

UPGRADES + ENHANCEMENTS

KOMAX CONNECT

Do you want to improve the productivity and quality of your wire processing? Then you will need comprehensive, precise information – ideally, the production data of your machines. This is exactly what Komax Connect processes in the Komax Cloud. You receive all the information you need to optimize the productivity of every single machine in real time.

Your requirements

- Increase productivity and efficiency
- Consistent quality that is easier to control
- Observe which of your machines are running optimally and which are not – at a glance and at any time
- Know when users change the machine parameters
- Future-proofing your Komax machines

Your benefit

- Transparency for your production thanks to a clear overview of all machine data
- Real-time comparison of the production output of multiple locations or machines
- Create reports including all relevant statistics in no time
- Cloud-based service – you always use the latest version with no need for software updates

Description

Komax Connect processes the production data of your machines in real time and visualizes it in clearly structured diagrams. You never lose track of the productivity of your machines. Compare their output and quality across multiple locations or machines at a glance – and determine, for instance, which parameters achieve the best quantity-quality ratio. You immediately find out the reason of machine downtimes as they happen. When a user changes the

machine parameters, those in charge of the machines are immediately notified by email. In short: Connect gives you the exact information you need to optimize the productivity of your Komax machines while keeping the quality of your products as high and consistent as possible.

Scope of services

- Software and hardware (Komax Gateway)
- Unlocking the selected functions and setting up access rights
- Processing data in real time in the Komax Cloud
- Storing the data on the specially secured cloud servers
- Ongoing expansion of services and functions

Contact

Your local Komax partner



◀ **Machine view**
The diagrams visualize the production data of a machine within a definable time frame.

▶ **Detail view of errors**
You get a detailed list of all errors for each machine and can additionally filter them by the period of time and error type (information, process, machine or system error).

Time	Message	Type
21-10-2019 21:20:00	Sp error collector	ProcessError
21-10-2019 19:37:30	Sp error collector	ProcessError
21-10-2019 17:51:30	Info speed (wire) 100% (ready)	Information
20-10-2019 23:00:00	Machine controller has been restarted due to an unexpected stop.	SystemError
19-10-2019 22:15:00	Info speed (single) 200% (ready)	Information
23-10-2019 21:12:00	Pre heat wire controller out	ProcessError

YOUR QUESTIONS OUR ANSWERS

What is so innovative about Komax Connect?

Previously, you had to go to every single machine to ensure that it was working as it should. To find out about their productivity, you had to collect and evaluate a range of data in a quite complicated process. All that is changing completely! Komax Connect gives you all the machine productivity information you could wish for – in a clearly structured, visual format, in real time and 24/7.

And how does Komax Connect work?

Connect transmits machine and production data to the Komax Cloud and processes it there in real time.

So Komax Connect simply provides me with data?

If you define “data” as endless, incomprehensible rows of digits, the answer is clearly: no. From the enormous amount of data available, Connect only processes what actually gives you new insights – visualized in a way that allows you to see the important bits at a single glance. The drill-down function also shows you further details.

What insights does Komax Connect give me?

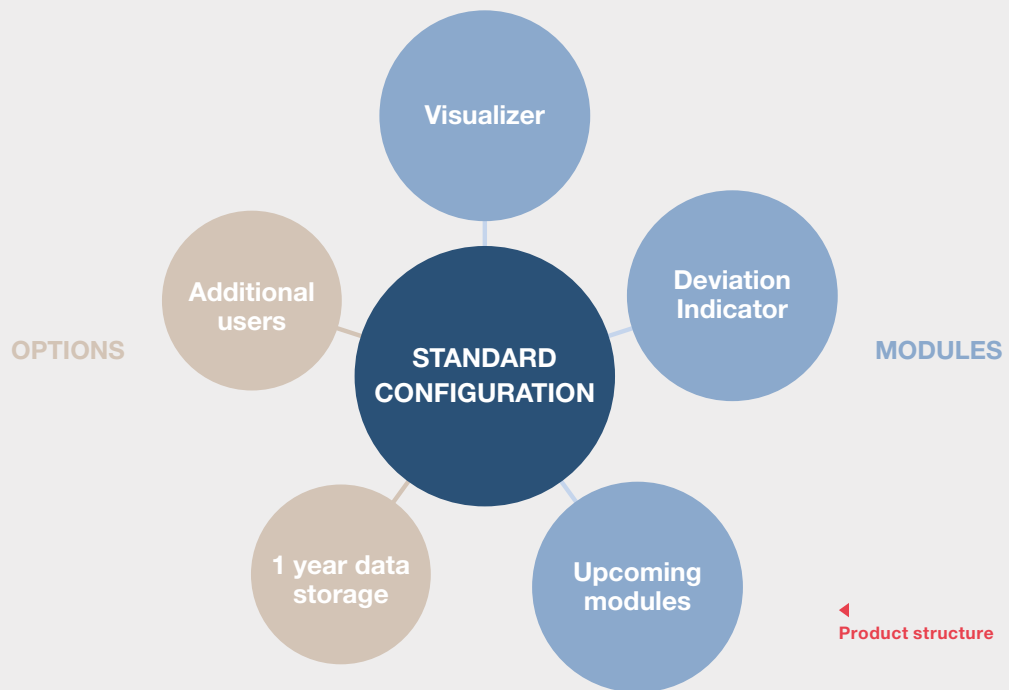
You can, for instance, see the current productivity of any machine. Because Connect stores the data in the cloud, you can compare and evaluate current and historical production data. Do you produce your goods with multiple machines of the same type, possibly even at multiple locations? With Connect, you can determine and fix the causes of productivity and quality differences.

What machines are compatible with Komax Connect?

In addition to the new, fully automatic wire processing machines by Komax, you can use Connect with a wide range of other models; you can find a list of compatible machine types in the info box.

Compatible machines

- Alpha 530 / 550 / 560 / 565 / 355 / 355 S / 477
- Sigma 688 ST, Alpha 488 / 488 S
- Zeta 630 / 640 / 650 / 633 / 656 / 651
- Omega 740 / 750 / Exmore Wire XXL
- Gamma 263 / 263 S / 255 / 450



Why is Komax Connect based in the cloud?

Because the Komax Cloud only gives you advantages: firstly, you can use Connect at any time and in any place – be it with a tablet or PC, on the go or in the office. Secondly, Connect runs in your web browser – this eases the workload of your IT department as they do not need to install, maintain or update any software. Thirdly, our specialists can analyze the production data of your machines online as needed without visiting your site in person – this massively shortens downtimes and saves you a lot of money.

What about data protection?

It's great! In every way. For example, the gateway encrypts the data before it is transferred from your machine to our cloud. We also have the security of the Komax Cloud audited and certified by a neutral authority on a regular basis. And the user settings allow you to specify which of your employees can access the Komax Cloud.

What can Komax Connect do?

It can already do plenty – and will be able to do even more in future. Connect has a modular structure and adapts to your requirements both flexibly and precisely. The standard configuration contains the basic version of the “Visualizer” module that graphically depicts current and historical data in real time. Data storage in the Komax Cloud for 30 days is also included in the standard configuration. The “Deviation Indicator” module continually compares the settings and item specifications of freely definable machines in your production. As soon as the module detects a deviation – e.g. in the machine settings or specifications – Connect immediately informs the responsible employees by email. They can react immediately to prevent, for example, a reduction

in quality. Available options also include additional users (five are included in the standard configuration) and the extended storage of your data in the cloud.

What's next for Komax Connect?

We will continue to expand the service, taking the feedback from our customers into account. Our plans include modules that allow you to not just monitor but also actively optimize your machines in the Komax Cloud – or recommend you concrete, proactive measures to prevent unplanned downtimes.

Is Komax Connect suitable for our company?

Of course, you want to get the most out of your investment. And you are doubtlessly striving for the greatest possible output with the lowest possible number of scrap. This is exactly what Connect helps you achieve. And that is why your company will benefit from this service – no matter if you are producing with a single machine or with countless Komax machines across all five continents.

What does Komax Connect cost?

You subscribe to the service for one year at a time; your subscription always covers the basic configuration of Connect: real-time data processing, the basic version of the “Visualizer” module, five user accounts and 30-day data storage in the Komax Cloud. Depending on your needs, you can add the “Deviation Indicator” module, extra users or an extended data storage period to your configuration. Each subscription covers one machine; the more machines you integrate into Komax Connect, the more attractive your scaled discount becomes.