

Optimize your decentralized conveying operation

Variable frequency drive
i-series motec

Designed to drive your operation forward

High-performance and reliability are the building blocks for your rapidly moving automation environment and your path to success starts with our i-series motec drives. These products offer less cost (installation), less energy use, less components, and less wiring. This results in more control of your automation environment.

Less time, less cost

Installation of the i-series motec simplifies setup time eliminating considerable work-hours for commissioning, and wiring. Connectorized electrical connections removes potential wiring errors while drop-in mounting holes ensure quick installation.

Less energy consumption

Integrated regenerative braking allows energy to be fed back to the mains. This standard feature on the i-series motec eliminates the need for brake resistors thereby reducing the cost of external parts while minimizing energy loss.

Less components

The i-series motec with built in IO-LINK eliminates the need for external IO-LINK blocks. The regenerative feature removes the need for external brake resistors. Less parts mean easier installation, less points of failure and less potential human error.

More control

This all results in improving control of your automation environment and will keep you moving forward for decades to come. If you are ready to improve flexibility, reduce energy, enhance safety, and simplify setup, partner with Lenze to deliver what's next.

Mounting flexibility

Wall or motor mounting provides maximum design installation options



Improved control

Open and closed-loop motor control ensure precise speed and torque in real time



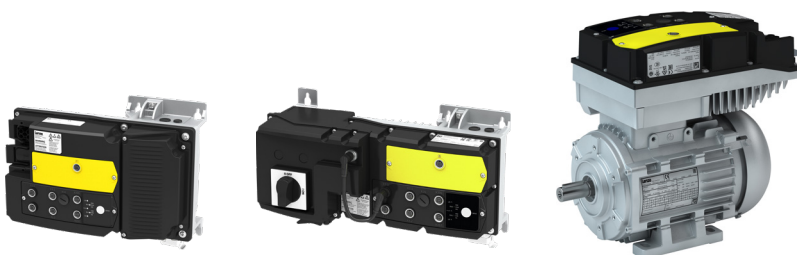
Harsh environments

Capable of handling the harshest conditions, motec expands your design options



CIP Safety™

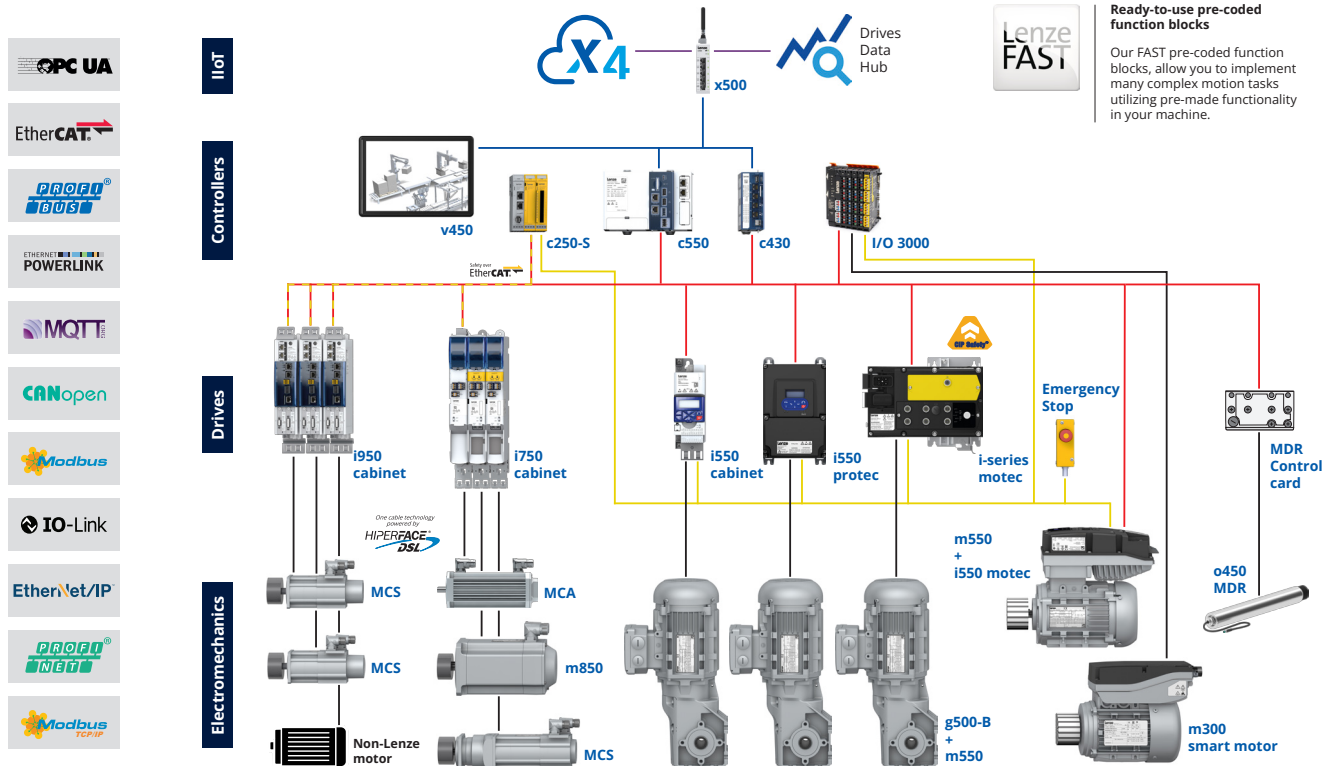
Certified by TÜV, the flexible i-series motec integrates into systems using CIP Safety and EtherNet/IP protocols*



* i-series motec with CIP Safety complies with requirements for:
Standard EN ISO 13849-1 — achieving Category 4, PL e (Performance Level)
Standard EN 61800-5-2, — EN 61508 achieving SIL 3 (Safety Integrity Level)

Reliable partner for challenging automation solutions

Regardless of the industry, every automation design presents unique challenges, whether your priority is decentralized flexibility, energy-efficiency, simplicity of configuration, or compact size. Customers have trusted Lenze for over 75 years to deliver "what's next."



Typical i-series motec product configuration for horizontal conveyor technology



Wall mounting
0.50 ... 60 hp (0.37 ... 45 kW), NEMA 4X/IP66



Motor mounting
0.50 ... 30 hp (0.37 ... 22 kW), NEMA 4/4X/IP55/IP66
0.50 ... 60 hp (0.37 ... 45 kW) for third-party motors



Extension Box
0.50 ... 15 hp (0.37 ... 11 kW), NEMA 4X with repair switch IP66 or repair and control switch IP54

Lenze
engineered to win