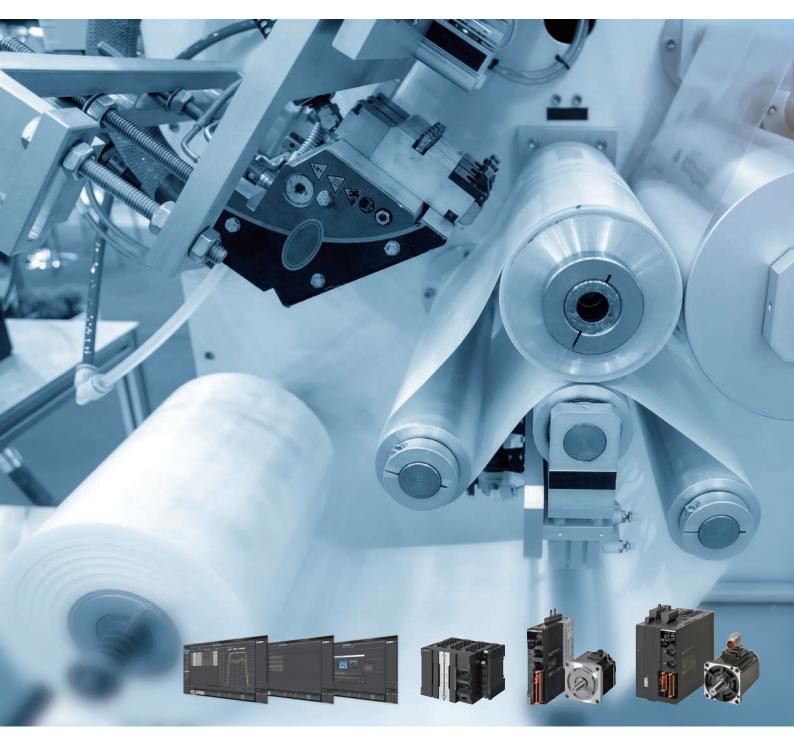
AC Servo System 1S Series/1S Series with Safety Functionality

## OMRON

# High performance multi-axis motion by simplified setup





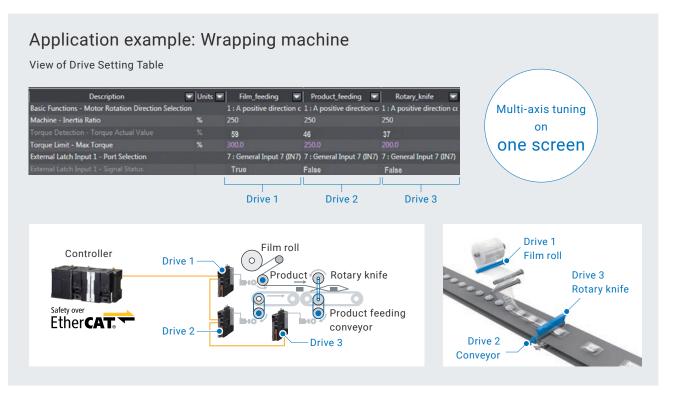


## Quick and easy multi-axis setup and tuning

#### Multi-drive setup and monitoring in a single view

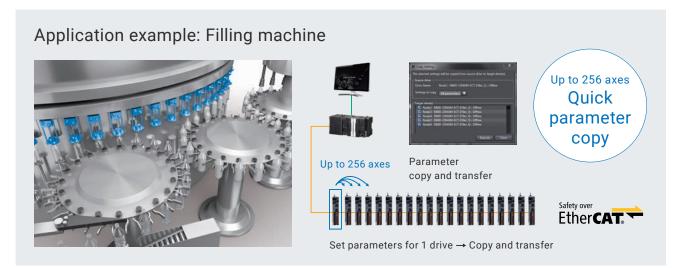
Previously, each drive in the machine was configured and monitored with separated configuration windows. Many operations were required to adjust and monitor parameters.

The Drive Setting Table in the Sysmac Studio provides a single view for configuring and monitoring multiple drives.



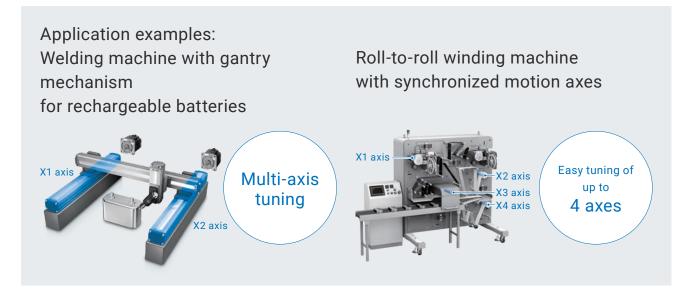
#### Easy parameter copy and transfer

For a machine with a large number of axes, the user previously needed to modify parameters manually for each drive, requiring a long time. The Sysmac Studio allows the user to first configure one drive in the machine and then configure all other similar drives in a few seconds just by copying and transferring same parameters.



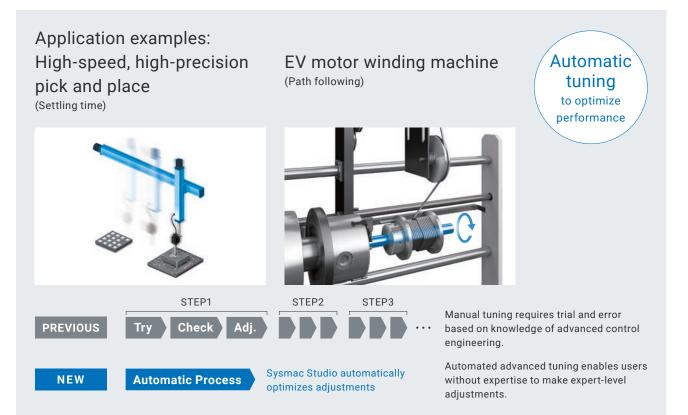
### Multi-axis gain tuning

Tuning for a mechanism with mechanically fixed axes is difficult without disassembling the machine because the machine can be damaged. With the multi-axis tuning wizard of the Sysmac Studio, load inertia of the assembled machine can be estimated, facilitating tuning.



#### Automated advanced tuning for high-precision adjustment

Based on the frequency characteristics of a machine, advanced tuning optimizes reliable, high-precision machine performance in a short period of time.



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• Refer to the 1S Series Catalog (Cat. No. 1821) and the 1S Series with Safety Functionality Catalog (Cat. No. 1838) for details of AC servo systems. • Before you place an order, please read and understand "Agreement for Using the Product" available on Omron's website.

Note: Do not use this document to operate the Unit.

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