



**MACHINE STATUS**

Usage: High  
Next Service in: 210 days  
Battery Health: OK

# INTELLITRAIL 2.0

NEXT GENERATION INTERNET-OF-THINGS  
FLEET MANAGEMENT



# WHAT HAPPENED PREVIOUSLY?

## IntelliTrail 1.0

IntelliTrail is available for all swingo machines and provides core features for all major TASKI assets. All IntelliTrail 1.0 features are also available for the ULTIMAXX machines.

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### GEO-POSITIONING

Live position of each machine



### OUT-OF-GEOFENCE

Receive alerts when machine leaves the site



### USAGE OVERVIEW

Learn when and how long machines are used



### TIME PLAN

Schedule your machine usage precisely



### ANALYTICS

Improvement suggestions to generate savings



### MACHINES

Activity-based service scheduling



### BATTERY MONITORING

Alert when battery is critically low



### CRASH RECORDING

Receive alerts when machine recognizes a collision



### ACTIVE MESSAGING

Customizable email alert system to always stay up to date



### API

Connect intellitrail to your asset management system



### PREVENTATIVE MAINTENANCE

15000 Machines live globally



### EASY START

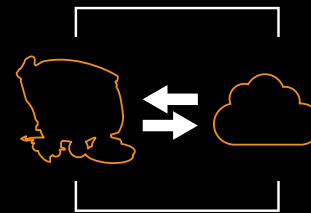
Simple start-up and user-friendly

# INTELLITRAIL 2.0

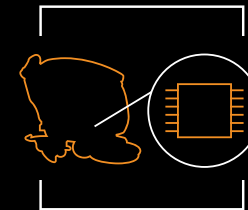
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IntelliTrail 2.0 is a technological leap for fleet management, machine insight, remote service, and software updates.

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Two-way data transfer from all machine components to the cloud based digital ecosystem.



The new device has a deeper integration into the machine and receives information from all key components.

This data stream ultimately leads to lower cost, more control and higher performance.

# INTELLITRAIL 2.0

## KEY FEATURES



### Service Hub

Keep an overview of your service needs, open requests and service spent.



### IntelliPredict

24/7 component-level overview and diagnostics.



### Service offerings

New, attractive and lower cost service offerings, all including IntelliTrail 2.0 connectivity.



### Battery monitoring

Receive information about remaining lifetime, battery misuse & incorrect charging.



### Over-the-air updates

Receive OTA-Machine firmware updates and improvements without a technician visit.



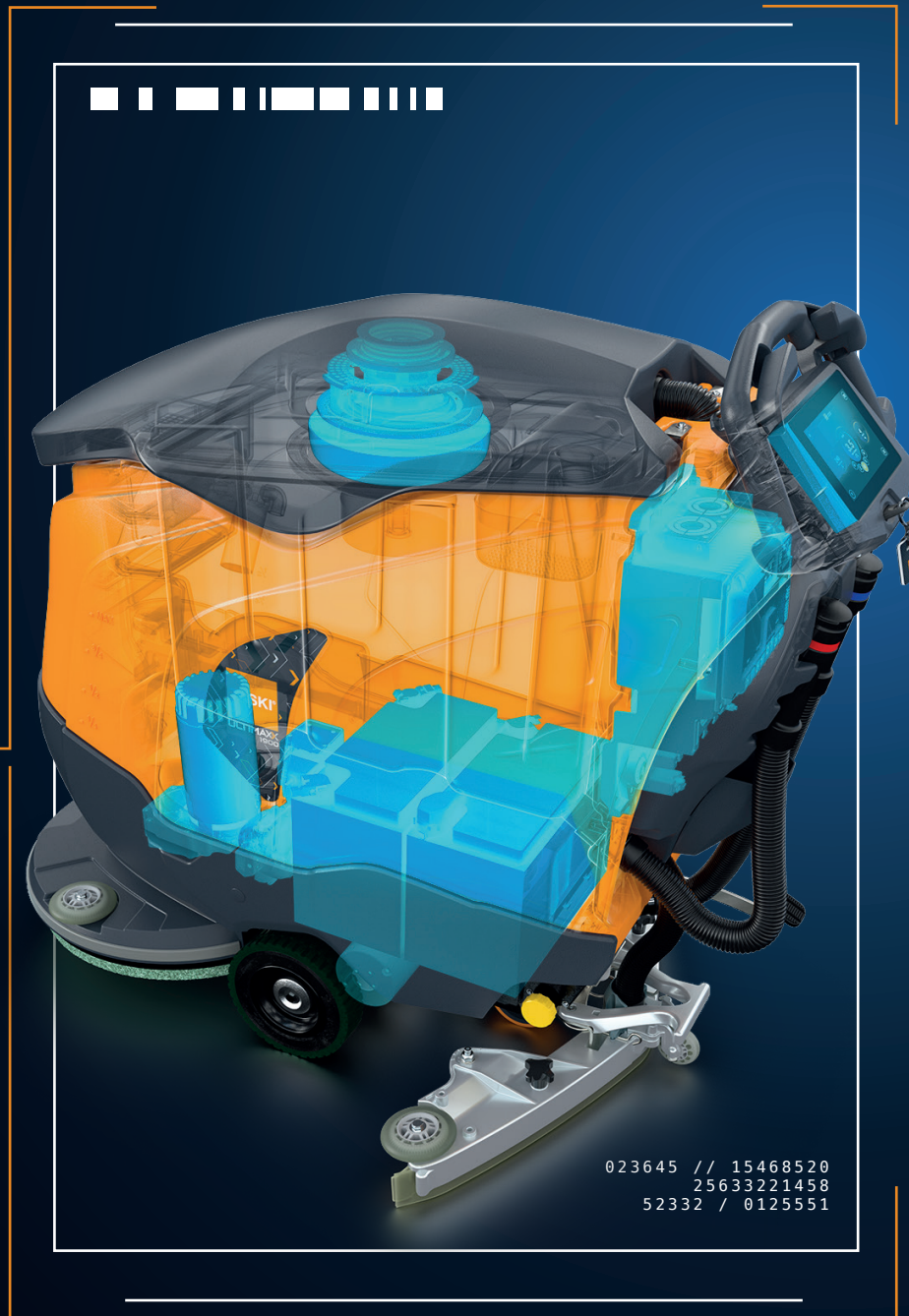
### Total Cost of Ownership

Receive a TCO overview of your active machine spent, split between labour, investment, service and more.



### Sustainability

Receive live in-use sustainability assessments and savings suggestions to improve your sustainability score.





# BATTERY MONITORING

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## The Problem

Gel Batteries can break if their charging sessions are interrupted mid-charge. This can happen if a machine is needed for a spot clean or if the users of the machines are not aware that this damages it.

## The Solution

The **Battery Care Indicator** of IntelliTrail monitors all charging sessions and categorizes them in complete and incomplete cycles.

## The Trigger

If a battery isn't charged properly, it results in a low score, giving immediate insight that that the battery will not last as long as expected if that behaviour continues.

Site managers and users can view these scores in the system or receive email alerts, changing their behaviour accordingly.

## The Savings

Up to 40% savings if batteries are cared for correctly.

# TASKI INTELLIPOWER LI-ION BATTERY ADVANTAGES



**30%**

Reduction in total cost of machine & battery



**Just Charge**

Stop worrying when and how to charge



**40% More**

Battery autonomy



**Faster**

Charging



**Longer**

Battery Life



# TASKI INTELLIPREDICT

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- ✓ Fueled by data from IntelliTrail 2.0 Remote
- ✓ TASKI IntelliPredict allows 24/7 monitoring of all key components, like the vacuum or brush motor.
- ✓ It gives an early warning if parts are about to fail or need replacement.
- ✓ Reducing abrupt breakdowns and overall machine downtime.
- ✓ IntelliPredict is part of all service offerings.

## MACHINE INFO

**Model:** Ultimaxx 1900

**Location:** University Campus

**Deck Type:** Single Disc 43cm

## Overall Health:

Vacuum Motor:

Brush Motor:

Water Pump:

Chemical Pump:

Traction Drive:

Electric Brush Lift:

Magnetic Water Valve:



## Total Machine Hours:

**980**

**78%**

**OPTIMAL LEVELS**



# SUSTAINABILITY REPORTING

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## > Learn your impact

Did you know that the majority (51%) of the sustainability impact of the ULTIMAXX machine stems from the machine usage and its various consumptions like; water, energy, chemicals and other consumables?

IntelliTrail 2.0 gives you an overview of your key CO<sub>2</sub> drivers. Learn how much water, energy and chemicals your machine consumes per shift or per year.

### Water Saved (Litres)



Market Average: 4421

> You Currently: **2100**

Potential: 1200

### Chemical Saved (Canisters)



Market Average: 343

> You Currently: **122**

Potential: 96

### Energy Saved (KWh)



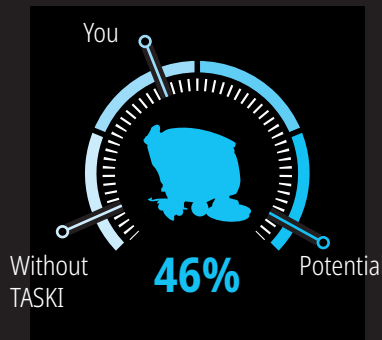
Market Average: 23200

> You Currently: **19001**

Potential: 13883

## > Improve your impact

Furthermore, it gives you guidance on how to improve your sustainability score by reducing your water and energy consumptions. It can be as easy as reducing the water setting by 1 on the machine!



### Water

Current Use: **1200L**

Potential Savings:

**With IntelliFlow = 900L**

**Low setting with IntelliFlow = 1200L**

- > 90 ml/m<sup>2</sup> Gravity Fed - High Settings
- 60 ml/m<sup>2</sup> Gravity Fed - Low Settings
- 40 ml/m<sup>2</sup> IntelliFlow - High Settings
- 22 ml/m<sup>2</sup> IntelliFlow - Low Settings



### Chemical

Current Use: **123L**

Potential Savings:

**With IntelliDose = 75 x 5L**

**Low setting with IntelliDose = 96 x 5L**

- Gravity Fed - Manual Dosing
- Smart Pump - Manual Dosing
- IntelliFlow - IntelliDose (High Settings)
- IntelliFlow - IntelliDose (Low Settings)

## > How it works

Each machines reports its consumptions on a daily basis and is compared vs. other similar machines with IntelliTrail. It is benchmarked and improvements along the efficiency scales are made.

Download a report on individual machines or your entire fleet to learn your potential water, chemical or CO<sub>2</sub> savings and track them as you improve.

# INTELLITRAIL 2.0



INTELLITRAIL 2.0 IS AVAILABLE ON THE  
NEW ULTIMAXX MACHINE RANGE

TASKI - The ULTIMATE Cleaning Machines  
TASKI.com

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