

Nilfisk Liberty SC50

FREEDOM
TO DO BETTER



Welcome to the era of intelligent floorcare

With a century's knowledge behind its development, and today's most advanced robotics technology powering its capabilities, the autonomous Nilfisk Liberty SC50 represents our commitment to delivering the world's most intelligent cleaning solutions.

By successfully integrating an array of 3D, 2D, infrared, and depth sensors within a high-performance scrubber-dryer, Nilfisk has elevated floorcare to new standards of both effectiveness and efficiency.

Safety-certified, fully autonomous, and designed for consistent results with minimal oversight, the Nilfisk Liberty SC50 allows operators to focus on tasks that benefit the most from valuable human effort, and provides the means for unmatched productivity in any cleaning operation.

Because safety is a prime objective when working with autonomous solutions, the Nilfisk Liberty SC50 is engineered to ensure smooth synergy within its operating environment.

- Adjusts in real-time to route changes and obstacles – including people
- User-access configuration prevents unauthorized intervention
- Leaves floors spotless and dry to reduce high-traffic slip risks.







The newest member of your high-performance team

The Nilfisk Liberty SC50 gives you programmable floorcare that adapts to your needs. Three distinct cleaning modes give you the power to optimize productivity, and as the world's only 3rd-party certified autonomous cleaning solution, it's ideal for operation in a variety of populated environments.



CopyCat™ mode replicates a designated cleaning path with exact precision, allowing you to dictate where and how you want the Nilfisk Liberty SC50 to clean.



Fill-in mode lets you implement autonomous cleaning the fastest way possible – no pre-mapping or programming required. Just trace a room's perimeter, and interior space will be cleaned without any further assistance.



Manual mode gives you complete control over movement and cleaning, allowing use as a normal scrubber dryer for ad hoc tasks.



Let your people
focus on
what matters

Contract Cleaning

In an industry where targets are more stringent than ever, the Nilfisk Liberty SC50 delivers intelligent consistency and reliable results every time. You can expect the same performance standard from one job to the next, making the Nilfisk Liberty SC50 an excellent solution for environments where floorcare requires a focus on both hygiene and presentation.

Custom user profiles allow you to provide different operators with different levels of access to the solution's functionality. Individualized usage data, analyzed by TrackClean™, provides you with full operational oversight, so you always know exactly when, where, and how the cleaning was performed.



Education

Why delegate valuable human resources to large areas when an autonomous machine can handle the job just as easily? The Nilfisk Liberty SC50's Fill-In mode is ideal for high-volume cleaning, with a single water tank allowing for up to 2.5 hours of cleaning, and a single charged battery providing up to 5.5 hours of runtime.

Your operator will be notified when the job is done, so they can devote their attention to the details that make all the difference.

Light industry

A high cleanliness standard is critical when parts, people, and vehicles are on the move, and cleaning must often be conducted as quickly as possible within a specific timeframe. The Nilfisk Liberty SC50 can clean in hazardous production areas without requiring operational shutdown, and its sensor array allows it to operate in low-light conditions with equal effectiveness.

The result? Consistent cleanliness, efficiency, and productivity – from one production cycle to the next.

See, analyze, and improve your operation with TrackClean™

Nilfisk Liberty SC50 operates in tandem with the included TrackClean™ fleet-management system, which gives you 24/7 access to operational data and provides oversight of cleaning activity at a given location. This allows you to monitor, verify, and improve the operational effectiveness of your entire cleaning operation, and helps guarantee that your cleanliness standard is maintained and enforced.



TrackClean™

The benefits of TrackClean™ include:

- Recording of all fleet-operation data, which ensures transparency and increases profitability
- 24/7 access to all data to help reduce downtime and maximize the value of machine deployment
- Intelligent optimization of cleaning schedule for reduced costs
- Intuitive web-portal access from PC, tablet, or smartphone – with detailed overview on all platforms