



# SychemFILL

## BEDDING DISPENSER

Our freestanding clean **bedding dispenser**. A simple and efficient filling process that saves time and reduces costs.

SychemFILL

Key Features

Bespoke SychemFILL

Technical Information



Contact us today!

**0845 644 6824**



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[sychem.co.uk](http://sychem.co.uk)

## Why choose SychemFILL?



**Bedding dispensers are widely used across animal facilities, delivering several benefits to their users.**

Providing a reduction in manual labour required to fill cages by hand, SychemFILL helps to prevent the potential development of musculoskeletal disorders (MSD).

SychemFILL also prolongs the life of individually ventilated cage (IVC) lid filters, air handling unit filters and room filtration. Further to this, Sychem's Active Airflow Technology protects users from exposure to fine particles generated when filling cages.

## SychemFILL

- ✓ **Active Airflow Technology**
- ✓ **± 4% Bedding Accuracy**
- ✓ **Intuitive User Interface**

### Active Airflow Technology

SychemFILL utilises a dual mechanical and vacuum system that removes fine particles from bedding before being dispensed, while Sychem's Active Airflow Technology protects users from exposure to dust and particles. A reduced fine particle count in the dispensed bedding assists in prolonging the life of individually ventilated cage (IVC) lid filters, air handling unit filters and room filtration.



SychemFILL is one of the fastest filling stations on the market.



### Class-Leading Accuracy

Ultrasonic sensors provide two independent automatic dispensing points, and excellent, class-leading accuracy ( $\pm 4\%$ ). This is ideal for filling cages quickly and efficiently by dispensing precise volumes of bedding every time eliminating wastage and reducing operating costs. The accuracy also contributes towards reduced variability in potential studies and results.

### Intuitive User Interface

The 7" colour touch screen displays live graphics of the top hopper level and alerts users when bedding is required. Users can easily program in their own cage names, and adjust dispensing volumes accordingly.

## AIRFLOW RANGE

SychemFILL is part of our Airflow Range, a collection of five systems that also includes: a dual access animal transfer station, a bedding disposal unit, a class 2 microbiological safety cabinet, and an air shower.



## Key Features



### True Plug N Play

SychemFILL is designed to be true plug n play. It is small enough to fit through standard doors, easy to move and simple to set into place. Just plug the machine into a standard socket, add your desired bedding, and begin.



### Bedding Compatibility

Sychem's Fill station is compatible with all free-flowing rodent bedding with particle sizes ranging from 0.9mm-10mm. SychemFILL also supports all types of commonly used wood and paper-based bedding (including corn cob).



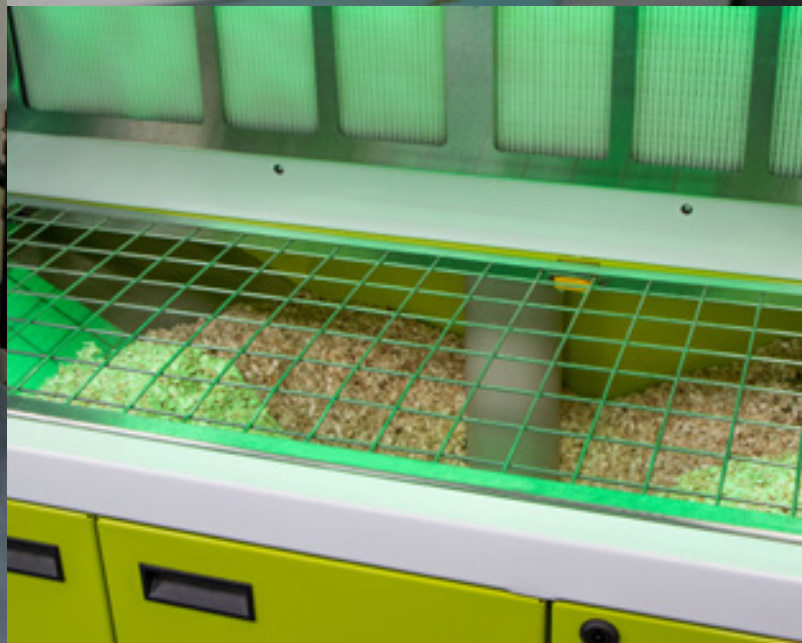
### Real-Time System Monitoring

An integrated level indicator alerts users when bedding is required. User protection is assured by monitoring filters and fan conditions. A smart cycle counter also allows you to monitor the number of cages filled and assists further with the management of the facility.



### Easy, Ergonomic Loading

The dual mechanical & vacuum system allows for easy reloading of bedding by transferring bedding from the lower hopper to the top hoppers. This allows for the reuse of any bedding that missed a cage, and prevents injury caused by lifting bags to a height.

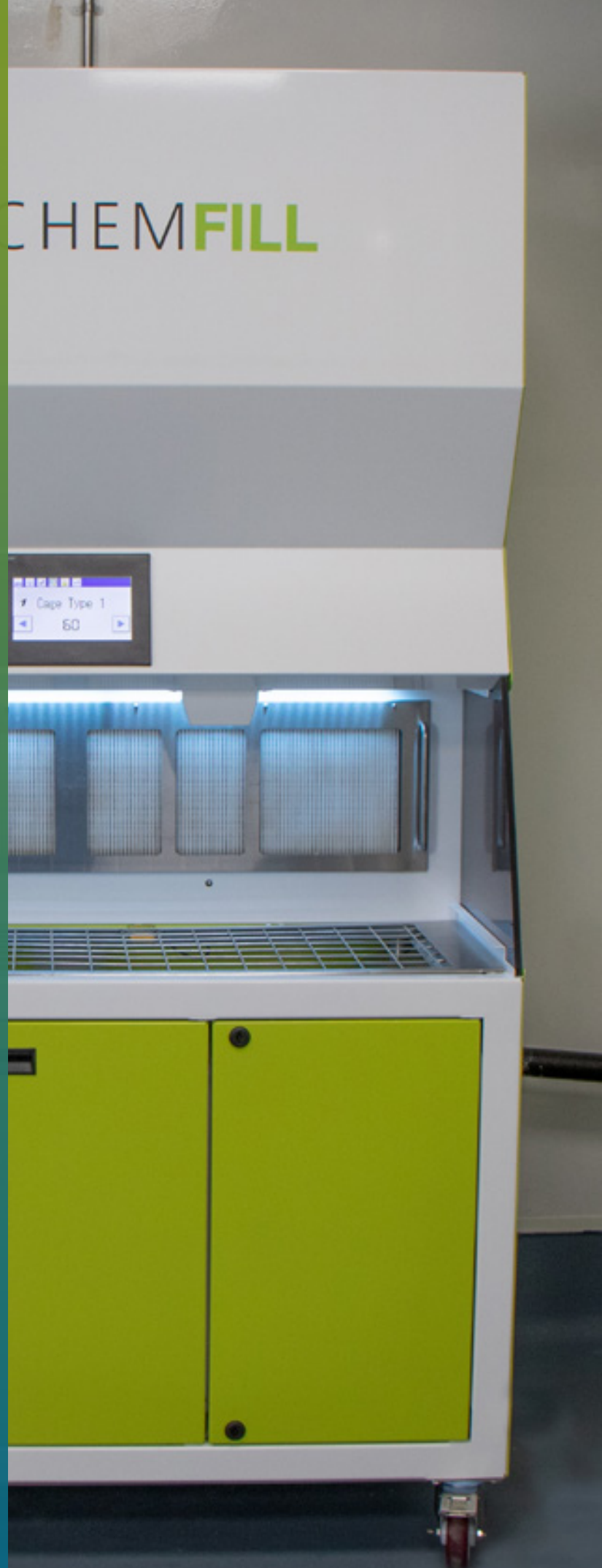


## Enhance Your Cage Changing Process



**SychemFILL is the ideal solution for enhancing the cage change process within any biomedical research facility.**

The system has multiple preset programmes that can be easily adjusted, and users can select different cage types at the touch of a button. SychemFILL features two bedding dispensing points for automatic filling into all cage types.



## Key Features



### High Energy Efficiency

SychemFILL is highly energy efficient, requiring only a standard socket. Sleep mode shuts the system down automatically after a set period of non-use, cutting electricity costs. Touching the display can wake the machine instantly.

### User Safety Systems

Safety of users is at the core of the SychemFILL design, in compliance with all relevant machine directives.

Standard features include:

- Automatic safety sensor when filling directly into the hopper.
- Filter monitoring to maintain optimal user safety.
- Safe mode to prevent users from using the system while the filter-near-blocked warning is activated.



## SychemFILL Bespoke

### Customisable Solutions

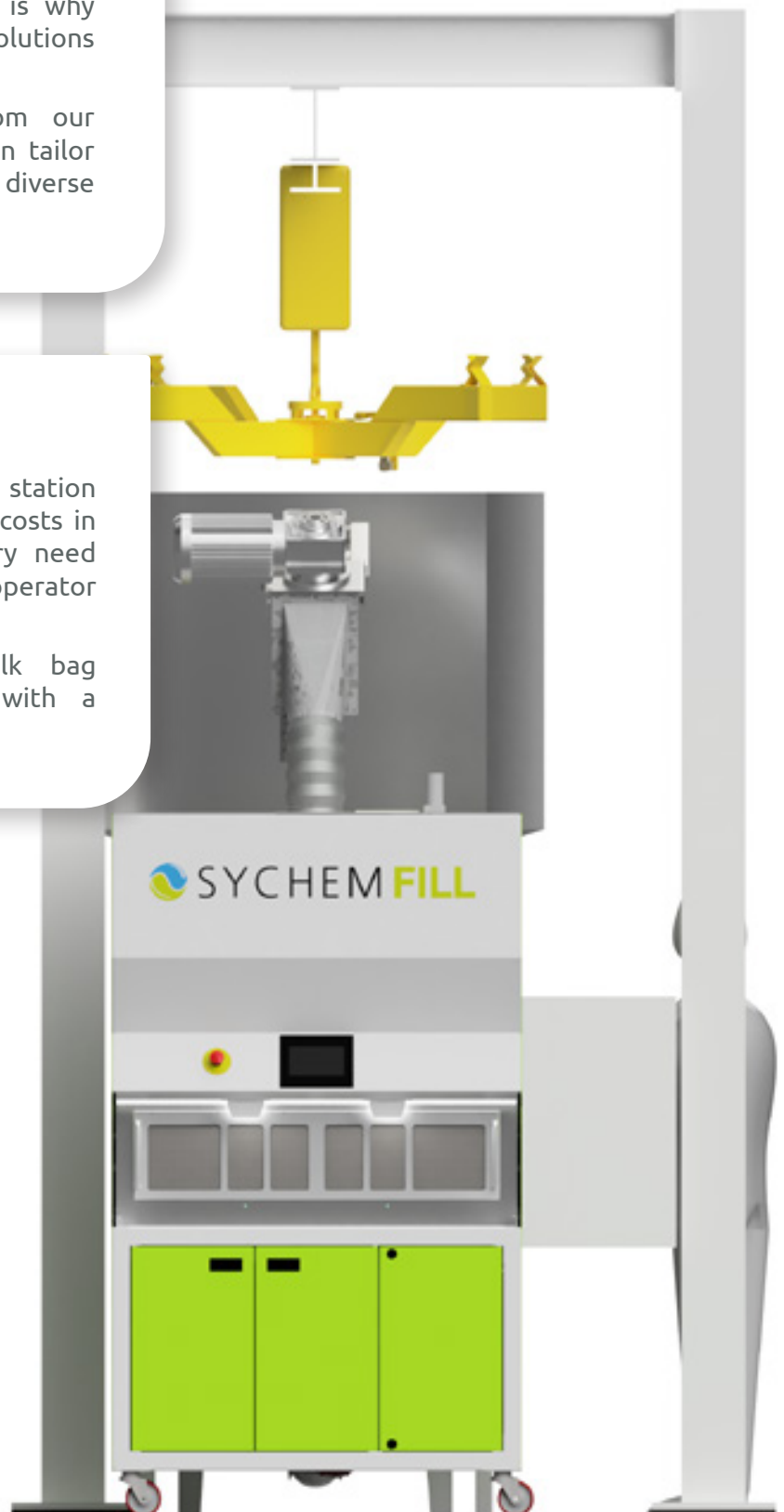
Here at Sychem we understand that every facility is unique which is why we offer fully customisable solutions designed to meet your needs.

With a combined effort from our R&D and Projects team, we can tailor SychemFILL Bespoke to suit the diverse requirements of any facility.

### Client Case Study

The first customisation of the station was developed to help reduce costs in bedding, remove the necessary need to manually lift bags and save operator time.

The station featured a bulk bag discharge system complete with a flexible screw conveyor.



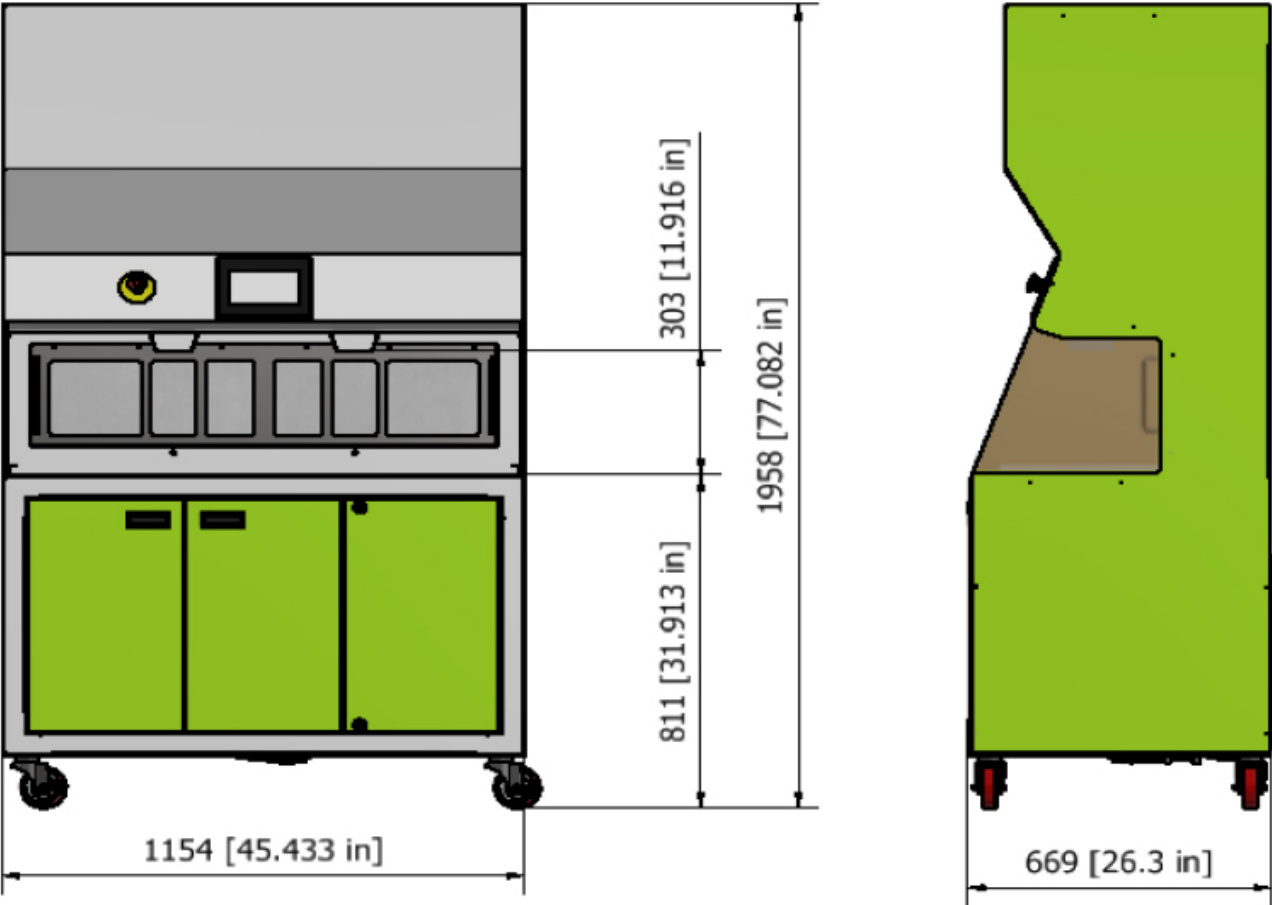
# Technical Information

Dimensions		
Dimension Description	Inches	mm
Width	45.43	1154
Height	77.09	1958
Depth	26.38	670
Largest Cage (Height)	11.42	290

Noise	
Noise	db
Fans only	57
Auger & Fans	65
Auger, Vacuum & Fans	68

Hopper Capacities	Cubic Inch	CC	Litres
Upper Hopper	9764	160000	160
Lower Hopper	4882	80000	80

Weight		
Weight	lbs	kgs
Unpacked Weight	573	260



# SYCHEM AIRFLOW RANGE

Sychem has served the life science sector since 1982, providing a comprehensive range of animal care solutions, services, consumables and animal containment workstations for use in biomedical research facilities.



## SychemFILL

SychemFILL is a clean bedding dispensing system that provides the ideal solution for modernising the cage change process. Featuring unrivalled accuracy in cage filling, regardless of cage size and bedding type, SychemFILL offers a simple and effective filling process that saves time and allows for a higher throughput of cages.

- Industry-leading accuracy
- Intuitive user interface
- Compatible with all free flowing bedding



## SychemCHANGE

SychemCHANGE is a dual access animal transfer station, designed to protect animals from the external cage environment and users from allergens, dander and potential pathogens. The change station utilises Active Airflow Technology to provide a clean working environment.

- Ergonomic excellence
- TRESPA® worksurface
- Red light mode



## SychemWASTE

SychemWASTE is a flexible bedding disposal station, designed to ensure the safe disposal of laboratory animal bedding. This is a mandatory requirement of any animal facility to protect technicians against laboratory animal allergens (LAA'S).

- Unrivalled cleanability
- Three stage filtration
- Double chute option





## SychemSAFETY

SychemSAFETY is a range of dual filter Class 2 cabinets, incorporating the latest in laminator technology, energy-saving designs and HEPA-filtration. The SychemSAFETY cabinet is the ideal choice for your laboratory or research facility whenever operator, environmental and product protection is required.

- Efficient HEPA filters
- Flow sensors
- Customisable solutions



## SychemAIR

SychemAIR is a self contained unit that utilises high efficiency air flow to effectively remove all types of contaminants from individuals before passing into a lower contamination area. SychemAIR features a compact design, a customisable layout, easy maintenance and a flatpack delivery option.

- Particle removal excellence
- Three levels of filtration
- Easy maintenance



## What makes our workstations unique?

All machines in our Airflow range utilise Sychem's Active Airflow Technology to maximise protection for animals and technicians. All of our workstations are manufactured in the UK, and are designed with ergonomic advantages.



Contact us today

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