machine monitoring

fitfactory MES

Know exactly what your machines are doing, right now

Fitfactory Machine Monitoring shows you which machines are running, which are sitting idle, and where the hold-ups are. No need to walk the floor or chase your team for updates. Get the information you need to act fast and keep jobs moving.

Set up a digital layout of your shopfloor in minutes, with each machine labelled and colour-coded so anyone can read it at a glance. Green means running, red means idle, grey means no signal. No guesswork, no walking around. Just a clear picture of what is happening and where attention is needed.

When a machine stops, you will know about it straight away, with alerts that tell you why, not just that it happened. Over time, the data builds up a picture of where recurring problems sit, so you can fix root causes instead of firefighting the same issues week after week.

1-minute install

Bolt-on to existing machines

Track machine utilisation



Turn any machine into a

The Machine Monitoring sensor is a small, lightweight device that clips on to any machine, CNC, fabrication, or conventional, without any wiring or modification to the equipment itself. A CT Clamp attaches to the live power cable and picks up the energy draw. That is all there is to the install. Most customers are up and running in under a minute.

Data is transmitted wirelessly and securely to the Fitfactory Cloud, where it is turned into a clear read on whether each machine is active or stopped. No interpretation needed.

From there, your dashboard gives you live OEE, uptime figures, and overall machine performance in one place. Everything you need to see how hard your kit is actually working.

Capture live machine data

Energy consumption measurement

See exactly how much energy each machine is using, recorded every two minutes. Useful for spotting waste and understanding the real cost of running your kit.

Output analysis over time

A rolling four-hour view of machine output shows you where production is flying and where it is falling behind, so you can act before the end of the shift.

Daily OEE metric reporting

Your Overall Equipment Effectiveness score, updated live every day. A straightforward number that tells you how hard your machines are genuinely working.

Real-time machine activity tracking

Continuous monitoring of every machine on your floor, so you always have an accurate picture of what is running, what is stopped, and for how long.

Weekly performance analysis

A clear weekly breakdown of time spent active, idle, and off, alongside energy use. Useful for spotting patterns and having informed conversations with your team.

Identification of cost reduction opportunities

The data does not just sit there. Fitfactory flags where energy is being wasted and where machines are underperforming, giving you clear actions to reduce costs.

Energy cost calculation

Understand what it actually costs to run each machine, with variable energy rates factored in. Know where you are making money and where you are not.

Idle period energy consumption analysis

See how much energy your machines are burning when they are not producing anything. Often the quickest win for cutting your energy bill.



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