



# Next-generation servo performance powered by EnDat 3

**Smaller machines. Faster response. Maximum reliability.**

Nidec Drives servo solutions integrate advanced EnDat 3 encoder technology to help manufacturers push performance to new levels. With ultra-fast communication speeds and a rugged 2-wire single-cable system, our servo packages deliver superior diagnostics, outstanding reliability, and a dramatically reduced machine footprint.

## Effortless set up

Our servo packages support electronic nameplate data for effortless configuration, which can be quickly optimised using our intuitive Connect commissioning software, streamlining the entire setup process.

## Smaller footprint, lower costs

The 2-wire interface reduces cable bulk and installation complexity, saving space and cost in both machine and control cabinet design.

## Advanced diagnostics for predictive maintenance

EnDat 3 enables real-time monitoring of:

- Vibration
- Temperature
- Encoder health

This supports predictive maintenance strategies, maximising uptime and operational efficiency.

## Key benefits:

- Simplified wiring and installation
- Faster commissioning
- Reduced panel and cabinet size
- Fewer wiring errors
- Enhanced system diagnostics

## Optimised EnDat 3 servo packages

Our EnDat 3-ready solution includes:

- **Drives:** Digitax HD & Unidrive M700
- **Motors:** Unimotor hd series
- **Cabling:** Compact 2-wire cables
- **Adaptors:** For seamless integration



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