

Quick Start Guide:

Area Fill



This guide is designed to provide quick operating instructions for utilizing Area Fill, a route teaching feature for your robotic floor scrubber that allows you to train routes simply by driving the perimeter of an open floor space you'd like the machine to clean autonomously

1 HOME MARKERS

- These markers tell the robot scrubber where the cleaning routes start and finish.
- Secure Home Markers to permanent fixtures, like pillars and walls
- For safety reasons, do not place Home Markers by doorways and exits.
- For Area Fill routes, Home Markers will need to be located along the perimeter of the space.

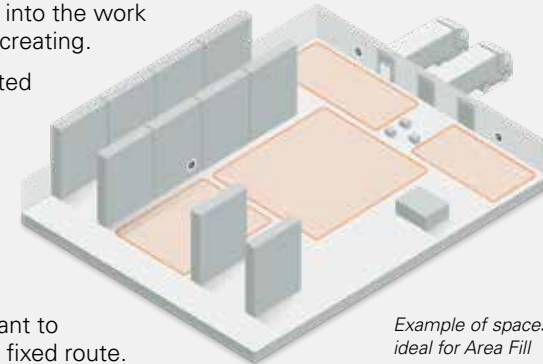


- Divide your site into segments.
- Identify zones with large, open spaces where the more efficient Area Fill teaching method can be used.
- Consider the unique cleaning and operational requirements for each zone for developing cleaning plans and schedules.

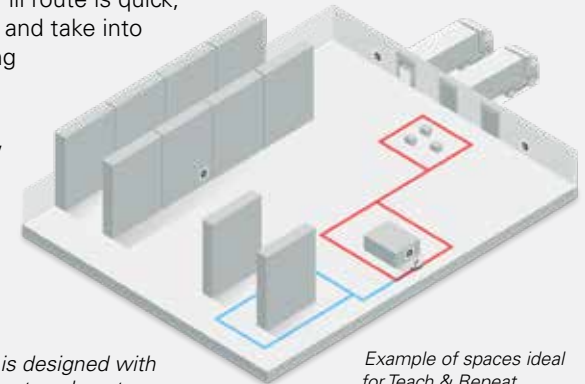
2 TEACH ROUTE(S)

PREPARE TO TEACH

- Plan the full perimeter of the cleaning route before you teach the robot.
- Think of how each route will fit into the work flow of that section of the site creating.
- Remember Area Fill is best suited for large open spaces. Fixed objects are not an issue, but they should not account for a large portion of the area to be cleaned.
- If the area is dynamic and changing regularly due to foot traffic or fork lifts, you might want to consider re-mapping daily vs. a fixed route. Because teaching an Area Fill route is quick, this can be done every day and take into account the current cleaning environment.
- For all other spaces, the standard "Teach & Repeat" methodology should be used.



Example of spaces ideal for Area Fill



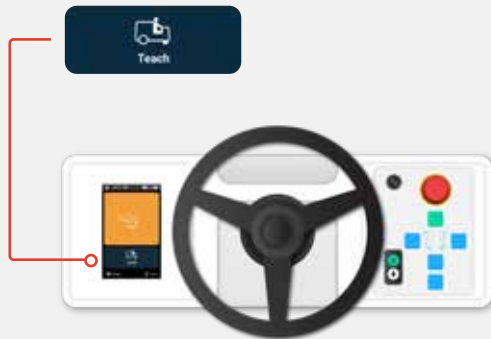
Example of spaces ideal for Teach & Repeat

Safety is always the priority. Your machine is designed with a safety bubble that prevents it from getting too close to any obstacles. This also means that your machine will require a bit more space to operate autonomously than it might need for an operator to clean manually.

Please refer to the Operation Manual in your Deployment Packet for a complete list of the safety requirements involved in both manual and autonomous use of your machine.

PREPARE TO TEACH ROUTE(S) CONTINUED

- Enter machine PIN code 1337.
- Select “Teach” to scan the marker on your right.
- Make sure that you are scrubbing the area (not in transport mode)
- Select an open route slot and then select “Area Fill.”
- Start cleaning the perimeter of the space.
- Once the perimeter has been covered, arrive at the starting Home Marker and select “Done.”
- The route will be processed, and show on the UI screen as a preview.
- If you see obstacles and/or would like to retrain, you can do so at this point. If satisfied, name the route by selecting “Add label.” Use the keypad to name the route and when finished select “Save.”



3 RUN ROUTE(S)

COMPLETE ROUTE PREP STEPS:

1. Wipe sensors with a dry microfiber cloth.
2. Clear the route of debris and if possible, temporary obstacles.
3. Check the pad drivers/brushes, squeegee(s) and ensure a full clean water solution tank.
4. Position the robot scrubber to the left of a Home Marker.
5. Pair a phone or digital device so your machine will text you with any updates, by going to “Settings” then “Notifications.”



START CLEANING A PRE-SET ROUTE

- Select “Clean” to scan the Home Marker.
- Select the route(s) for the robot scrubber to clean.
- Press the “Start/Pause” button on the back of the machine to send it on its route.
- Work on other tasks as the machine cleans.



DAILY USE

**Prepare the
machine &
space**

**Run stored or
daily cleaning
routes**

**Perform daily
machine
maintenance**

