



**Metso Metrics**  
Waste Recycling



## Metso Metrics for Waste Recycling

Metso Waste Recycling now offers a new digital solution to help further optimize your M&J shredder equipment operations. Through remote data monitoring, Metso Metrics gives you access to critical insights on your fleet's performance and maintenance needs, with optional access to expertise to help you analyze the data.

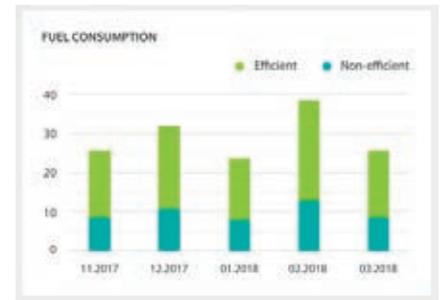
### The challenge: Having access to the right information

Your waste shredder equipment is often a key asset that keeps your business running smoothly and efficiently. From time to time a shredder can come up with an alarm, and it can be very difficult to detect and react on a given alarm. Without having the right information at the right time to make important operational or maintenance decisions, extended downtime can set in and production rates can suffer, challenging your bottom line.

### The solution: Metso Metrics

Every shredded ton of waste counts at the end of the day. And making the most out of your operations depends on data you can trust. Through a remote communication device mounted on your equipment, Metso Metrics brings you key operational and maintenance data – from utilization rates, to production levels and fuel or power consumption. With secured access on a PC, tablet or smart phone, this solution allows for data driven decisions that impact your operations.

How our solution comes to life:



### Core benefits

#### Manage your fleet anytime, anywhere

Metso Metrics gives you secure remote monitoring access to all your machines, wherever you are in the world. It gives you a quick and easy overview of the performance and condition of all your connected shredders, in one place. This makes managing your fleet easier, and helps you optimize maintenance schedules and fleet utilization.

#### The information you need instantly

Metso Metrics gives you easy-to-understand, real-time information about critical factors including shredder condition, performance and utilization rates. The intuitive Health Index gives you the current overall status of the shredder. This enables you to act in time and optimize your preventive maintenance, reduce costly downtime and breakdowns.

#### Minimize idle time and increase productivity

With Metso Metrics you get a quick and simple overview of your shredder's actual utilization over time, including working time, idle time and off time. This helps you minimize idle time, improve energy efficiency and reduce consumption of fuel and power, and optimize utilization for higher production output.

## With Metso Metrics you get to:



### **Supervise your whole fleet in one place**

Review your whole fleet in one simple view. With Metso Metrics you can check each shredder in every location.



### **Continuously improve your operations**

Detailed diagnostics help you improve and optimize your operations. With Metso Metrics you can analyze and compare trends over time for a range of process and machine parameters.



### **Improve maintenance planning**

Optimize your shredder's maintenance scheduling. Metso Metrics recommends the schedule for the next service, helping you plan and ensure productive uptime while minimizing downtime.



### **Improve utilization rates**

Follow utilization rates to ensure your equipment is used in the most profitable way. Metso Metrics clearly displays shredder utilization, including working time and idle time.



### **See shredder status at a glance**

Instantly see your shredder's health status at a glance, Metso Metrics makes planning preventive maintenance easy. The intuitive Health Index gives you an indication of the current overall health status of your shredder.



### **Resolve issues faster**

Clear, informative alarms help resolve issues faster. Each alarm gives a complete overview of the situation, as well as helpful information to resolve it including the potential causes of the alarm and a list of recommended actions.



### **Metso expert assistance**

Get support and online diagnostics from Metso. Data from your shredder can be securely sent to Metso for trouble-shooting, diagnostics and continuous improvement. With this in-depth information our experts can also help boost your machine's performance.





[www.metso.com](http://www.metso.com)

### **About Metso Waste Recycling**

Metso Waste Recycling specializes in the design and manufacture of shredding equipment to effectively and reliably reduce the size of all material. Through more than 800 installations worldwide and continued focus on R&D, Metso Waste Recycling is one of the world's leading suppliers of shredders for the recycling industry. Our position also stems from our customer focus. We endeavor to supply you and your business with the best shredder solution; we always do our best to understand your current situation, and your future needs. Our customers include companies that work with hazardous waste, waste-to-energy, recycling, landfills, cement production and composting.

All Metso shredders share certain common features, including exceptionally robust construction. We use components from internationally recognized suppliers, to ensure maximum performance and durability.

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