ range of 2D bag trays go up to 50L. They are perfect for cell culture and media solutions. Because your process is unique, standard won't always cut it. So our custom solution enables the creation of trays modified to optimise your process needs.



## Bespoke Accessories

Keep laboratory and cleanroom equipment tidy and secure. Our uniquely designed bespoke storage units and cabinets can be floor, wall, desktop or bench mounted to suit your needs.



# Making Your Fluid Management Systems Flow



## Document Holders

ALLpaQ document holders can be customised to fit non-standard applications such as bioreactors and chromatography columns. Perfect for holding items such as logbooks, operation and validation documents.

## Status Boards

What's going on with your in-production batch? Write down key information with status boards from ALLpaQ. This product can be customised to fit the exterior of your application. The devil is in the detail.

## Pally

Looking for a versatile solution to move small totes around your production facility? Multi-use product Pally comes with smart castors which retract back into the deck when you've finished moving the tote, instantly becoming a stable pallet base.



## Robo Totes

As industries look to more efficient automation in the warehouse environment, ALLpaQ are busy designing solutions for the movement of valuable pharmaceutical media within the internal logistics environment. Robo Tote, developed with our robotics partner, will move your warehouse operation into the future.



# CONSULTATION AND PLANNING: PUTTING THE LOGIC IN YOUR LOGISTICS

## A fluid management process

Knowledge is power when it comes to fluid handling systems. That's why we offer consultation to streamline your containment needs from start to finish.



### Design

Creating a plan to achieve your business goals in a cost-effective manner.



### Development

Product development and a trial phase.



### Implementation

Full implementation of the plan.

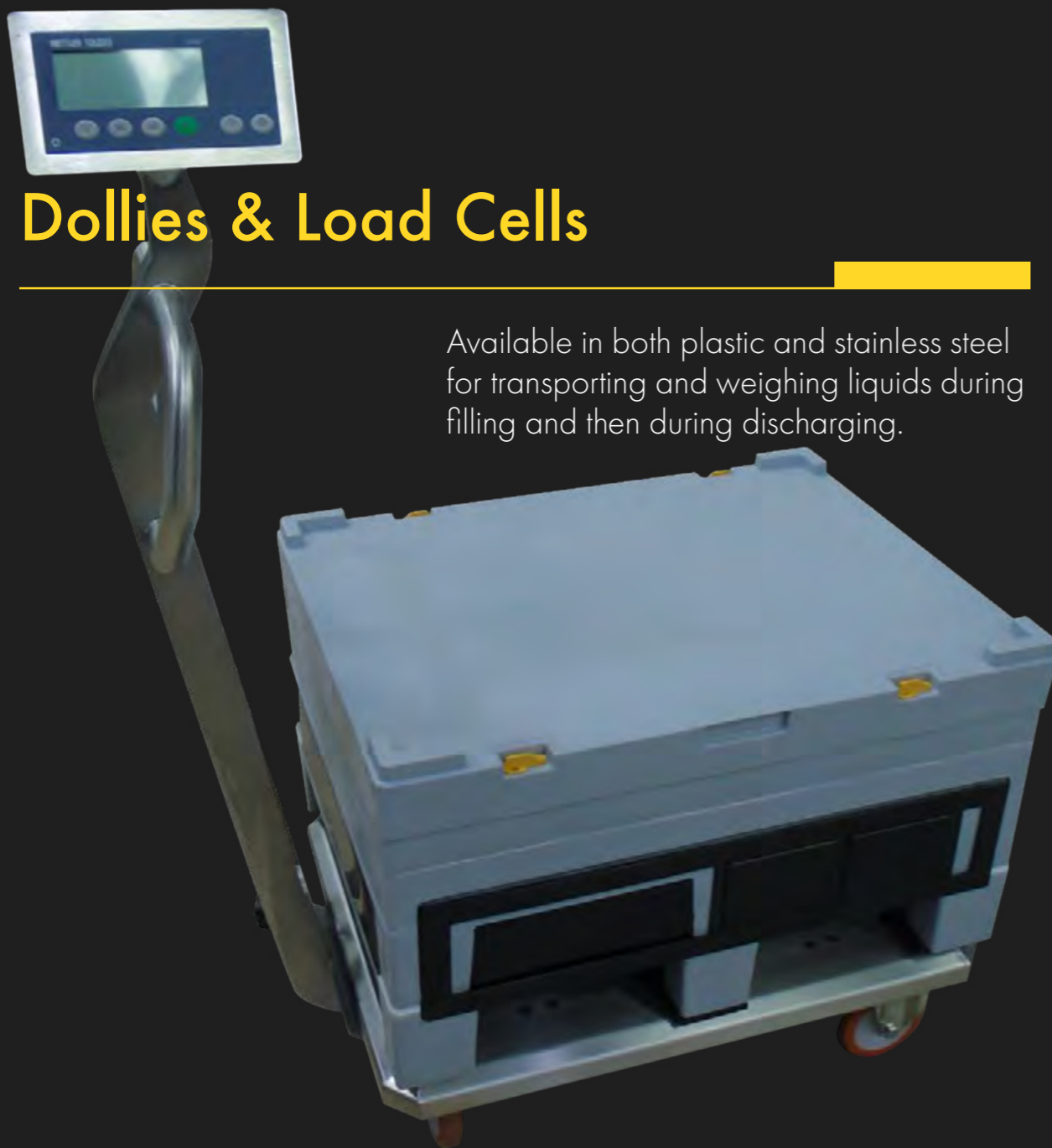


### Maintenance

Ongoing customer care, services, consultancy, and maintenance.

# ADDITIONAL RANGE

## Dollies & Load Cells



Available in both plastic and stainless steel for transporting and weighing liquids during filling and then during discharging.

## Bespoke Trunking



Keep trip-hazard bag-tubing off the floor and safely out of the way, on the walls, with ALLpaQ made-to-measure Trunking.

## Stainless Steel Totes



ALLpaQ innovative Stainless Steel Totes are bespoke - made to your precise specs - from 50 litres to 2000 litres.

## Topdrain Totes



Topdrain bioprocess totes are designed for applications requiring the filling and emptying of 3D bags. Fabricated to enhance storage capacity, Topdrain safely secures the storage of valuable media for the biopharmaceutical industry.

## Standard Dolly



ALLpaQ standard dollies ease the transportation of our bioprocess totes. Ease the handling of your units in operation and confined spaces.

# ENVIRONMENTAL STATEMENT: RESPONSIBLE PACKAGING

In this ever-shrinking world of ours, actions that benefit the wider community are actions worth taking. As such, we all have a duty to package responsibly. At least, that's the way we see it at ALLpaQ.

Reuse, return, recycle: this brand mantra is built into every inch of our bioprocess totes and pharma solutions.



"The art and science of asking questions is the source of all knowledge."

- Thomas Berger

ALLpaQ bioprocess totes can be used time and time again. And, in the event of damage, individual panels can be removed and replaced. This adds to the lifespan of your bioprocess containment fleet, enhancing sustainability and your bottom line.




We're corporate. We're social. We're responsible. At ALLpaQ, we are committed to a responsible future through recycling plastic bioprocess totes. This means we'll always accept used bioprocess containers from the customer to go to recycling. We only ever manufacture containers from virgin materials to ensure recyclability.

## Ticking the right environmentally-friendly boxes




Less plastic in landfill



Reduction in oil consumption in plastic production



Reduction in energy consumption



Reduction in CO2 carbon emissions

# LET'S TALK

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