

## As individual as your application



### Energy efficiency

Our inverters comply with the European Ecodesign directive, achieve the **lowest possible energy losses**, and thus ensure optimum efficiency in system design. The combination with our gearboxes and motors creates energy-efficient drive packages that guarantee low electricity costs, high energy efficiency and long-term planning for future regulations.

### Flexibility

We offer a very comprehensive and **scalable inverter portfolio** for various needs in mechanical engineering. No matter which power, mains voltages, communications interfaces, or diagnostic options are needed – out of our product range you can choose the right solutions for your individual central or decentral application.

### Compact design

**Save costs** where space is limited and expensive. Lenze inverters take up minimal space in the control cabinet. Our cabinet inverters convince with a very **slim design** and **zero-clearance mounting**. Our decentral inverters are also more compact and need less space than comparable products.

### Easy-to-use

**Commissioning is very intuitive – from simple to complex tasks.** Many details in the device facilitate handling and significantly reduce the time required for installation, commissioning and service. These include voltage-free parameterization, easy menu navigation, practical default settings and pluggable connections.



**Our frequency inverters adjust the speed and regulate the rotational torque.**

Whether in the control cabinet, decentralized or directly mounted.

## Frequency inverters at a glance

	i510 cabinet	i550 cabinet	i550 motec	i550 protec
Design/Mounting	Cabinet	Cabinet	Wall or motor	Wall
Degree of protection	IP20	IP20	IP66	IP66
Mains connection/ Power range	0.25 – 15 kW	0.25 – 132 kW	0.37 – 45 kW	0.37 – 75 kW
Market approvals	CE, UKCA, UL, CSA, CCC, UKSepro	CE, UKCA, UL, CSA, CCC, UKSepro	CE, UKCA, UL, CSA	CE, UKCA, UL, CSA, CCC, UKSepro
Digital input/output	5/1	5/1	Max. 8/0 or 4/4 (configurable)	5/1
Analog input/output	2/1	2/1	-	2/1
Communication	CANopen Modbus RTU	CANopen EtherCAT EtherNet/IP IO-Link Modbus RTU Modbus TCP POWERLINK PROFIBUS PROFINET	EtherCAT EtherNet/IP IO-Link Modbus TCP PROFINET	CANopen EtherCAT EtherNet/IP IO-Link Modbus RTU Modbus TCP PROFINET
				

## Servo inverters at a glance

**Our servo inverters are the specialists for motion control of one or more servo axes.**

	i750 cabinet	i950 cabinet
Design/Mounting	Cabinet	Cabinet
Degree of protection	IP20	IP20
Mains connection/ Power range	Single axis: 1.1 – 15 kW Double axis: 1.1 – 7.5 kW	0.37 – 110 kW
Market approvals	CE, UKCA, UL, CSA	CE, UKCA, UL, DOE, CCC
Digital input/output	3/2	4/1 I/O expansion modules available
Analog input/output	-	1/0
Communication	EtherCAT	EtherCAT Ethernet EtherNet/IP PROFINET Safety bus FS0E PROFIsafe safety bus on PROFINET Operation with safety PLC
		