Inhalts
Übersicht

**Management
Bericht**

ESG
Bericht

Corporate
Governance

Vergütungs
Bericht

Finanz
Bericht

SMART FACTORY BY KOMAX

NO OPERATOR INFLUENCE

The Komax Group develops fully automated, networked solutions to minimize operator influence. This facilitates highest precision and process quality together with lower costs and fewer rejects. Furthermore, both productivity and transparency are improved.

Q1250 – scalable quality testing modules for the testing of stripping, of crimp and seal, and – depending on selected configuration – further quality features.

IQC Technology – fully automatic changeover system delivering a massive increase in productivity for Alpha series machines (www.iqc-technology.com).

Sigma 438 twisting machine – sequential production of various wire harness variants.

Adaptive Incision Control (AIC) – production of the highest quality without manual configuration of production parameters, including automatic compensation of wire tolerances and significant reduction of rejects.

SELF OPTIMIZING FACTORY

The self-optimizing factory improves productivity while also reducing quality costs. To achieve this, the Komax Group provides cloud-based algorithms based on production and behavioral data. Customers therefore significantly improve machine utilization while at the same time reducing their quality costs.

WIRE Insights – increasing productivity on the basis of comprehensive real-time information.

Possibility of integrating variable machine interfaces, such as OPC-UA, MIKO, and WPCS, into existing IT infrastructures of customers.

MES solutions 4WIRE CAO and 4WIRE Px from DiIT, and now also WIRE Flow – improvement of overall equipment effectiveness (OEE).

SMART FACTORY BY KOMAX

With its five components, the SMART FACTORY by KOMAX offers solutions for wire processing of the future. The aim is to make customer production processes simpler, thereby elevating the quality, productivity and flexibility of wire processing to a new level. The Komax Group is further developing all five components on an ongoing basis.

ON-DEMAND SERVICE

The Komax Group offers solutions and services on demand. These include performanceor usage-based payment for systems, financing and leasing services, and procurement of production capacities to handle production peaks, for example. This enables customers to reduce their capital requirement and increase flexibility, stability, and responsiveness.

CARE – service agreements for individual machines or entire production sites, including technical support, training, and financing offers.

WIRE Mind from WUSTEC – digital platform for control cabinet and machine manufacturers for the online ordering of any amount of prefabricated wire sets.

CARE Services – selection of various service products such as warranties, repairs, installations, updates, and support in product optimizations with WIRE Insights.

WIRE Flow – user-friendly wire processing software with a subscription model for cut & strip machines.

SELF-SERVICE BOUTIQUE

The Komax Group offers access to a digital self-service boutique. Customers benefit from services such as product and spare parts ordering, web-based training, software downloads and upgrades, license management, plus analysis and optimization tools. This means they can access the services of the Komax Group at any time, from anywhere, and get a customized picture of their business.

Redesigned website (www.komaxgroup.com) as basis for future online services.

myKomax Online service portal – for direct customer contact as well as subscriptions to services.

REAL-TIME QUALITY AUDITS

The Komax Group enables real-time quality audits. Quality data is collected using IoT technology, stored in the cloud, and processed in a user-friendly manner. This means that customers can produce quality reports immediately and easily, and thereby demonstrate compliance with quality requirements at at any time and trace processes.

4WIRE Px, 4WIRE CAO and WIRE Insights – software solutions that gather, save, and analyze comprehensive production data, including full traceability.

■ Selection of existing solutions
■ New solutions added in 2024

More information on the SMART FACTORY by KOMAX can be found in this video:

komaxgroup.com/smartfactory