



Cage Washing



Bedding Handling



Automation

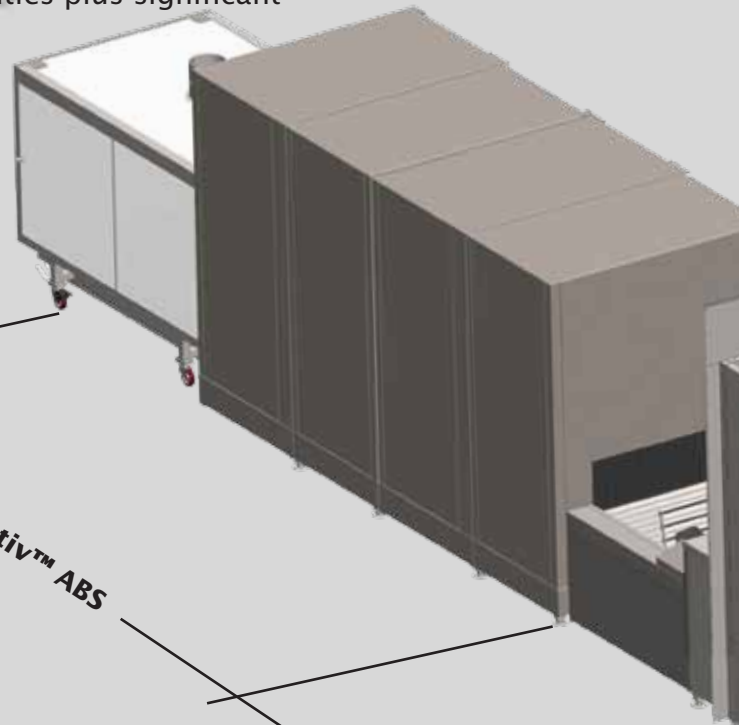
ActivTM IAS

INTEGRATED AUTOMATED
SOLUTION

www.nsc-betterbuilt.com



Activ[™] Integrated Automated Solution (IAS) provides consistency and flexibility for maximum processing of soiled and clean rodent cages used in laboratory animal research facilities. This non-Robotic system offers allergen exposure protection to operators, space saving modular design and is fully integrated with a BetterBuilt[®] tunnel washer. Activ[™] IAS optimum throughput capabilities plus significant decrease in energy consumption exceeds other cage automation systems.



Consistency

Activ[™] IAS is designed to process rodent cage bottoms when fully integrated with a BetterBuilt[®] tunnel washer. Sure-Flo[™] or Sure-VAC[™] bedding handling systems dispose of soiled bedding effectively and deliver clean bedding accurately. Consistency and reliability of performance are achieved through proven pneumatics and mechanical process control design. Optional reject stations allow for continuous operation, thus ensuring maximum uptime.

Versatility

Activ[™] IAS is capable of processing rodent cages from all manufactures in the laboratory animal research industry. The flexible and modular design also allows cage filter tops, wire lids, bottle baskets and other miscellaneous items to be processed. Activ[™] IAS system can also be operated in manual mode if required.

Safe Operation

The mechanical design of Activ[™] IAS means safety barrier walls are no longer required. Operators are able to perform duties as required along-side a fully functioning system in complete safety. The revolutionary continuous operation process featuring optional reject stations allow safe manual interaction with the system; there is no need to shut down the cage processing operation if an error occurs. Allergen exposure to operators is reduced through dust collection systems.

Activ[™] IAS

BetterBuilt[®] Tunnel Washer

Less Energy, Less Space

Activ™ IAS features low utility consumption when compared with other automation systems. Activ™ IAS uses less electricity, while the BetterBuilt® tunnel washers consume less steam and less cold water during operation. The footprint of a complete integrated system is less than other automation systems. Activ™ IAS has the smallest footprint of any automation solution.

Integration

Knowing that a single supplier is responsible for the fully integrated design provides peace of mind. The complete product offering includes BetterBuilt® cage washing equipment, Sure-Flo™ or Sure-VAC™ bedding handling systems, and Activ™ automation solutions including transport carts. All equipment and systems connect, communicate, and interact seamlessly together.

Productivity

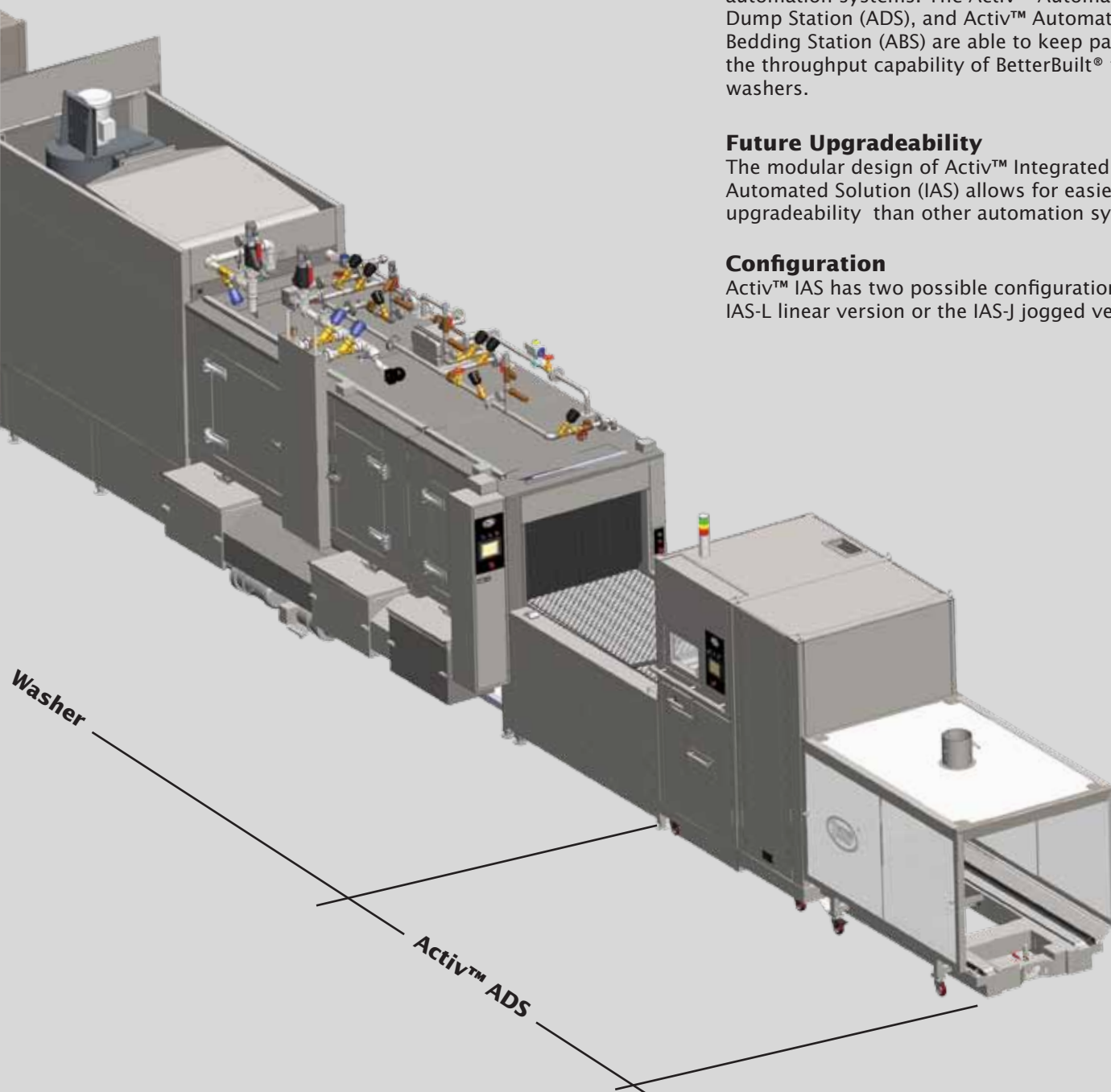
Throughput capabilities are higher than other automation systems. The Activ™ Automated Dump Station (ADS), and Activ™ Automated Bedding Station (ABS) are able to keep pace with the throughput capability of BetterBuilt® tunnel washers.

Future Upgradeability

The modular design of Activ™ Integrated Automated Solution (IAS) allows for easier future upgradeability than other automation systems.

Configuration

Activ™ IAS has two possible configurations, the IAS-L linear version or the IAS-J jogged version.





APPLICATION

Activ™ Integrated Automated Solution (IAS) is based upon a simple yet-effective design of process automation using fixed controlled movements through pneumatics and drives. Combined with a BetterBuilt® tunnel washer and Sure-Flo™ or Sure-VAC™ bedding handling systems the fully integrated Activ™ IAS system is capable of processing rodent cage bottoms, tops, and wire screens as well as water bottles, pans, enrichment toys and other miscellaneous items in general purpose baskets as required.

STANDARD FEATURES

- Four (4) Station Load Queue Conveyor
- Activ™ Automated Dump Station (ADS)
- Soiled Downdraft Dust Collection
- Activ™ Automated Flipping System (AFS)
- Outfeed Accumulation Conveyor
- Chute Bedding Dispenser
- Four (4) Station Unload Queue Conveyor
- Activ™ Fresh Integration
- BetterBuilt® T236 Tunnel Washer
- Scan Station
- Lift Station

OPTIONAL FEATURES

- Transport Carts and Trolleys
- Cart ID Sensor
- Manual Load Conveyor
- Activ™ Soiled Diverter Station (SDS)
- 12" Soiled Side Central Touchscreen
- Manual Unload Conveyor
- Activ™ Clean Diverter Station (CDS)
- 12" Clean Side Central Touchscreen
- Clean Dust Collection System
- Extended Length Load Queue Conveyor
- Extended Length Unload Queue Conveyor
- Dual Level Stacker
- Dual Level Re-stacker
- Soiled Side Reject Station
- Clean Side Reject Station

RELATED EQUIPMENT

- Activ™ View Data Collection & Control System
- BetterBuilt® D200 Series Bedding Dispenser
- BetterBuilt® C200 Series Bedding Dispenser
- BetterBuilt® H200 Series Hammermill Bedding Disposal
- Sure-Flo™ S200 Soiled Bedding Removal System
- Sure-Flo™ S210 Clean Bedding Delivery System
- Sure-VAC™ S260 Soiled Bedding Removal System
- Sure-VAC™ S270 Clean Bedding Delivery System

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