

FILLSTATION Free Standing Clean Bedding Dispenser



The Sychem Fill clean bedding dispensing system is the ideal solution for modernising your 'cage recycling' process within your animal 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.

There are 2 ultrasonic dispensing points that work independently or in harmony; this allows bedding to be automatically dispensed into cages bases of all varieties.

The Touch Screen HMI display provides the ability for users to change cage/program names and adjust the dispense volume. It displays live graphics of the top hopper level and alerts users when bedding is required.

A unique dual transfer system will transfer any 'free flowing bedding' to the top quickly and efficiently. See our compatible beddings chart for full technical detail.

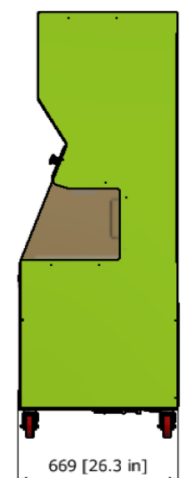
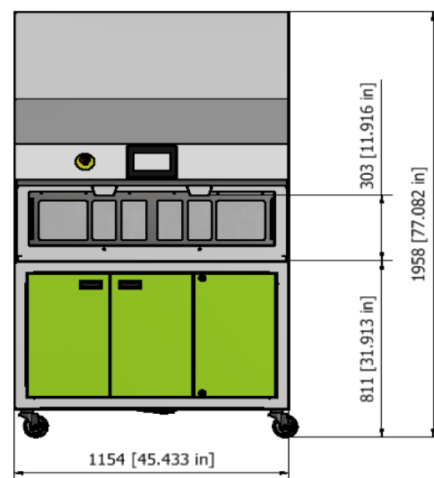
An actively monitored rear dispense zone filter and fans ensure dust is drawn away from the operator during operation – the filter is actively monitored, and the machine will display an alarm according to their condition – when 90+% blocked, the safety system will advise operators to work in safety mode, meaning PPE should be worn according to the departments procedures.

Sychem Fill's unique clean down function allows operators to access the vacuum system within the front of the machine to clean the machine, filters and surrounding area.

Dimensions			
Dimension Description	Inches	mm	
Width	45.43	1154	
Height	77.09	1958	
Depth	26.38	670	
Largest Cage (Height)	11.42	290	
Hopper Capacities	Cubic Inch	CC	Litres
Upper Hopper	9764	160000	160
Lower Hopper	4882	80000	80

Weight		
Unpacked Weight	lbs	kg
	573	260

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



ZOONLAB GmbH
Hermannstraße 6
44579 Castrop-Rauxel
Deutschland

[ZOONLAB]
ANIMAL HUSBANDRY EXPERTS

T: +49 (0) 23 05 - 9 73 04 - 0
F: +49 (0) 23 05 - 9 73 04 - 44
E: info@zoonlab.de
www.zoonlab.de

Design

- Designed and manufactured to the latest European Standards (CE Marked)
- Ice White & Sychem Green painted - stainless steel construction
- Colour changing LED light illuminating work area
- NEW rear dust extraction & Filter with quick & easy filter removal - no tools required
- Ultra-sonic no-touch sensors - providing two independent dispense points with no-touch activation
- NEW Casters with lockable Wheels - enables easy mobility and stable positioning
- State of the art dual technology for fast and effective transportation of bedding product
 - transfers **ALL FREE FLOWING BEDDING!**

System Monitoring

- Bedding Level indicator – alerts users when low on bedding
- Active Filters & Fans – Monitors filters efficiency
- Alarms and Troubleshooting modes

Energy Efficiencies & Servicing

- Only requires an Annual Service
- Quick and easy operator maintenance
- Low cost consumables
- True 'Plug-n-Play' using a single-phase domestic socket (ALL Global plug versions available) –
NO OTHER SERVICES REQUIRED!
- Extremely energy efficient (see consumption info)
- Sleep mode – shuts down the machine after a period of non-use
- Maximizes product use from a bag of bedding - No bedding wastage



Control System

- NEW 7" HMI control for displaying easy to use icons
- Full-colour touch screen
- Users can easily program in their own cage names and adjust dispense volumes
- Animated icons displaying level within the upper hopper, filter monitoring and Filling Progress
- Clean Down Mode selection
- Fine-tune parameters – allows advanced control of the valve system to improve repeatability and dispense accuracy to within +/- 4%
- Flexible program parameters to enable all cage types to be accommodated and recorded
- Cycle counter to monitor productivity and cage throughput efficiencies
- Password protected operator levels

User Safety Systems

- Support shelf/guard – shelf allows users to support the bedding bag whilst loading bottom tank
- Emergency stop
- Safety cut off circuits – if the support shelf is opened at any time the machine will prevent product transfer
- Fan & Filter Sensors – will display a filter efficiency level, so operators know when to perform maintenance or replace
- Safe mode – should the filters block the machine will activate 'Safe Mode' and advise operators to wear PPE.
- Upper tank dust removal system to reduce dust level before dispense (better quality bedding and improved environment within the cage for the animals)
- Easy access Clean down facility with accessories for cleaning areas in & around the dispenser
- Removes repetitive and strain related injuries associated with manual dusting up
- Removes dust exposure to the operator

Welfare Benefits for the Animals



Sychem Fill uses a dual mechanical and vacuum system – the mechanical system agitates the dust whilst the vacuum system remove dust from the bedding, ensuring that when dispensed the bedding inside the cage is considerably less dusty. This substantially improves the environmental conditions for the animal and prolongs IVC filters, Air Handling Filters and Room Filtration.