

# Dynamic Modular Solutions

Agile | Bespoke | Configurable





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# Who We Are

## How Can Dawsongroup tcs Support Your Business?

Think about how your business is limited by space and movement or restricted by the demands of environmental controls, like temperature, humidity, and cleanrooms.

Now ask yourself how your organisation could improve with fast, affordable, and provisional space and movement solutions.

The answer can be found with Dawsongroup tcs.

## Dawsongroup

Dawsongroup is a community of industry-leading business-to-business asset hire and funding companies. The Group provides specialist commercial vehicles and temperature-controlled solutions, and our assets represent more than thirty thousand supply chain links across every market.

Dawsongroup tcs, a subsidiary of Dawsongroup, was founded in 1990 to provide the market with high-quality, hireable, modular and configurable temperature control solutions.

We emphasise space optimisation, seamless movement, and streamlined processes to empower business operations and opportunities without extensive lead times or heavy capital investment. Our Smarter Asset Strategy offers the right solution for your needs without risking capital.

We remain at the forefront of innovation, ensuring our customers maintain agility in an ever-changing marketplace.



# Dawsongroup tcs

## Why Dawsongroup tcs?

At Dawsongroup tcs, we are your strategic partners. We develop an in-depth understanding of your needs and challenges through our assessments, conversations and site visits. Our industry expertise and consultative approach are the key to designing systems tailored to your business.

Our solutions deliver short- and long-term cost savings, operational improvements, refined temperature consistency, enhanced labour efficiency and stock rotation, and boosted logistic process flow.

## Operational Across the Globe

Dawsongroup tcs is continuously adapting and evolving our offerings to meet the ever-changing needs of the global supply chain, helping businesses thrive in an increasingly competitive landscape.

Our extensive network spans the UK, New Zealand, the USA, and Europe, providing localised support and expertise around the globe, guaranteeing that each solution is aligned with regional regulations and market demands.

## Industries We Support



**Agriculture**



**Automotive**



**Beverages**



**Defence and Security**



**Events**



**Food**



**Healthcare**



**Logistics**



**Manufacturing**



**Pharma**



**Retail**



**Wholesale**

# The Super°box

The Dawsongroup tcs Super°box is the agile, bespoke, and configurable space and movement hire solution you've been looking for. Designed with your space, process, storage, and movement needs in mind, it will meet your unique business requirements.

The Super°box is wider than a traditional container and can be designed in any configuration to create a modular complex of any size. It offers an efficiency, speed, and flexibility that permanent buildings cannot match and turns your unused space into profit.



## Versatile Applications:

Upgrade your logistic facilities with industry-standard facilities, while reducing environmental impact.

Configure to your specifications, the Super°box can include:

- Cold Stores
- Production Facilities
- Blast Freezers / Blast Chillers
- Cross-docking / Distribution Hub
- Tempering
- Cleanrooms
- Warming Room / Hot Boxes
- Test Chambers
- Modular Complexes
- ATEX

Designed to streamline your process needs.

These modules can be brought together to form large complexes that can be installed quickly, fully documented and certified, with minimal site disruption. These complexes extend your space internally or externally, with a wider footprint for effortless operations, and critical safety features, like mains failure and person-trapped alarms.

# Empowering Your Business to Grow Without Risk

Think **Process**



Think **Space**



Think **Storage**



Think **Movement**



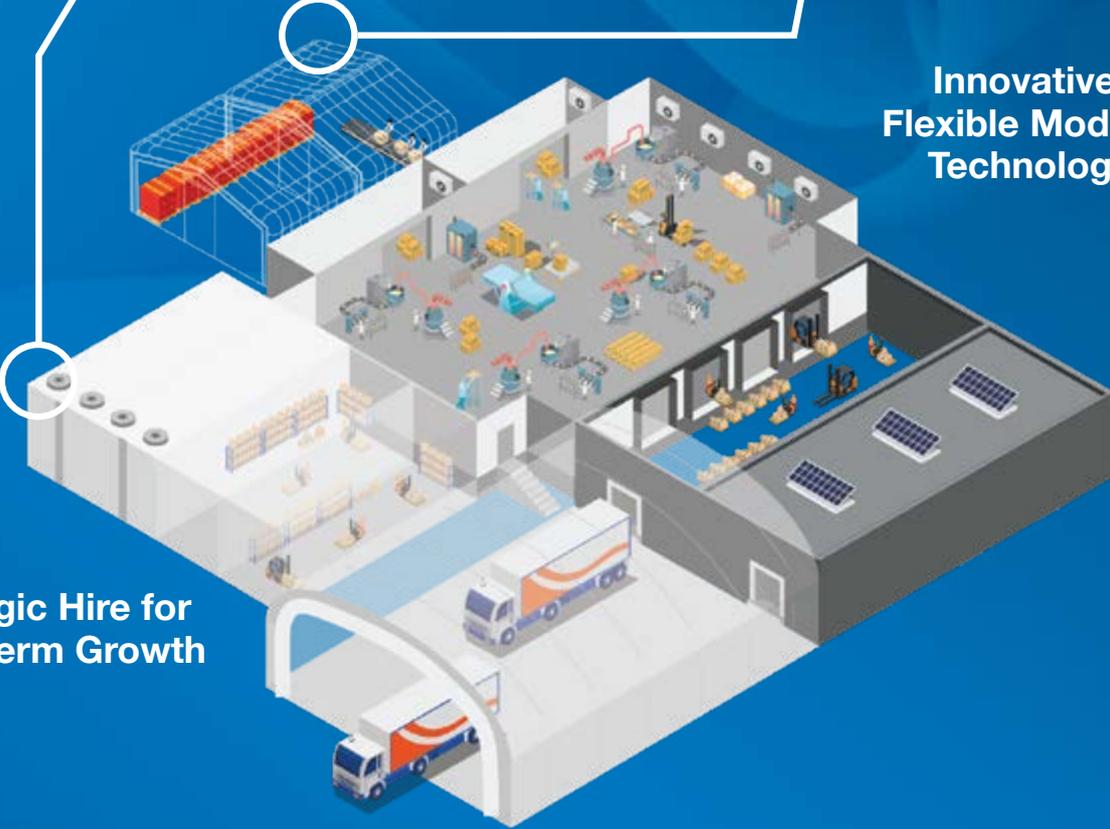
# Think tcs

**SUPERBOX**  
MODULAR SOLUTIONS



**TEMPSTORE**  
THE AGILE SOLUTION

**Innovative,  
Flexible Modular  
Technology**



**Strategic Hire for  
Long-Term Growth**

**Comprehensive Cold Chain Solutions**



# Cold Store Super<sup>o</sup>box

Our Cold Store Super<sup>o</sup>box are fitted with refrigeration plants, offering exceptional performance and energy efficiency. The operational temperature range can go as low as -60°C and is completely adaptable to your needs; it can even be used as a chiller one day and a freezer the next.

## Key Features

- Ranges from +30°C to -30°C as standard, with options from +85°C to -60°C
- PIR insulated units with 30 minutes of fire resistance
- Food-grade interior, easy clean surfaces, non-slip resin floors
- GPRS data logger with web-based data support
- Alarms for mains failure, temperature excursions, and personnel trapped
- Emergency lighting and door release

## Key Benefits

- Flexible storage solutions
- Quick installation with minimal site disruption
- Customisable configuration
- Compliance with regulations
- Precise temperature control and enhanced product preservation
- Cost-effective contract hire



“The first name for a temporary freezer solution.”

# Blast Freezer / Blast Chiller / Tempering Super°box

The blast freezer, blast chiller, and tempering Super°box offers a complete solution for your temperature-controlled needs. Using advanced technology, the Blast Freezer ensures rapid and safe freezing, preventing freezer burn while improving energy efficiency and product quality. Our blast freezers bring your products to -18°C faster and more efficiently than chamber freezers, saving you time and money, and reducing carbon emissions.

Our walk-in blast freezer/blast chiller also offers the option to run tempering/defrost cycles, which allow you to freeze raw ingredients or products and temper them when needed to meet your order requirements. The Super°box easily adapts to changing operational demands, ensuring that every order is fulfilled without wastage or excess inventory, maximising profits and efficiency.

## Key Features

- Option to run tempering and defrost cycles
- PIR insulated units with 30 minutes of fire resistance
- High efficiency, low noise plant
- GPRS data logger with web-based data support
- Automated process of blast and hold
- Emergency lighting and door release

## Key Benefits

- Controlled, rapid product temperature reduction
- Improved product quality
- Facilitates improved production planning
- Bacteria kept to a minimum
- In-house production offers improved control
- Reduced carbon footprint

**nutriment**  
QUALITY RAW FOOD FOR CATS & DOGS

“We are a better business because of Dawsongroup.”

# General Specifications

## Cold Store

Model Number	**External Dimensions (L) x (W) x (H)	Internal Dimensions (L) x (W) x (H)	Internal Storage Capacity (m <sup>3</sup> )	*Operation Range
SB14	6058mm x 3804mm x 2841mm	5065mm x 3543mm x 2260mm	17.9	-30°C to +30°C
SB20	8822mm x 3806mm x 2840mm	7902mm x 3543mm x 2260mm	27.9	-30°C to +30°C
SB29	8822mm x 4056mm x 2906mm	7751mm x 3778mm x 2260mm	29.2	-30°C to +30°C
SB31	12192mm x 3806mm x 2906mm	11130mm x 3543mm x 2260mm	39.0	-30°C to +30°C
SB43	12192mm x 4056mm x 2906mm	11126mm x 3778mm x 2260mm	43.0	-30°C to +30°C
SB39	15240mm x 3806mm x 2829mm	14178mm x 3543mm x 2260mm	50.0	-30°C to +30°C
SB54	15240mm x 4056mm x 2906mm	14170mm x 3778mm x 2260mm	54.0	-30°C to +30°C

\*Options for temperature ranges can be as high as +85°C or as low as -60°C

\*\*Options for high roof requirements

## Blast Freezer / Blast Chiller / Tempering

Model Number	External Dimensions (L) x (W) x (H)	Internal Dimensions (L) x (W) x (H)	Internal Storage Capacity (m <sup>3</sup> )	*Operation Range
30KW	9550mm x 3050mm x 3589mm	6335mm x 2568mm x 2090mm	16.2	+10C to -30C
50KW (short)	9550mm x 3050mm x 3589mm	6335mm x 2568mm x 2090mm	16.2	+10C to -30C
50KW (long)	15240mm x 3050mm x 3589mm	11920mm x 2568mm x 2090mm	30.5	+10C to -30C
60KW	15135mm x 4056mm x 3513mm	12071mm x 3574mm x 2140mm	43.0	+10C to -30C
100KW	16090mm x 4090mm x 3513mm	12062mm x 3574mm x 2140mm	43.0	+10C to -30C

\*Options for temperature ranges can be as low as -60°C

# Tempering Super°box

Our Super°box can be configured as a tempering unit with an advanced temperature-controlled system. The tempering Super°box plays a crucial role in the food and beverage industry, providing precise control for fast thawing. This ensures minimal product damage during the transitions from frozen to ready-to-process.

Because tempering controls the temperature from the core to the surface, it ensures the defrosting process meets compliance requirements while maintaining product quality. Our defrosting cycle is significantly quicker and safer than natural defrosting, reducing downtime and enhancing workflow efficiency.

## Key Features

- Controlled defrost of product
- High air pressure and flow
- High efficiency, low noise plant
- Product probe controlled
- Automated defrost and hold mode
- Temperature warning alarms prevent product spoilage

## Key Benefits

- Temperature sensitive controls
- High flow directional air movement
- Allows accurate product dispatch planning
- Easy wash and HACCP compliant
- Process/product segregation
- Fully automated with sms/ email alerts



“ Helps us move towards our green goals. ”

# Warming Room / Hot Boxes Super°box

The Super°box can be adapted to function as a Warming Room or Hot Box, providing precise temperature control up to +85°C, ideal for industries requiring thermal regulation in production. With reverse-cycle refrigeration and auxiliary heaters, it offers both heating and cooling capabilities, ensuring a complete solution for controlled environments. Customisable with oven-like features, it delivers consistent and reliable heating and cooling for applications ranging from food processing to materials testing.

This solution is especially beneficial for industries with temperature-sensitive processes like baking, curing, or drying. The modular design allows for seamless integration into existing production lines, reducing setup time and costs while providing scalable solutions for optimising thermal processes.

## Key Features

- Extreme temperature-controlled storage
- Personnel safety systems
- Secure access
- Hi-temperature compliant internal fittings
- Data logger
- Fail-safe alarms

## Key Benefits

- Product drying
- Controllable product temperature
- Stabilise product temperatures
- Store temperature sensitive products
- Product curing processes
- Ease of expanding or addition to current product lines



“Literally means more sales.”

# Modular Super°box Complexes

The Super°box can be easily configured to fit into production facilities, offering a prefabricated, modular solution that can be dropped into place without disrupting current operations. Designed with compliance in mind, it meets the regulatory standards across sectors like food processing, pharmaceuticals, and electronics. The Super°box enables manufacturers to quickly scale up production space without the lengthy building times and high costs of traditional construction.

## Key Features

- Comprehensive FOC design service
- Bespoke design to maximise space and production
- Option to include machinery fit-out
- Modular-based design
- Staged delivery of modules
- HACCP compliant

## Key Benefits

- Retain production in-house
- Product or process segregation
- Improve process flow
- Ease of expanding production
- Create high-care production areas
- Product segregation



“Only Dawsons were able to deliver our facility end to end.”

# Production Facilities Super°box

The Super°box can be easily configured to fit into production facilities, offering a prefabricated, modular solution that can be dropped into place without disrupting current operations. Designed with compliance in mind, it meets the regulatory standards across sectors like food processing, pharmaceuticals, and electronics. The Super°box enables manufacturers to quickly scale up production space without the lengthy building times and high costs of traditional construction.

## Key Features

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- Bespoke design to maximise space and production
- Option to include machinery fit-out
- Modular-based design
- Staged delivery of modules
- HACCP compliant

## Key Benefits

- Retain production in-house
- Product or process segregation
- Improve process flow
- Ease of expanding production
- Create high-care production areas
- Designed for compliance



“Dawsongroup tcs has been a significant contributor to our success.”

# Cross-docking / Distribution Hub Super°box

Optimising distribution can be a challenge, but the Super°box offers a versatile, cost-effective solution that maintains cold chain integrity while reducing transportation costs. The Super°box can be configured into cross-docking and distribution hubs, it enables the rapid transfer of goods between inbound and outbound transport, minimising the need for long-term storage and significantly cutting inventory holding costs.

With chill, freeze, and ambient storage options, the Super°box is highly adaptable for various products, from perishables to pharmaceuticals. Its spacious handling areas can be segmented into different temperature zones, enabling businesses to manage multiple product types simultaneously. Designed for airports, ports, and distribution centres, the Super°box ensures smooth logistics, improved traceability, and regulatory compliance.

This flexibility also helps businesses adapt to new demands, such as the use of smaller, electric vehicles for last-mile delivery, without compromising efficiency.

## Key Features

- Frozen, chilled or ambient designs
- To include full storage and dock stations as required
- Dock stations to suit various vehicles
- Automated lighting and signalling
- Hi-wear floor surfaces
- Remote alarms and data logging included

## Key Benefits

- Create local distribution
- Reduce vehicle size for city deliveries
- Speed up reaction to delivery demand
- Refine operations to requirements
- Store and distribute multi-temperature products
- Remove external distribution costs



“Our preferred supplier.”

# Cleanrooms Super°box

A modular alternative to the current cleanroom market, the Super°box can be configured to meet cleanroom standards. Our modular cleanrooms meet the ISO classification 5-8, making it ideal for industries that require strict environmental control.

Cleanrooms maintain a contaminant-free environment, ensuring high hygiene levels and product quality. This is especially important for sensitive items like vaccines, biologics, and temperature-sensitive pharmaceuticals. The cleanroom Super°box enables companies to comply with regulations while minimising contamination risks and maintaining product safety.

## Key Features

- Modular format in a range of sizes
- Excellent synergy with existing facilities
- Fully weatherproof
- Full range of ISO specification
- Integral gowning area
- HVAC included in the same footprint

## Key Benefits

- Extend the current facility without using internal space
- Rapid deployment and commissioning
- Can be bespoke to specific requirements
- Ideal for additional projects/ short-term use
- Include 24/7 call out
- Various ancillaries can also be provided



“Everything went excellent on delivery day. The guys are really good at what they do.”

# Test Chamber Super<sup>o</sup>box

The Super<sup>o</sup>box can be configured as a high-performance test chamber, ideal for environmental simulations and designed with advanced temperature and humidity control. It enables businesses to replicate extreme conditions to ensure that materials and products are safe, durable, and fit for their intended purpose. The chamber can simulate airflows, temperature fluctuations, weathering, and corrosion, enabling precise testing in controlled environments.

With a temperature range of -60°C to +80°C (+/- 3°C) and a relative humidity range of 30% to 90% (+/- 5% RH), the Super<sup>o</sup>box test chamber is robust, reliable, and ready for challenging simulations. Additionally, its portable, modular design allows it to be installed inside, outside, or linked to existing facilities, providing a flexible solution that doesn't compromise internal space.

## Key Features

- Fully weatherproof
- Temperature/Humidity/light testing
- Data logging included
- Fail-safe alerts
- Secure entry systems
- Delivered complete, ready for commissioning

## Key Benefits

- Product performance and reliability testing
- Short- or long-term product testing
- Improved customer satisfaction
- Reduced product warranty costs
- Product validation
- Recreate realistic conditions



“Professional, well planned, timely, and good execution.”

# ATEX Super°box

If you're looking for ATEX (Atmosphères Explosibles) compliant unit, then our Super°Box is perfect for you. Our ATEX units, with gas and vapour detection, fulfil the needs of any business operating in potentially explosive atmospheres or hazardous environments. The ATEX Super°boxes are perfect for both upper and lower tier COMAH (Control of Major Accident Hazards) registered companies, particularly beneficial for sectors where the risk of explosions or hazardous materials is a concern.

The Super°box offers flexible, modular and cost-effective compliance solutions to help businesses meet regulatory requirements without extensive modifications.

## Key Features

- Built to COMPEX certification
- Intrinsically sealed fittings
- Integral bunded floor
- Internal/externally qualified or both
- Secure entry systems
- Fail safe alarms and shut down

## Key Benefits

- Store products in-house in a compliant manner
- Avoid costly external storage
- Provide safe conditions for operatives
- Ideal for short-term projects or difficult-to-store products
- 24/7 call-out using COMPEX qualified engineers
- Can be located in an existing ATEX-zoned area



Public Health  
England

“We hit Dawson’s with a request and a week later the units were on site.”

# Our Support

Dawsongroup tcs, we prioritise your satisfaction and aim to provide you with exceptional customer support every step of the way. Our dedicated support team is here to assist with any queries or concerns you may have regarding our solutions.



Certified Inspections



Manual and Training



24/7 Breakdown Line



Remote Support



Global Service Network



Full On-Hire Maintenance

## Get the Dawsongroup Smarter Asset Strategy



Low Capital Outlay



Maximise Cost Efficiency



Optimise Balance Sheet



Expertise and Support



Cost-Saving Assets with Contract Hire



Business Integrity Through Access to Dawsongroup's Asset Range

SMARTER  
ASSET  
STRATEGY

**Dawsongroup** | tcs

# Think **Global** Act **Local**

## UK

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## FRANCE

[modulfroid.fr](http://modulfroid.fr)

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[dawsongroup.nl](http://dawsongroup.nl)

## GERMANY

[thermobil.de](http://thermobil.de)

## POLAND

[dawsongroup.pl](http://dawsongroup.pl)

## NEW ZEALAND

[dawsongroup.co.nz](http://dawsongroup.co.nz)

## IRELAND

[dawsongrouptcs.com](http://dawsongrouptcs.com)

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