



THE QUEEN'S AWARDS
FOR ENTERPRISE
INTERNATIONAL TRADE
2022



SychemFILL

BEDDING DISPENSER

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

SychemFILL
Active Airflow Technology
Key Features
SychemFILL XL
Technical Information



Contact us today!

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Why choose SychemFILL?



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

For example, the reduction in manual labour required to fill cages by hand prevents the potential development of musculoskeletal disorders (MSD).

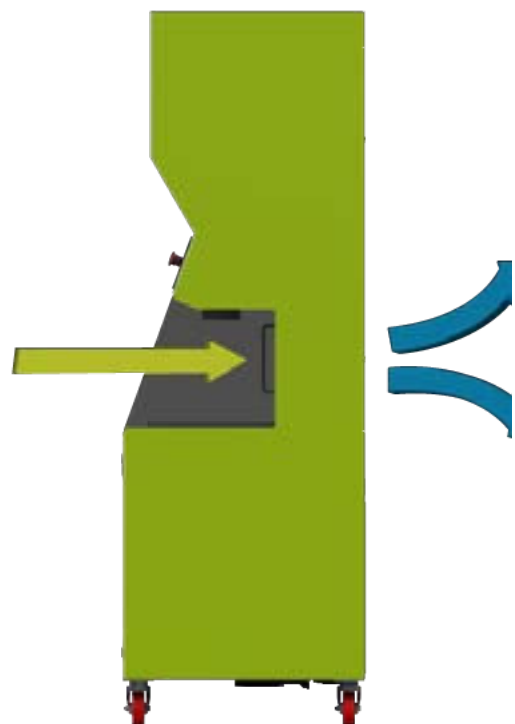
SychemFILL prolongs the life of individually ventilated cage (IVC) lid filters, air handling unit filters and room filtration. Further to this, Sychem's Active Airflow Technology protects your users from exposure to fine particles generated when filling cages.

SychemFILL

- ✔ Active Airflow Technology
- ✔ $\pm 4\%$ Bedding Accuracy
- ✔ Intuitive User Interface

Active Airflow Technology

SychemFILL utilises a dual mechanical & 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.



Sychem's bedding dispenser 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 & efficiently, by dispensing precise volumes of bedding every time.

The system eliminates wastage and reduces operating costs. Furthermore, the accuracy contributes towards reduced variability in any 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 dispense 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

The SychemFILL unit 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 - it really is that easy.



Easy, Ergonomic Loading

The dual mechanical & vacuum system allows for easy and comfortable 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.



Real-time System Monitoring

An integrated level indicator alerts users when bedding is required. In addition, 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 assist further with the facility's management.



Compatible with All Free Flow Bedding

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



Enhance Your Cage Changing Process



The SychemFILL clean bedding dispenser is the ideal solution for enhancing the cage change process within any 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



Highly Energy Efficient

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. Touch the display to wake the machine instantly.

User Safety Systems

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

Standard features of the SychemFILL system 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 XL

Custom-built, automatic bedding filling station

The SychemFILL XL gives users the ability to enjoy the benefits of scale and autonomy with their clean bedding system. The dispenser is filled remotely using large tote bags, providing considerably longer intervals between bag changes.

Key Benefits

- Reduces the bedding costs through the use of larger, more cost-effective tote bags
- No manual lifting of bags is necessary as the system's hoist automates the process for users
- Saves time via the continuous filling of the bedding dispensing system



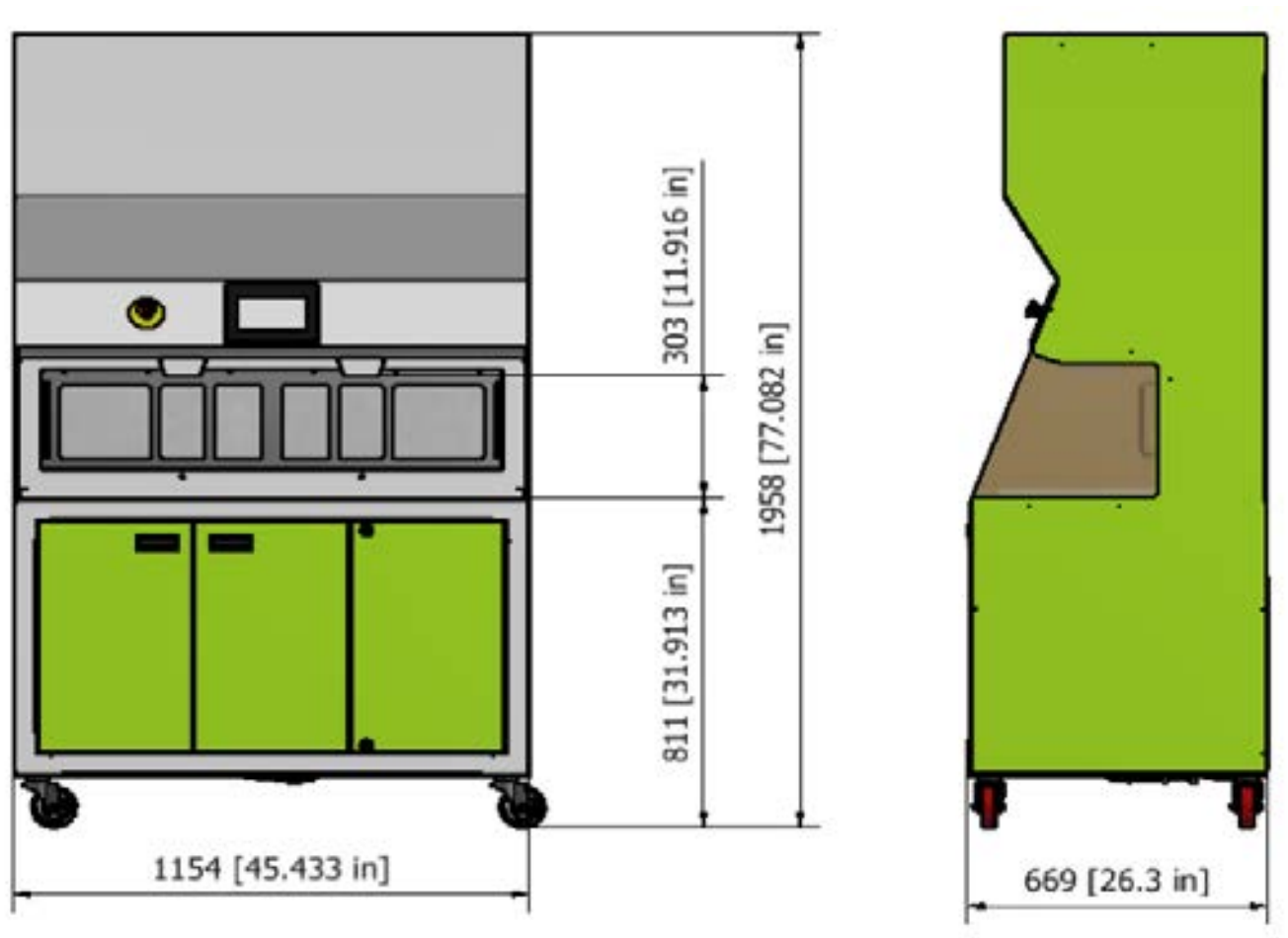
Technical information

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

It is a self contained unit that utilises high efficiency air flow to effectively remove all types of contaminants from every individual, reducing their contamination level 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?

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



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