



Decentralized
frequency inverter
i-series motec



i-series motec

The digital and sustainable drive solution

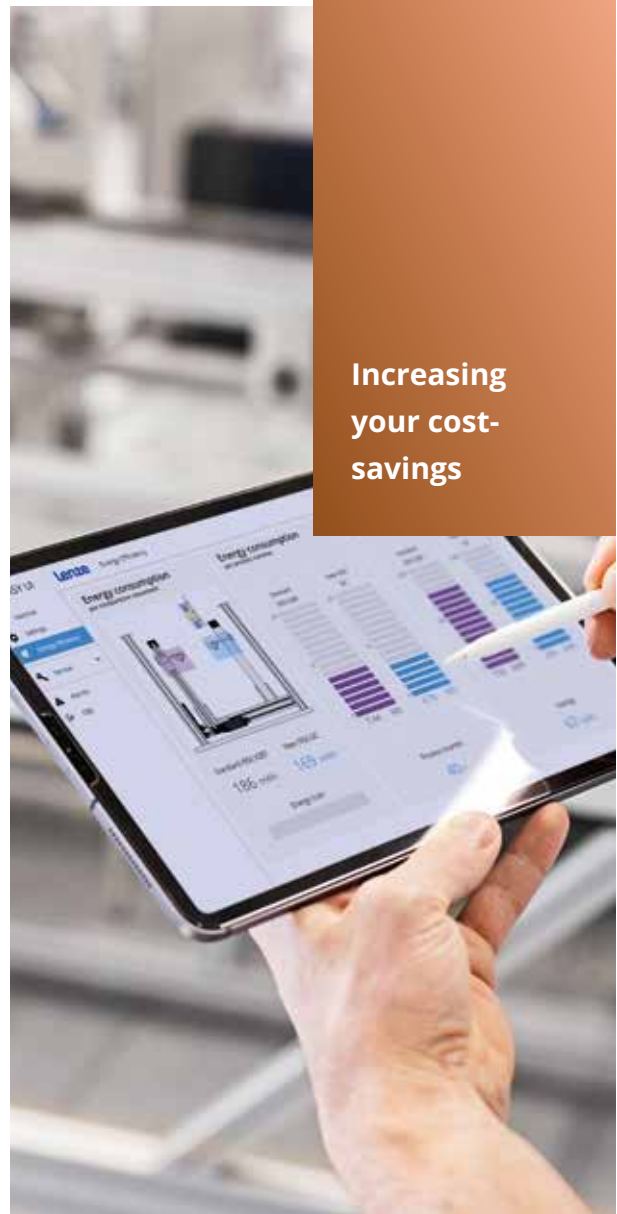
For simple to complex systems

The new generation of decentralized frequency inverters increases the plant reliability. Digital functions make the processes from the drive shaft to the cloud transparent and support you in the digital transformation.

Get closer to your goal of climate neutrality with the energy-efficient i-series motec. Sensible integrated functions round off the “ease-of-use” and ensure fast, resource-efficient implementation of projects.



For a sustainable future



Increasing your cost-savings

Digital

- It functions as an efficient “**sensor**” in the system and collects and standardizes data in real time.
- A successful connection to the **cloud** is easy thanks to the Drive DataHub.
- The **IO-Link master functionality** saves additional hardware and installation costs.

Energy efficient

- The **integrated regenerative function** makes braking resistors unnecessary, regenerative energy becomes usable.
- The drive package of i-series motec, m550 motor and g500 gearbox ensures minimal **carbon footprint**.

Economical

- The integrated scalable **safety technology** and the **positioning function** pay off.**
- The **sensorless control** of synchronous motors saves costs and is a competitive advantage for your processes.
- The **latest connector technology** enables simple, timesaving motec installation.
- As a **global product**, it can operate independently of the mains voltage used at both 400 or 480 volts.



Conveyor technology in warehouse logistics



Conveyor technology in airport logistics

Wide range of applications

The new i550 motec solves almost all drive tasks in warehouses, airports, and in the automotive and packaging industries. Especially at high speeds, it demonstrates maximum performance and ensures the reliability of the system.

Particularly strong in conveyor technology

However you transport your goods: Horizontal, lifting or turning - the motec is precisely tailored to conveyor technology, making it a safe choice for Material Handling & Logistics.

Flexible in use

System integration of the motor- or wall-mounted motec from 0.37 to 45 kW* is easily achieved.

* in 2023

** expected in 2024

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Decentralized versions



Wall mounting
0.37 ... 45 kW*, IP66



Motor mounting
0.37 ... 22 kW*, IP55/66



Extension Box
0.37 ... 11 kW*, IP66,
Repair switch

* planned in 2023



**More information about the
i-series motec**

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