

ROVEMA Life Cycle Services

The success of our customers is our motivation

Our packaging solutions are future-proof and a secure investment.



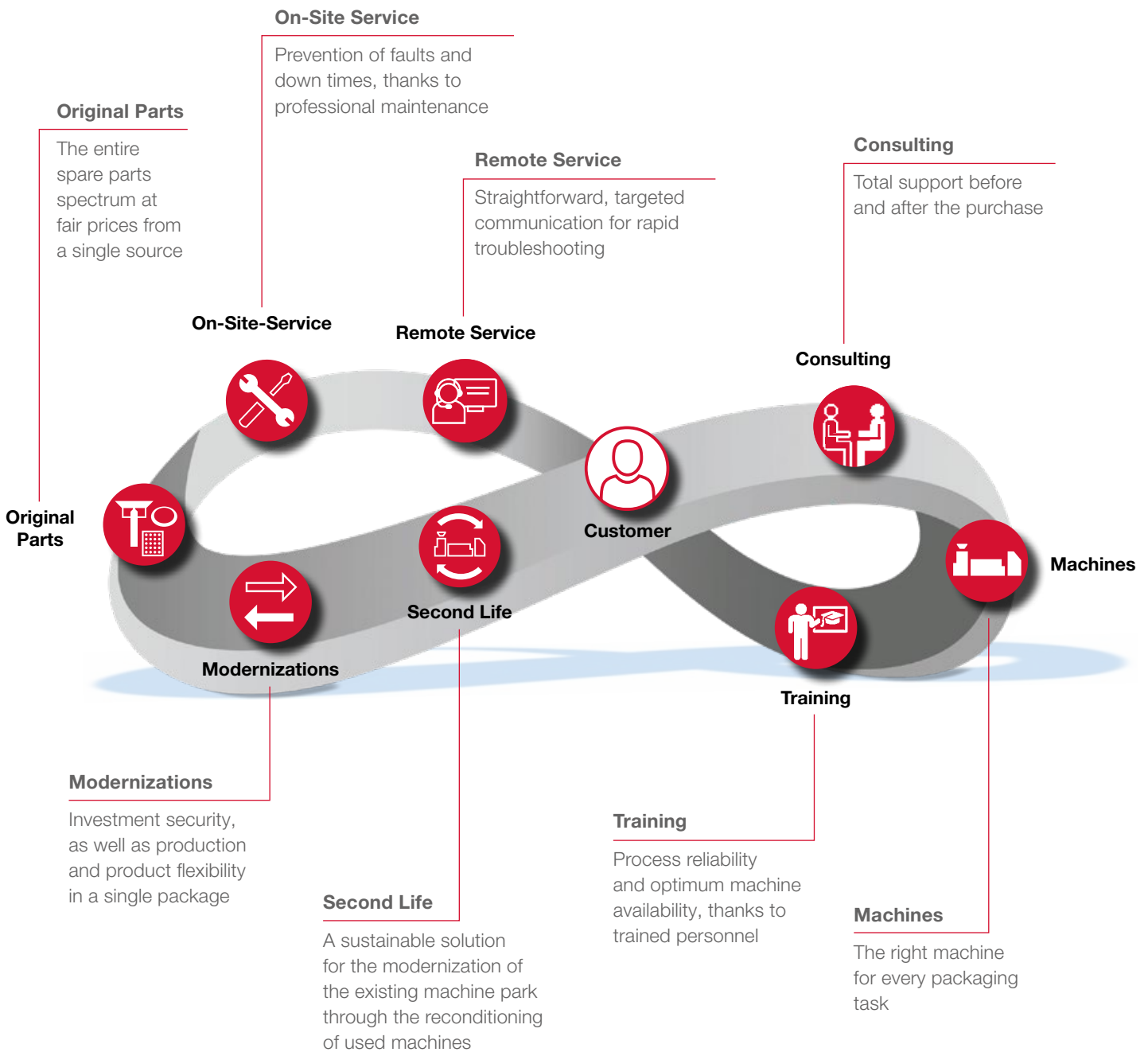
360° life cycle services



ROVEMA Life Cycle Services

Support during the entire machine life cycle through ROVEMA.

With their decision for a ROVEMA packaging machine, our customers have the certainty of being supported comprehensively by ROVEMA during the entire machine lifecycle. In so doing, a machine life can run through multiple cycles. From wear-dependent support with matching original parts, through fault elimination via Remote Service and on-site maintenance and inspection, up to comprehensive modernization measures, which extend the first life cycle of the machine or allow a Second Life.



ROVEMA Life Cycle Services will accompany you in every phase of the machine life cycle – your success is our daily motivation!

ROVEMA Training



Sustainably successful

Offer your employees more than just instruction!

Get long term profit from a trained team and use your machines to the maximum. The ROVEMA training offer has a modular structure, allowing flexible adaption to your requirements. Theory and practice are optimally intertwined, simplifying operation and routine maintenance work on your machine.



Our training products



Classroom training



Learning platform



Training materials



Training videos



Live web training



Blended learning

Maximize the efficiency and service life of your machine with customized training products and training programs – for a smooth production process and sustainable high productivity.



TRAINING – We are happy to advise you

training@rovema.de

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Professional training modules

The innovative, multimedia training course content is tailored to the prior knowledge of the user and offers practical and interdisciplinary special knowledge in the fields of operation as well as mechanical and electrical maintenance.

BASIC

- Ideal for beginners
- Important for start of production
- Recommended after installation of a new machine or for onboarding

ADVANCED

- Ideal for maintenance personnel
- Important for increasing productivity
- Recommended after machine installation

EXPERT

- Ideal for staff with experience
- Important for optimization and handling
- Especially recommended for those experienced with ROVEMA machines

BACK TO BASICS

- Ideal for staff with experience
- Important for long-term efficiency
- Recommended as a regular refresher

ROVEMA Remote Service

Problem detected – problem banned

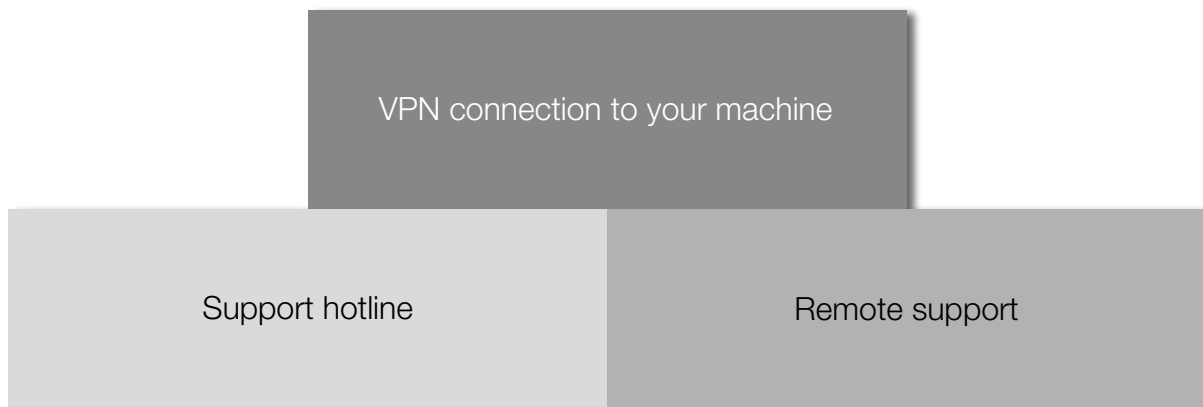


We can help you to minimize time and cost: With the experts from ROVEMA Remote Service, you always have a competent contact person at your side, who can rectify faults remotely and promptly.



Rapid problem solution through remote diagnosis

The ROVEMA Remote Service works by telephone via the support hotline, by mobile phone or via the Internet using a VPN connection. This allows our service experts to communicate with your technical management or operating personnel in an uncomplicated and targeted manner, enabling them to resolve many faults promptly and to the satisfaction of everyone involved. Necessary software updates can also be easily transferred and installed over long geographical distances via a VPN connection.



Minimize downtimes and increase your production reliability – with our customer support, experts are just a phone call away and rectify faults in real time so that your production never comes to a standstill.

ROVEMA On-Site Service



Comprehensive on-site service for the maintenance of your investment



Our service technicians and installation engineers will support you from the start during the installation and initial start-up of your new ROVEMA machine, during the conversion of your existing machines, or during upgrading of applications.

Simple, professional, worldwide

Efficient use of your machines is just as important as maintaining their value in the long term. Our qualified service technicians and mechanics are at your side from the installation to the commissioning of your new ROVEMA machine. Our experts carry out regular inspections to check all system elements for wear, functionality and safety. In addition to maintenance and repair, we also offer professional modernization of your existing machines and retrofitting of new applications.

Our service products

- ▶ Inspection
- ▶ Service and maintenance
- ▶ Repair
- ▶ Optimization
- ▶ Conversion / modernization
- ▶ Retrofitting of applications
- ▶ Training / instruction
- ▶ Film tests

Secure the long-term value of your investment – with our comprehensive on-site service, our qualified technicians ensure worldwide maximum availability and performance of your ROVEMA machine



ROVEMA Service
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ROVEMA Service Contracts

Support, service, security

With our service concept, we provide you with optimum support throughout the entire service life of your machine.



Secure your machine investment with a ROVEMA service contract

Our 4-LEVEL concept offers customized service packages that are tailored to your individual customer requirements and include attractive discounts. In addition to an annual inspection by a ROVEMA service technician, you can flexibly book up to 7 additional service packages.

The inspection is always included with every service contract level. The service contract level depends on the number of additional service packages booked. A higher level qualifies you for higher discounts.

Our service product catalogue 

 Inspection	 VPN licence
 Training documentation	 Increasing productivity
 Classroom training	 Priority booking
 Training videos	 E-Learning

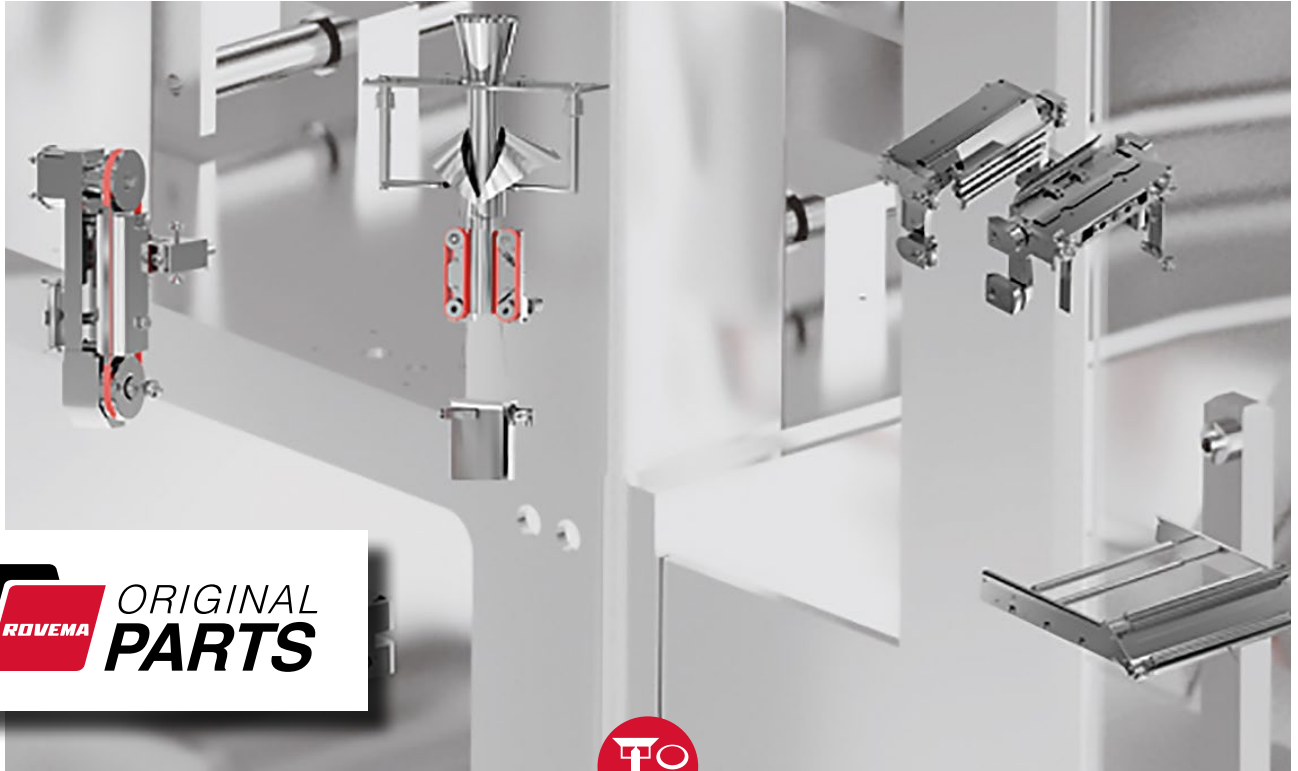
Your advantages at a glance:

- ▶ Prevention of malfunctions and downtimes
- ▶ Ensuring machine availability
- ▶ Planning reliability
- ▶ Calculable maintenance costs
- ▶ Qualified service technicians – always up to date thanks to regular training and quickly on site due to worldwide service locations.
- ▶ More know how for your operating personnel through training
- ▶ Identification of optimization potential and specific recommendations for action

ROVEMA Original Parts



Quality made in Germany



ROVEMA ORIGINAL PARTS



High-quality spare parts from a single source

ROVEMA packaging machines are technically sophisticated systems that have been developed to master demanding tasks. With over 30,000 machines delivered and an active machine inventory of over 6,000 machines in daily production operation, we are represented in around 130 countries around the globe. We have over 15,000 original parts available at short notice to ensure a smooth replacement and wear part service, as maintenance cycles must function reliably and unplanned production stops must be avoided at all costs. That is why we attach great importance to the highest spare parts quality at a fair price.

Avoid production stops with our reliable spare parts supply – benefit from over 15,000 high-quality original parts, fast delivery and one single person of contact for all your questions.

Your advantages with our spare parts:

- ▶ Reliable worldwide spare parts supply
- ▶ High quality
- ▶ One contact for all spare parts
- ▶ Long parts availability
- ▶ Over 15,000 spare parts in stock
- ▶ In-house parts production
- ▶ Fast response time



ROVEMA Original Parts
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ROVEMA Modernizations

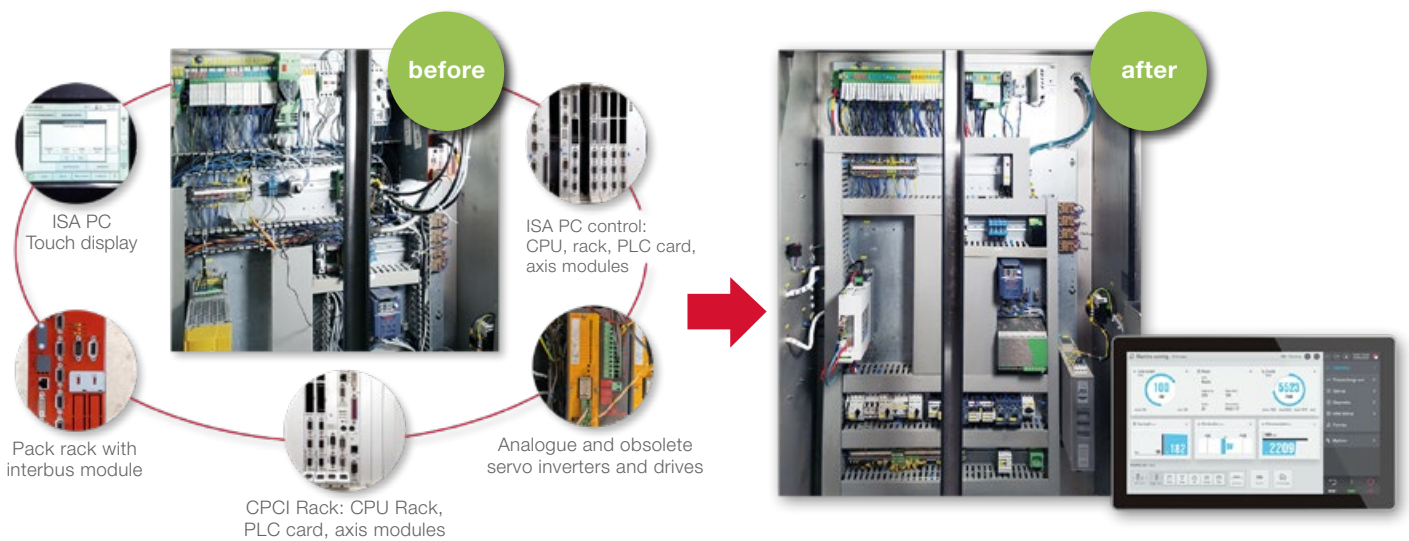
Saving energy and raw materials in daily operations

Sustainability and resource efficiency are in the public eye and are increasing the pressure on the packaging industry. ROVEMA is responding to this trend with technical innovations and new packaging ideas. Modernizing machinery with energy-saving, resource-conserving processes and, above all, the use of sustainable packaging materials poses challenges for many manufacturing companies. ROVEMA supports you in these tasks and offers you tailor-made solution concepts and intensive advice.

Machine control modernizations

Avoid unplanned machine downtimes

What happens if electrical components of your machine fail and are no longer available?
Without warning, a defect in an electrical component of your ROVEMA machine leads to machine downtime. The necessary spare part is no longer available and ROVEMA's inventory is also exhausted. The preparation of the required conversion kit takes time. The replacement of the complete control system requires a new circuit diagram, new visualization and a new programming software. It can take several weeks for an order to be delivered and installed on site. The impending loss of production can represent a significant economic loss and is avoidable.



Stay flexible with ROVEMA

As a preventive measure, we offer you the option of ensuring the availability of your ROVEMA machine in the long term: Let us advise you on the advantages of a modern P@ck-Control control system.

Together with ROVEMA, you can determine the time for the conversion on site and can thus plan your production in advance to bridge the conversion period!

Your advantages at a glance:

- ▶ Modern control system for ERP and internet connection, e.g. for remote support
- ▶ Intuitive HMI with the latest security technology
- ▶ Energy-efficient servomotor drives
- ▶ Open to the future for IOT or functional expansions
- ▶ Short downtime for machine upgrades



ROVEMA Modernizations

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Use of sustainable packaging materials

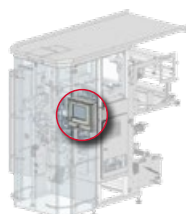
Extend functions – Implement modern, sustainable packaging

Whether you are developing new products, new bag shape or new packaging material. ROVEMA machines have always been known for their flexibility. From a simple software expansion to the retrofitting of additional applications – we are there to help and advise you and can provide you with competent guidance through all available options, in order to find the optimum solution for your individual application. Clearly structured checklists simplify communication by clearly determining the key parameters at the start of your project. Technical knowledge, documented machine history and deep technical experience form the foundation of your perfect function upgrade!

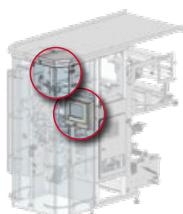


Maximum investment security through holistic approach

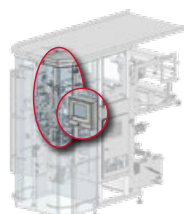
Tailor-made adaptation of existing machines, also to alternative sustainable packaging materials



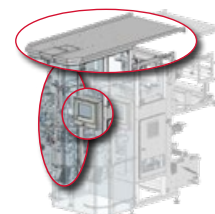
Option A



Option B



Option C



Option D

New demands

Use of slightly different packaging material on an existing machine

Use of ASPM on an existing machine

New bag size and use of sustainable packaging materials

New bag size and use of sustainable packaging materials

Assessment of machine frame action

Action

(building on each other)

+ New recipe
+ Easy adjusting

+ Maybe new forming shoulder

Machine frame:
+ New forming set
+ New sealing tools

Machine frame **not** suitable:
+ Adaptation of format support
+ Adaptation of product infeed

Exemplary process for switching to sustainable packaging materials



ROVEMA Modernizations

Examples of Original Upgrade Kits

Cross sealing jaws with inserts

Easy change

Move on quickly with the change to another tothing profile or seal width. The sealing jaws, consisting of body and inserts, enable the exchange of the cooled down sealing faces within a few minutes.

Cost efficiency

You benefit from a higher machine availability and a cost-reduced spare parts procurement. Once converted, if worn in future you will have to change the inserts only.

Resource efficiency

Less raw material consumption combined with optimum use of resources



An upgrade kit contains:

- ▶ Jaw bodies front and rear
- ▶ 4 inserts
- ▶ Set of heating cartridges and temperature probes
- ▶ Electric supply with terminal housing, cable and plug
- ▶ Set of insulating plates

Stabilo Seal in reel carrier

We offer for all continuous ROVEMA Form, Fill and Seal machines with P@ck-Control system an upgrade of the existing reel carrier for the production of 4-edge sealed Stabilo Seal bags. The high-quality stand-up bag with four clearly separated presentation areas is already established on the market.

Retrofitting is possible for all standard bag sizes. We would be happy to check the possibility for you of continuing to use the previous format set and coding system.

Tip for all manufacturers who pack in block bottom bags:

If you continue to pack with the same packaging material, the machine height – and therefore the drop height for your product – remains the same even after the Stabilo Seal upgrade. The upgrade can be carried out on continuous VFFS machines with P@ck-Control control system. We would be happy to provide you with a customized offer.



A conversion kit includes:

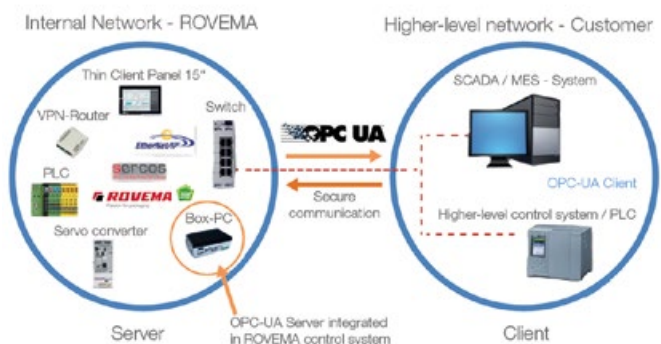
- ▶ Stabilo Seal carrier module incl. forming and sealing tools
- ▶ Servomotor-driven packaging material draw down
- ▶ Electrical parts with connections and accessories
- ▶ Format parts
- ▶ Software and circuit diagram customization

ROVEMA OPC-UA

Digitalization is advancing in many areas of production. With ROVEMA OPC-UA, machine production data can be simply tied via a network connection to the customer's production data acquisition system or a third-party control system for data evaluation.

What data can be transferred?

- ▶ Product counter
- ▶ Recipe information
- ▶ Machine status
- ▶ Errors
- ▶ Recipe management
- ▶ Production orders
- ▶ Sealing temperatures



ROVEMA Second Life



Used machines, also for new packaging tasks



With competence and creativity we give packaging machines a second life.



Conserving resources sustainably – preserving value.

After decades of production, existing machines often no longer offer the original availability and have higher energy consumption. Extending the machine's service life through software updates, format changes or upgrades to individual components is sometimes not cost-effective. Sooner or later, these machines are therefore replaced by new machines. The ROVEMA Second Life offer makes it possible, depending on the individual situation, to bring proven technology up to date and thus keep new machines in the production cycle.

Refurbished, used packaging machines in various expansion stages:

- ▶ Replacement of all mechanical wear parts
- ▶ New, up-to-date electronic control system
- ▶ New control cabinet
- ▶ New servo drives
- ▶ New paintwork
- ▶ New formats
- ▶ New dosing
- ▶ Accessories



We support you in your efforts to maintain investment values and operate sustainably. Since January 2020, the Dutch company DL Packaging has been part of the ROVEMA Group and complements our product and service portfolio with used machines of various processing stages in the medium price segment. DL Packaging supplies ROVEMA used machines and converts them to your requirements.



ROVEMA Second Life

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ROVEMA Worldwide



Passion for packaging



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