



SychemFILL

BEDDING DISPENSER

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

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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.

✓ **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.

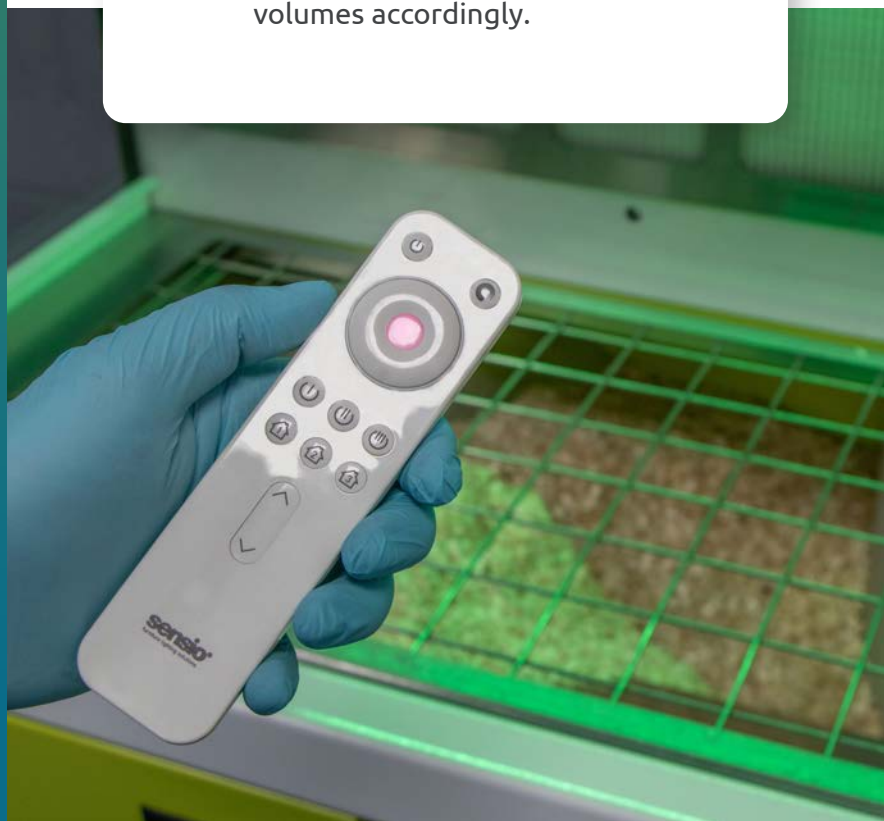
✓ **Class-Leading Accuracy**

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.



Key Features



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.

Airflow Range

SychemFILL is part of our Airflow Range, a collection of five systems that also includes:

[Change Station](#)

[Waste Station](#)

[Safety Cabinet](#)

[Air Shower](#)



User Safety

SychemFILL enhances user safety by reducing exposure to harmful fine particles commonly found in bedding materials.

Key safety features include:

- **Active Airflow Technology:** Dual mechanical and vacuum system eliminates fine particles, protecting users and animals
- **Ergonomic Design:** Easy reloading system prevents strain and injury
Energy Efficiency: Auto sleep mode cuts down electricity consumption, ensuring a safe and eco-friendly operation
- **Reduced Manual Handling:** Minimises physical strain and prevents musculoskeletal disorders associated with manual bedding handling

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



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.



SychemFILL: 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

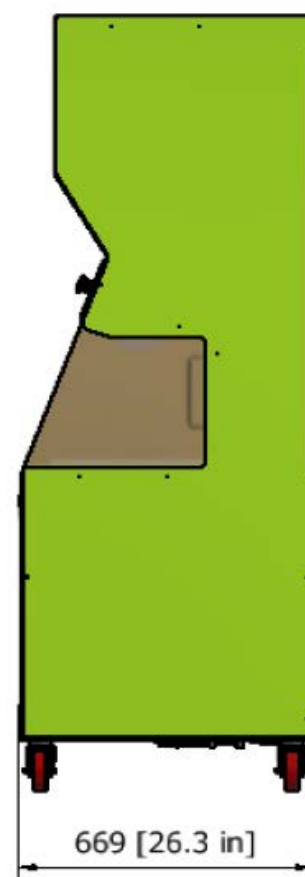
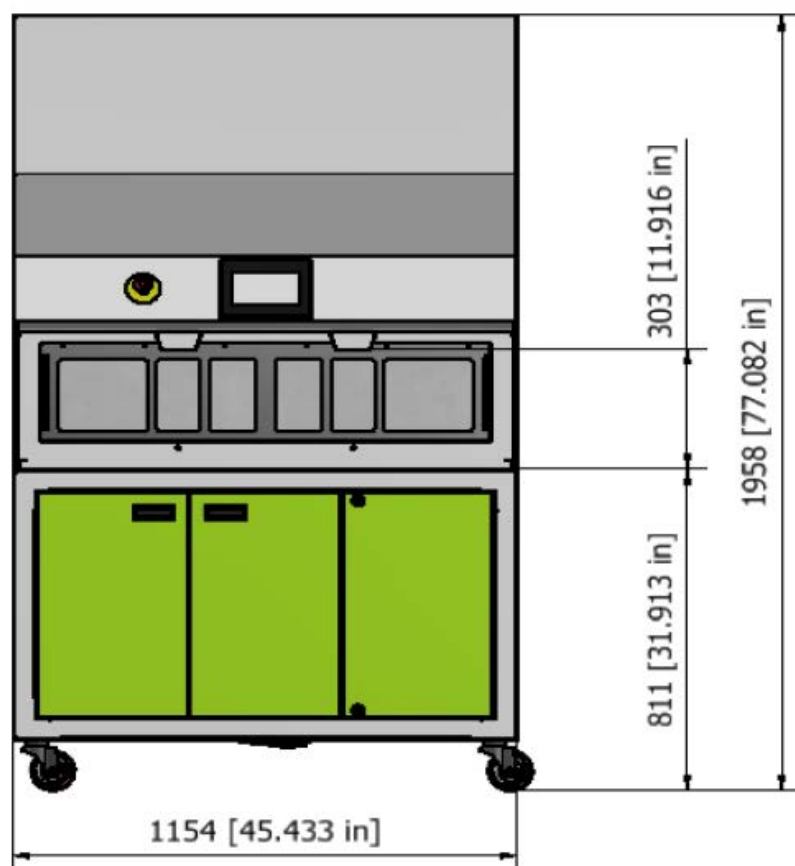
Weight		
Weight	lbs	kgs
Unpacked Weight	573	260

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

SychemFILL offers flexible, customisable options to meet the specific needs of your facility.

Whether it's bedding type, dispensing volume, or a bespoke bulk bag refill system, we provide tailored solutions.

Get in touch today to discuss how SychemFILL can be adapted to streamline your cage filling process.



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.



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.

Get in contact with our team of experts for bespoke solutions.





**Quality you can trust,
solutions you'll love.**

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