Flexible – FAST – Future-proof

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

We have taken FAST to the next logical stage of development to make all kinds of things easier for you. You can carry on using FAST as an application in the i950 but, here, the FAST Application Software Toolbox can also be used as a drive-based motion solution – without any break in continuity between this and the controller-based approach.
In addition, the i950 extends the power of the i700 in our controller-based system in the range of 22 - 110 kW.

Features

- One platform, flexibly scalable:
  The i950 as a compact servo inverter for modular machine solutions right through to complex multi-axis systems.
- FAST applications, ready to use:
  The i950 has FAST "Inside": technology applications, easy to parameterize
- Future-proof and ready for I4.0:
  Thanks to open standards such as PLCopen, IEC61131-3, and CIA402, we enable a high rate of reusabilityCompact design: The i950 can be integrated into cabinets with a rating of 15 kW and a depth of 250 mm.

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 wave
- 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. FAST currently supports the ActualSpeed and TablePositioning applications. Others are to follow via software updates.

Automation in Systems: The boundaries between controller-based and drive-based automation are disappearing.

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 175
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	250 x 120 x 175
i950-C11/400-3	11		23.5		
i950-C15/400-3	15		32		
i950-C22/400-3	22		47	10.7	350 x 205 x 240
i950-C30/400-3	30		61	16.7	450 x 250 x 240
i950-C45/400-3	45		89		
i950-C55/400-3	55		110	24	540 x 250 x 270
i950-C75/400-3	75		150		
i950-C90/400-3	90		180	35.6	690 x 260 x 310
i950-C110/400-3	110		212		