



MODERNISATION AS A GENUINE ALTERNATIVE TO NEW ACQUISITIONS

Our Services



Automation

Standardised hardware and software solutions for your machines and systems

Consulting

Search for machines as well as size parts and spare parts

Service

Support for maintenance and calibration

Retrofit

Execution of customer-specific reconditioning projects

Your benefit



Production reliability

Modernisation increases production reliability, because:

- an up-to-date documentation facilitates troubleshooting,
- high spare part availability permits short down times,
- the operating unit can be handled by the user in a simple and efficient way,
- plug connectors are reduced and thus sources of error are avoided.

Quick implementation

A modernisation can be implemented within 4 to 12 weeks. We achieve this by:

- the standardisation of components to simplify project planning,
- completed procurement before taking the machine out of production,
- pre-assembly as far as possible to reduce installation times.

Economic

Modernisation is more economic than new acquisition, because:

- it is not the entire machine which is replaced, but only defective, worn-out or unavailable components are renewed,
- the functionality of the machine is known and thus all products can be manufactured,
- all size parts can be re-used,
- a more expensive new validation of the machine is not required.

Your benefit



Capable for Industry 4.0

Due to the modernisation, the automation of the machine is state-of-the-art again and thus:

- the machine can be integrated into the network and is able to use all network resources, as e.g. printers, network drives,
- remote maintenance access is possible,
- a connection to production data capturing is possible,
- a later extension for further functions, as e.g. status monitoring for preventive maintenance, can be implemented.

Sustainable

Modernisation is more sustainable than a new machine, because:

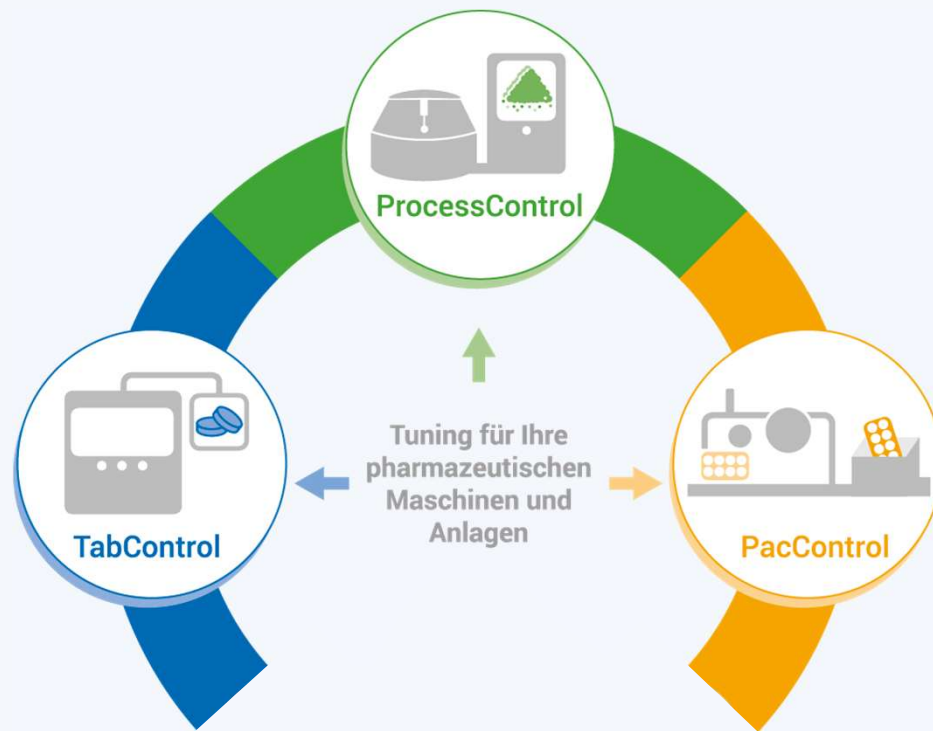
- the service life is at least doubled,
- energy consumption is reduced due to new energy-efficient drives,
- less resources are used, as e.g. new steel for the machine frame is not required,
- modern components provide higher efficiency,
- techniques for preventive maintenance become possible.

Doubling the service life

Following the modernisation the machine is in an "as new" status again. We can achieve this by reconditioning or replacement:

- of gearing and rotor shaft,
- of punch-guiding parts and rotor,
- of wear parts, such as bearings, seals, and lubrication lines,
- of the complete electrical system,
- of the process technology.

Our products



TabControl

for tablet presses

PacControl

for blister lines and cartoning machines

ProcessControl

for fluid bed dryers,
coaters, and high shear mixers

CapControl

for capsule fillers

MixControl

for container mixers

Electrical overhaul



The essential elements of our electrical overhaul are:

- the renovation of the complete control cabinet,
- the renovation of motors, sensors, and actuators,
- the replacement of the entire cabling,
- the use of a user-friendly operating unit,
- the replacement of handwheels by servo drives.

Mechanical overhaul



The essential elements of our mechanical overhaul are:

- the overhaul of gearing and rotor shaft,
- the renovation of punch-guiding parts and rotor,
- the overhaul of the lubrication system,
- the replacement of all bearings and seals,
- cleaning and new painting.

Our contact data



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