

# Packaging solutions

Industrial drives and controls for packaging



**AC Variable Frequency Drives**  
**Electro-Mechanical Drives**  
**Servo Motors & Drives**  
visit [lenze-actech.com](http://lenze-actech.com)

**Lenze**  
**AC Tech**

# performance • ease of use • multiple options

## What counts

The robust Lenze-AC Tech motion management solutions for the packaging industry offer you what counts—all the options you need, unparalleled ease of use and proven performance.

## Making it happen

If your packaging application includes in-feed or constant-feed machines, labelers, fillers, wrappers or cartoners, the complete range of Lenze-AC Tech variable frequency drives (VFDs) and G-motion gear motor solutions offer you a very targeted, cost-effective and reliable answer. And the best part is, you won't need to compromise on performance to get a great value! Our components are innovative, easily available and realistically priced.

Are you looking for exceptionally precise drive control for inspection, camming, pick and place or palletizing applications? The Lenze-AC Tech line of highly advanced yet user-friendly servo solutions and G-motion gear motor solutions are the choice of demanding OEMs.

## Our successful applications include:

- **Case Packers**
- **Conveyer Systems**
- **Filling Machines**
- **Form/Fill/Seal Machines**
- **Inspection/Detection Machines**
- **Labeling Machines**
- **Palletizing**
- **Product Orienting**
- **Wrapping Machines**
- **Specialty Packaging Machines**





## AC Variable Frequency Drives—featuring the SMVector Series

### Advantages

Solution	Benefit
Easy-to-Use	Hassle-free installation and quick commissioning
Compact	Eliminates costly cabinet space
Low Cost	Vector performance for the price of V/Hz. NEMA4X performance for the price of NEMA I
Remote Keypad	Flexible installation; Capability to bury product
Multiple communication options	Global communication flexibility, plug and go
EPM	Duplicate or modify drive programming in minutes
UL, cUL, CE	Can ship machine anywhere
Optional disconnect switch available for NEMA 4X (ABS) models	Disconnect motor right at the machine for service and maintenance
Optional built-in EMC filter (NEMA 4X 230V 1-phase and NEMA 4X 400/480V 3-phase models)	Can ship machines to Europe without external filters—saves money

### Technical Specifications

Power	Up to 650 HP (30HP in SMV Series)
Input Voltages	120V, 208/240V, 400/480V, 600V
Enclosures	IP20, NEMA I (IP31), NEMA 12, NEMA 4X (IP65)
Communication Options	Modbus RTU, CANopen, DeviceNet, PROFIBUS-DP, EtherNet/IP, Modbus TCP/IP
Operation Modes	V/Hz through open-loop vector control
Innovative Portable Memory Module (EPM)	YES, industry leading technology



## Electro-Mechanical Drives—Featuring G-Motion

### Advantages

Solution	Benefit
Higher Torque, Compact Design	Greater performance in a smaller package
Modular Construction	Form, fit and function to meet multiple applications
Highly Efficient Design	Delivers low noise and reduced energy consumption
Numerous Input/Output Options	Eliminates custom-builds for electro-mechanical compatibility

### Technical Specifications

Power	Up to 11,800 Nm (8708 ft-lbs)
Gearmotor Types	Helical, shaft-mounted helical, bevel, helical-bevel, helical-worm, servo planetary gearboxes

# a complete line of packaging solutions



## Servo Motors and Drives—featuring PositionServo and MCS Motors

### Advantages

Solution	Benefit
Ethernet-based with MVOB	Software embedded inside the drive is there when you need it
Perfectly paired drive and servo motor	Eliminates timely set up and tuning
Multiple communication options	Global communication flexibility, plug and go
EPM	Duplicate or modify drive programming in minutes
EN954-I Safety Compliance Option	Eliminates the need to build separate and costly safety circuit

### Technical Specifications

Power	Up to 7.5 kW
Input Voltages	120V, 208/240V, 400/480V
Control Modes	Torque, velocity and position control
Communication Options	Standard on every drive: Modbus TCP/IP and EtherNet/IP Optional: Modbus RTU, CANopen, DeviceNet and PROFIBUS-DP
Innovative Portable Memory Module (EPM)	YES, industry leading technology



## Machine Automation—featuring L-Force

### Advantages

Solution	Benefit
MotionBus Solution	All motion control components can work in real-time environments
Modular Components	Click-n-go components make installation and service a snap
Multiple Communication Options	Versatility, works in any manufacturing environment

### Technical Specifications

Power	Up to 350kW
Input Voltages	80-480VAC
Safety Compliance	Meets category 3 and 4 EN954-I safety standard
Communication	Real-time Ethernet, DeviceNet, CANopen, PROFIBUS, EtherCAT, Powerlink, ProfiNet

# Packaging is a challenging application. How do we make sure that we continue to provide you with the best solutions for motion management? **We give you options...**



## Best-in-Class Components

Get top performance and outstanding support at a great price. Lenze-AC Tech offers you the best value, the broadest product range and unparalleled availability and service.

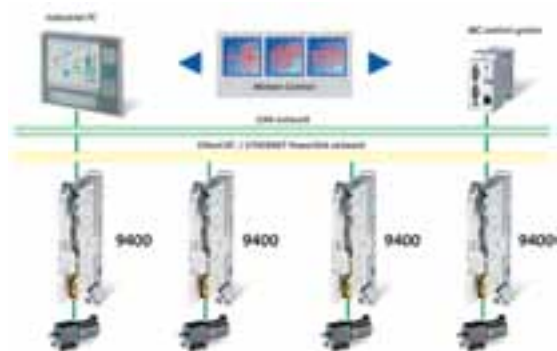
We have the most comprehensive line of VFDs in the industry; innovative, user-friendly servo drives and motors; the highest quality servo motors and gear motors; as well as electromagnetic and spring-applied clutches and brakes.

## Smart Bundled Solutions

Drive Systems Solved! Combine Lenze-AC Tech drives with Lenze-AC Tech motors and gear motors and you're ensured optimum performance with no worries.

## Levels of Performance

- VFD with Asynchronous Motor
- Servo Drive with Asynchronous Motor
- Servo Drive with Synchronous Motor



## Complete, Cutting-Edge Automation Systems

For more complex applications, we have automation systems that provide the perfect answer. L-force manages all drive and automation functions, from one central location.

When you need a true system solution, our engineers will partner with you, every step of the way!

# Worldwide Coverage | We're everywhere you are



*Positioning our Customers for Success. We take our Customer's requirements seriously. A new application is an opportunity to test, prove and expand our drive's capabilities while solving our Customer's motion control needs."*

*Customer Service has always been and will always be our number one commitment. Our success depends on it.*



*Driving design technology forward means we never stop thinking about process improvements. Did we deliver a quality product to market that meets the Customer's needs? That is the key.*



*Innovation takes art and skill to combine what's new and what's proven to produce a product with exceptional form, fit and function.*

**Industrial Drives and Controls...That's All We Do!**



**A Global Drives Company**

[www.lenze-actech.com](http://www.lenze-actech.com)

1-800-217-9100

1-508-278-9100

+44 (0) 1743 464309