



Lenze's New i500 Inverter Series

Lenze Modular i500 Frequency Inverters Bundle Leading Edge Control Technologies

Fully customizable frequency inverters give machine builders the features they need

Uxbridge, MA – September 29, 2015 -- [Lenze](#), a global manufacturer of electrical and mechanical drives, motion control and automation technology, announced today the launch of its new line of fully scalable [i500 frequency inverters](#).

The functions and power of the new range of i500 frequency inverters can be tailored to virtually any machine application and industrial environment. Compliant with efficiency class IE2, Lenze i500 inverters feature a slim design and peak energy efficiency in the 0.33 to 60 Hp (0.25 to 45 kW) power range.

“Lenze set out to bundle cutting edge control technologies into a customizable IE2-compliant package for machine builders,” according to Darrow Hanesian, director of product management, Lenze. “All of the i500 components are stringently designed for optimal energy efficiency, which boosts the value for machine builders by increasing power density while allowing for a smaller design.”

The compact, modular Lenze i500 frequency inverter features a lower housing depth along with a sophisticated cooling system to reduce heat losses and allow side-by-side installation with minimal wiring in a smaller control cabinet. Inverters for control cabinet installation feature IP20 and IP31-rated protection.



Delivering functional scalability and integrated safety, the Lenze i500 power section is structurally separate from the control unit, and contains different forms of field bus communication, including Ethernet, multiple I/O interfaces, and plug options for a keypad, a USB interface or a wireless LAN module. These interfaces provide users with greater flexibility and ease of commissioning, parameter setting, maintenance and diagnostics. The wireless LAN module can communicate with a PC or via a smart phone keypad application.

“Experience shows that each customer’s application is unique. Our new Lenze i500 frequency inverters are structured and built to give machine builders the ultimate in energy savings, integration and design flexibility to specify precisely the features they need,” adds Hanesian.

About Lenze Americas

Lenze is a global manufacturer of electrical and mechanical drives, motion control and automation technology. As a global specialist in Motion Centric Automation, we offer our customers products, drive solutions, complete automation systems, engineering services and tools from a single source. We are a leading provider of automation solutions to the packaging industry, and our other focus industries include automotive, material handling and logistics, robotics, and commercial pumps/fans. With a global network of engineers, sales representatives, and manufacturing facilities, Lenze is well-positioned to meet the motion control needs of customers worldwide. Lenze, the American subsidiary of Lenze SE of Germany, is headquartered in Uxbridge, MA, with an assembly and logistics center in Glendale Heights, IL. Corporate global headquarters are in Hamelin, Germany. Visit www.lenze.com for more information.

