

DETACH Indexing Tunnel Washing System

Additional Systems and Support

In addition to the innovative solutions that the DETACH ITW 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 & 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 Cage TW and Bedding Processing System

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

Ymer Automated Cage CW 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 Vacuum System for Bedding Management

Designed and manufactured in Sweden, DETACH provides a range of bedding management equipment that is designed for manual or automated handling of soiled and clean bedding 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.



Tunnel washing with high levels of efficiency, flexibility and effectiveness, for either manual or automated cage handling.

DETACH 

The Original - since 1996

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DETACH Indexing Tunnel Washing System



DETACH ITW for Effective Washing and Drying

DETACH is proud to present the DETACH Indexing Tunnel Washing System, an important member of our integrated line of products and services designed to meet the specialized requirements of the life science industry.

Like all of our products, DETACH Washer is built to provide unparalleled performance – minimizing the risk of contamination, protecting the safety of workers and integrity of research, and satisfying the specific economic requirements of the life science industry.

Automated, Programmable, Secure from Contamination

DETACH Indexing Tunnel Washing System is composed of multiple washing and drying stages, each of which is a

self-contained zone positioned along an indexing conveyor. The cage is placed on the belt either by hand or by the DETACH Automated Cage Handling System. Then, the cage moves through a customized series of pre-rinse, wash, rinse and drying zones. At each zone, doors automatically close, isolating the cage and minimizing the risk of cross-contamination. Once the zone is secure, high-pressure water and a mechanical hold-down device combine to provide far stronger cleaning efficacy than can be achieved by conventional washing systems.

Maximum Flexibility for Optimal Productivity

Productivity is based on a number of variables unique to your facility, which is why the DETACH System is customized for each installation.

Variables that can be tailored to maximize productivity and the system's efficacy includes:

- The number of individual zones.
- The ability to integrate the System with the DETACH Automated Animal Cage and Bedding Processing System.
- The width of the main belt. 719 mm or 1050 mm.
- Conveyor belt indexing times.



DETACH washer's innovative water system saves on steam, water and detergent.

Designed for Operational Cost-Effectiveness

Controlling costs is of paramount importance for your facility's success. The DETACH System features a variety of cost-efficient innovations:

- Independence from hot-water input.
- Heat recovery water system, which results in: An 80% reduction of steam usage and a 76% reduction of water and detergent usage (compared with traditional continuous belt washers).
- Tanks and panels fully insulated and double skinned.
- Low-maintenance design and service requirements.

State-of-the-Art Washing and Drying Efficiency

- Mechanical hold-down allows high-pressure pre-rinse.
- High-pressure, high-temperature washing zone for guaranteed cleaning effectiveness.
- Two innovative drying modes to ensure efficient drying: Air-Knife™ compressed air with mechanical hold-down followed by forced heated convection air.

Safety Above All

The first priority of every DETACH product is safety. DETACH Washers are no exception to this guiding principle, and it features several elements to assure operator safety:

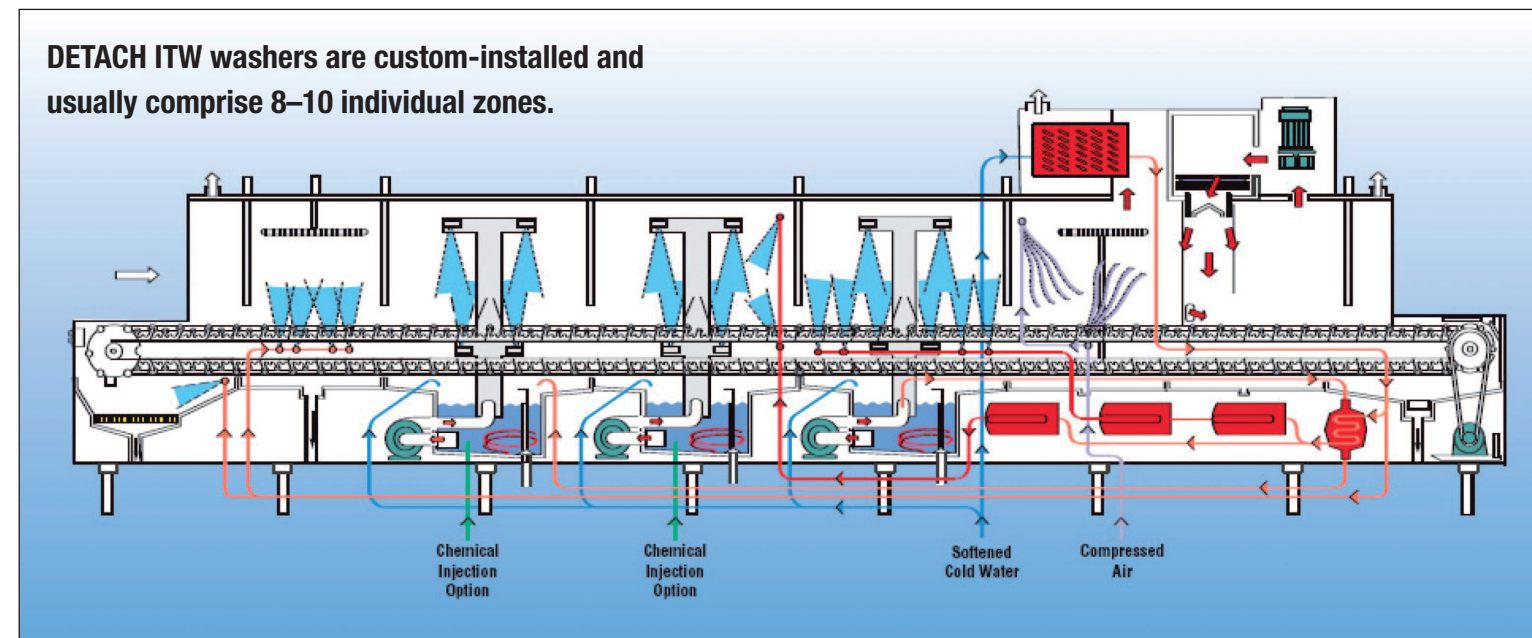
- Minimal radiant heat.
- Alarms for any cycle deviations or emergency conditions.
- Emergency stops at both ends of the tunnel.
- Automatic system shutdown if any doors are open.
- Recirculating tanks with automatic level controls.
- Safety overflow piping.



The recirculation convection air dryer ensures efficient drying.



Service doors offer clear access to all components for easy maintenance.



Built for Ease of Use and Maintenance

Your productivity depends upon the reliability of your washing and drying system. The DETACH ITW System maximizes uptime through a series of design, operational and service innovations, including:

- Highly visible control panel.
- Easy manual operation, with 1-meter and 1.25-meter load and unload configurations.
- Built-in service diagnostic program.
- No-tool routine maintenance, featuring easy-lift drain valves and easy-removal residual debris trays.
- Easy access to all components for service.