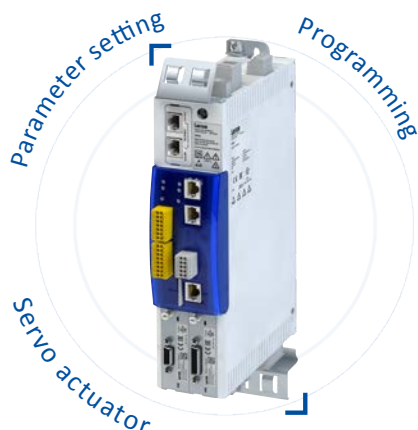


Flexible – FAST – Future-proof



With the i950, we are expanding our automation platform by adding a servo drive that integrates consistently and with absolute ease.

We are making many things a lot easier with the consistent continuation of FAST. This is because FAST can be used as an application in the i950 right away. The FAST Application Software Toolbox can be used both for applications with central intelligence (logic and motion in a central PLC) and for applications with decentral intelligence (logic in a central PLC and motion in a drive). Without any break in the software architecture occurring.



Highlights

- Use of cutting-edge information environments
- Intelligent communication
- Real-time data directly for cloud-based solutions
- Effectively reduce downtimes, maintenance and product changeover costs
- Power spectrum from 0.55 kW – 110 kW
- Modular interfaces for fieldbus and feedback
- PLCopen, IEC61131-3, CiA 402 and MQTT
- Very easy initial commissioning
- User-guided dialogs for commissioning
- Vertical shaft at the push of a button
- Operation of synchronous servo motors and asynchronous servo motors
- Integrated safety functions
- Single-cable technology (OCT)
- DC-bus connection with feed-in and feedback operation possible
- Power enhancement of the i700 in the Lenze controller-based system in the range from 22 – 110 kW

It's that easy to integrate the i950

Easy diagnostics

A standard Ethernet port enables convenient on-site diagnostics using a standard cable, as well as easy networking with existing remote maintenance structures.

Lenze system bus

An EtherCAT-based system bus is used to synchronise several axes at high speed.

The advantages are:

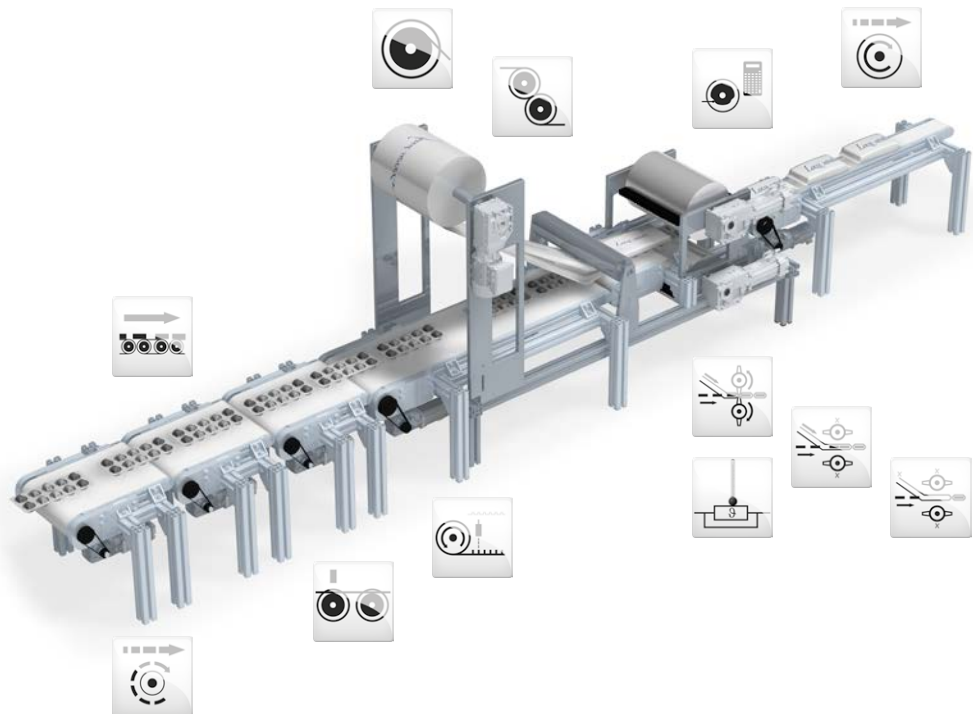
- Easy commissioning of the servo inverter using Plug & Play mechanisms
- Real-time data exchange between the inverters – for a perfect electrical shaft
- Easy diagnostics even with larger axis groupings

Easy implementation with FAST

The Lenze FAST technology guides the user through the configuration process in order to achieve the optimum result in the shortest possible time.

The following technology applications are available:

- Speed control (open loop)
- Table positioning
- Electronic gearbox
- Synchronism with mark correction
- Winder with dancer position control
- Winder with torque control
- CiA 402 Advanced (easy integration of the i950 with a third-party control system)



Technical data

	Rated power	Mains voltage range	Rated output current	Weight	Dimensions
	[kW]		[A]	[kg]	[mm]
i950-C0.55/400-3	0.55	3/PE AC 340 V ... 528 V 45 Hz ... 65 Hz	1.8	1.6	250 x 60 x 173
i950-C0.75/400-3	0.75		2.4		
i950-C2.2/400-3	2.2		5.6		
i950-C4/400-3	4		10		
i950-C7.5/400-3	7.5		16.5	3.9	276 x 120 x 173
i950-C11/400-3	11		23.5		
i950-C15/400-3	15		32		
i950-C22/400-3	22		47		
i950-C30/400-3	30		61	16.7	450 x 250 x 234
i950-C45/400-3	45		89	24	536 x 250 x 270
i950-C55/400-3	55		110		
i950-C75/400-3	75		150		
i950-C90/400-3	90		180		
i950-C110/400-3	110		212	35.6	685 x 258 x 304