

DETACH Vacuum System for Bedding Management

Additional Systems and Support

In addition to the innovative solutions that the DETACH System delivers, DETACH also provides you with an extensive offering of complementary products, systems, and services that allow you to take advantage of our integrated approach.

DETACH DYNAJET Cage and Rack Washing System

Designed and manufactured at our UK manufacturing facility, our range of cage and rack washers are designed for high capacity, efficient cleaning, sanitization, and drying of cages, racks, debris pans, feeder bottles, and other miscellaneous items used in the care of laboratory animals.

DETACH Automated TW Cage and Bedding Processing System

Designed and manufactured in Sweden, DETACH provides a Tunnel Washer based automated system for the washing of cages, incl bedding management, used in the care of laboratory animals.

Ymer Automated CW Cage and Bedding Processing System

Designed and manufactured in Sweden, DETACH provides a Cabinet Washer based automated system for the washing of cage bottoms, incl bedding management, used in the care of laboratory animals.

Frej and Freja Bottle Processing Systems

Designed and manufactured in Sweden, DETACH provides a range of bottle processing equipment that is designed for semi automated or automated handling, de-capping, emptying, washing, filling and re-capping of feeder bottles and sipper tubes used in the care of laboratory animals.

DETACH Service

Service and support is a very important part of the DETACH organization. Our personnel have built up strength and expert knowledge that has come from the continuous support of all our systems that are all over the world for over a decade.

DETACH operate excellent planned maintenance contracts covering all areas.



Vacuum systems engineered and designed for reliable and safe handling of bedding.

DETACH 

The Original - since 1996

DETACH AB

Sundbyvägen 24, SE-645 51 Strängnäs, Sweden

Telephone: +46 (0) 152 228 30, Telefax: +46 (0) 152 130 80

Mail: info@detach.com

www.detach.com

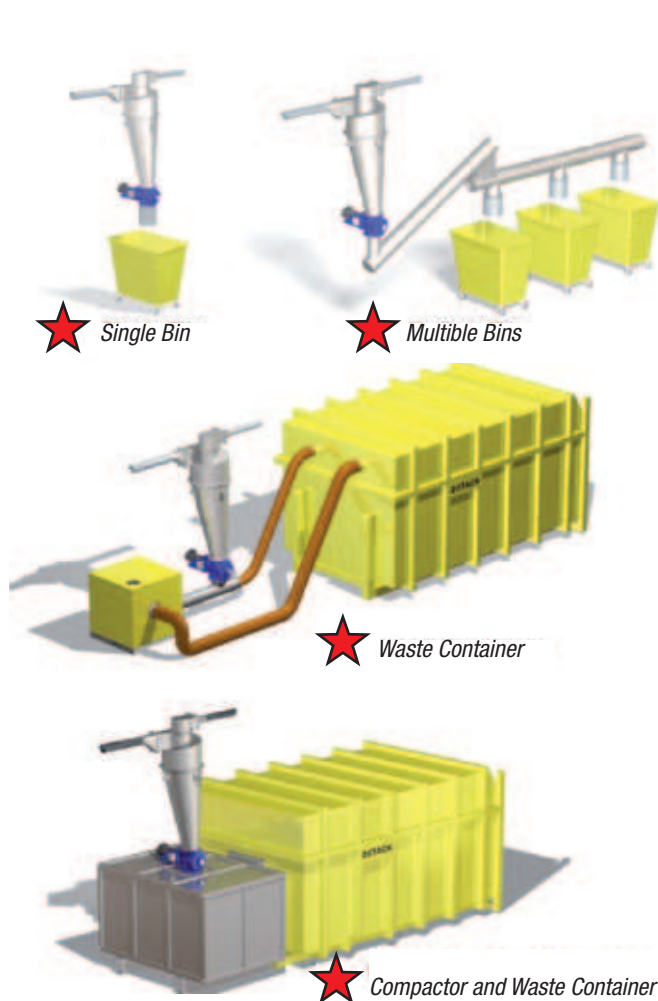
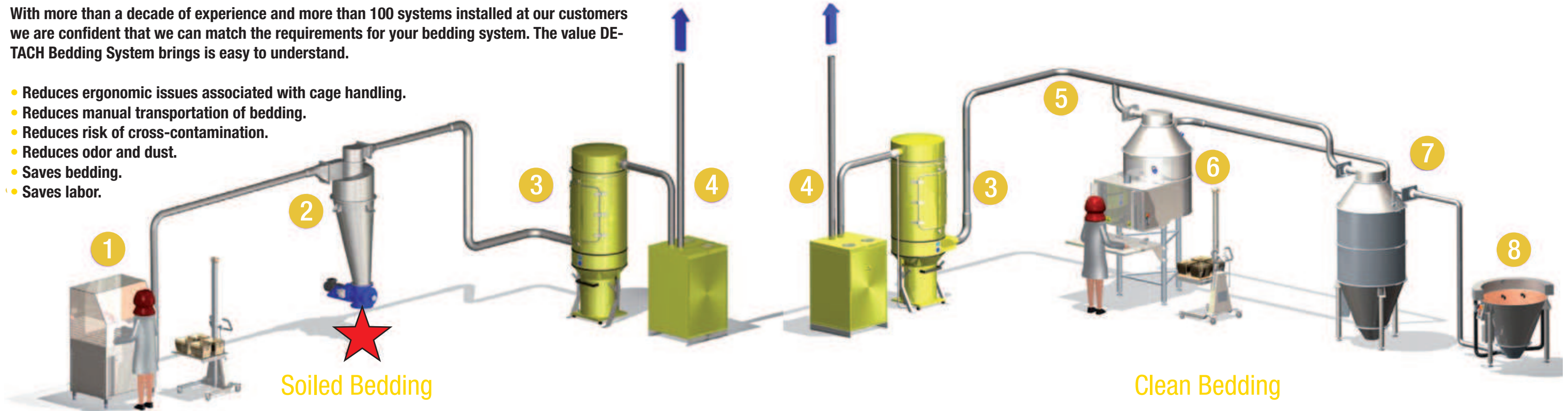
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DETACH Vacuum System for Bedding Management

With more than a decade of experience and more than 100 systems installed at our customers we are confident that we can match the requirements for your bedding system. The value DETACH Bedding System brings is easy to understand.

- Reduces ergonomic issues associated with cage handling.
- Reduces manual transportation of bedding.
- Reduces risk of cross-contamination.
- Reduces odor and dust.
- Saves bedding.
- Saves labor.



1. Dump Station

Dump stations are specified with a rotary valve, shredder or a mill, depending on the nature and mix of soiled bedding. The dump station enters soiled bedding into the transportation line gradually to ensure the correct flow is maintained at all times. The transportation air is used as dust extraction to collect airborne dust and allergens.

An optional hood fitting over the unit directs the air path away from the operator to maximize the reduction of allergen exposure.

The dump station can be washed down with water for proper cleaning. For operator safety interlocked covers protect operators from moving parts. All in stainless steel.

2. Cyclone Separator

Soiled bedding is separated in the cyclone separator and discharged from the vacuum line through a rotary valve.

The bedding can then be discharged in a variety of ways into waste containers to suit the size and operational needs of the facility.

These can vary from a single or multiple wheeled bin arrangement to larger containers filled by compactor or by a secondary fan to ensure maximum filled capacity.



3. Dust Collector

Dust arising during operation is separated in a dust collector. Dust is collected in an integral bin.

4. Vacuum Units

Vacuum units are used for transportation on both the soiled and clean sides of the system. There is always a separate unit for each side to prevent risk of cross contamination.

Vacuum Units are matched to the unique pipe design of each system to give each single system optional performance. Vacuum units are placed in sound absorbing boxes and can have HEPA and charcoal filters.

5. Vacuum Piping

Vacuum piping is all in stainless steel. Pipes are connected together with clamp couplings.

The pipe route and profile is always designed to give each system the very best performance. Dimensions depend on specific designs for each given system.

6. Bedding Dispenser

The dispenser delivers clean bedding using an auger that is controlled by



both speed (frequency controlled) and time. This gives exceptionally accurate and repeatable volumes on each of the 5 presets that are easy for the operator to adjust. Efficient dust extraction is located close to each outlet. The integral bedding store above is filled automatically on demand. All in stainless steel.

7. Bedding Storage Container

The bedding storage container can be used in a system for intermediate storage of bedding. This is recommended to be used where bedding is arrives in regular size bags. All in stainless steel.

8. Loading Funnel

Loading funnels can be used for regular sized bags or for big bags. Big bags do not require any intermediate storage as the big bag holds high volumes of bedding. Multiple loading funnels are often used where further storage is required. The loading funnel comes with integrated dust extraction. All in stainless steel.

