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How we're driving the world



SEW-EURODRIVE
Driving the world

Fast. Up-to-date. Online: www.driveworld.de/en

ClimatePartner
climate neutral
print product

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Product announcement:

The new mechatronic industrial gear unit

A future-focused combination of drive and intelligence within a single system







The new drive system for a more intelligent industry




As one of the world's leading specialists, SEW-EURODRIVE is the first point of call for end-to-end drive systems that go far beyond just the hardware. We work day in, day out on developing future-focused solutions and put them into practice to create real customer value. For over 80 years, our work has set both trends and standards.



Our pioneering spirit is now on show once again in the form of our new mechatronic industrial gear unit – we are the first supplier to deliver industrial gear units, motors and decentralized frequency inverters in a standard package. This is an innovative system solution that ensures practical benefits and profitability across all stages, from the initial inquiry right through to maintenance. Everything stems from a single source – and a leading brand name.



The mechatronic industrial gear unit provides you with the full functionality and flexibility of frequency-controlled drive technology in the easiest possible way.



The factory-assembled mechatronic industrial gear unit is the first inverter-controlled Plug & Play solution of its kind worldwide. Combining optimally matched components into one product reduces project planning to a small number of interfaces. Pre-prepared system information and optimized logistics ensure smooth plant planning and fast delivery times. The minimized

connection outlay and preset control electronics enable exceptionally fast production startup. Straightforward setting options, maximized flexibility and full transparency during operation lead to optimal conveying processes. Availability is maximized thanks to minimized maintenance and servicing.

The mechatronic industrial gear unit is set to revolutionize industry with its system intelligence. The intelligent integration of all components allows linked-up sensor technology to be used to monitor, evaluate and control both the drive status and process status. Quick reaction to changes, redundancy in design and high power density ensure efficient processes, increased productivity and a wider range of options – thus paving the way for more intelligent industry.

Mechatronic industrial gear unit: the key facts and figures

Control connection options

- Ethernet x 2 (fieldbus)
- Terminal interface

Power

- 50, 75, 100 kW available
- Overload capacity up to 200 %

Options

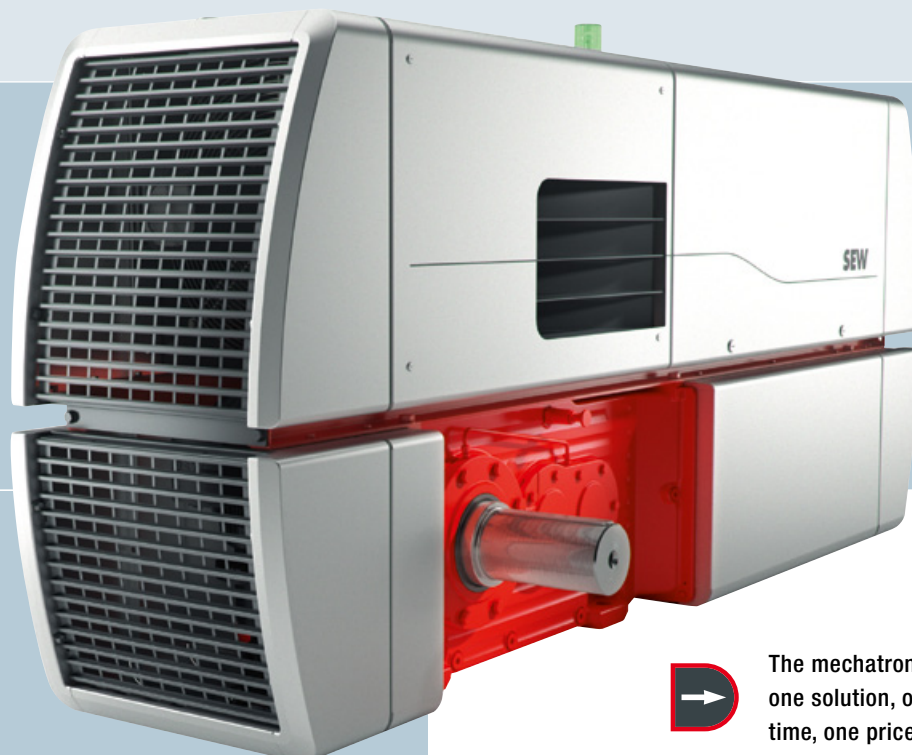
- Color (gear units, housing)
- Surface protection
- Low temperature package
- Stop/emergency brake
- Handheld terminal (various options)
- Torque arm
- Hollow, solid or pinion shaft
- And many more

Specific functions

- Startup
- Braking
- Change direction of rotation
- Variable speed
- Self-diagnosis
- Remote control
- Condition monitoring
- Process monitoring

Benefits

- Turnkey drive system
- Plug & Play
- Simple operation
- Compact design and low weight
- Standardized solution
- High system efficiency
- High reliability
- High degree of protection



The mechatronic industrial gear unit:
one solution, one contact, one delivery
time, one price – it's simple