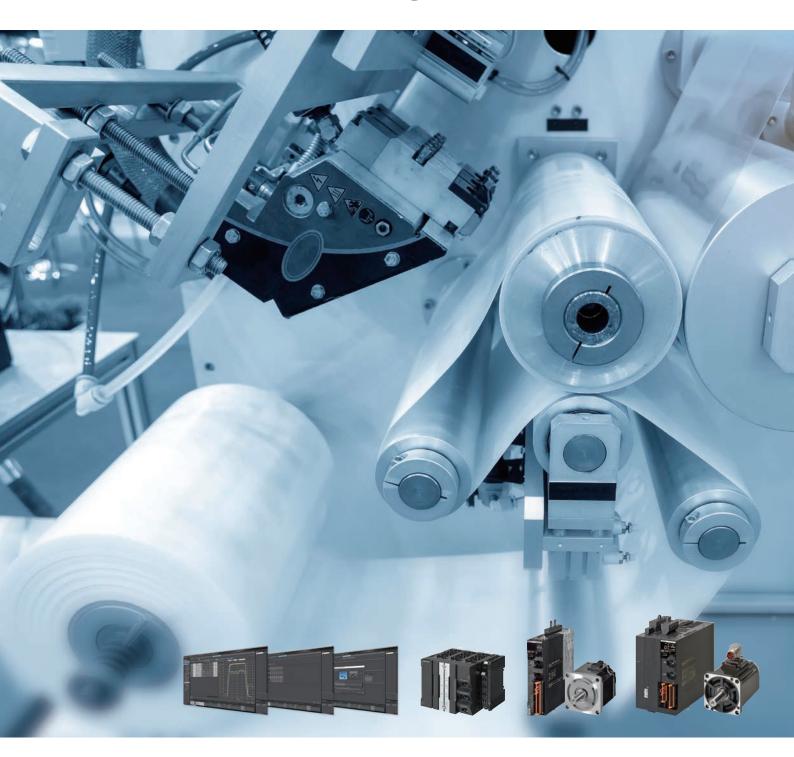


# Optimize tuning for multiple fixed axes and reduce design time





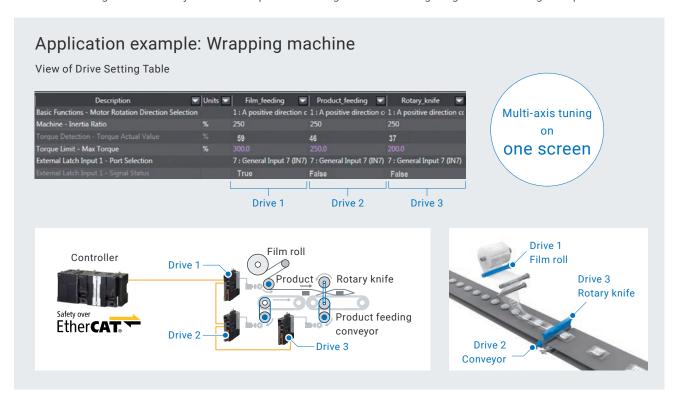


# Quick and easy multi-axis setup and tuning

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

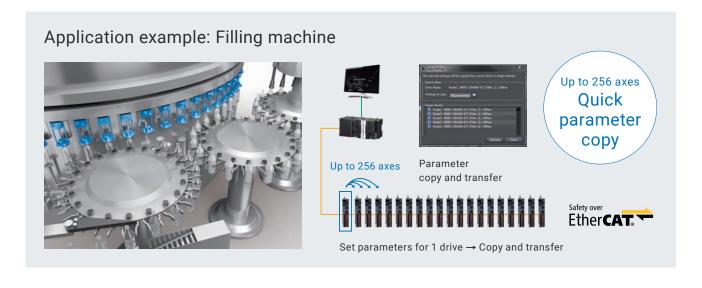
Previously, each drive in the machine was configured and monitored with separated configuration windows. Many operations were required to adjust and monitor parameters.

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



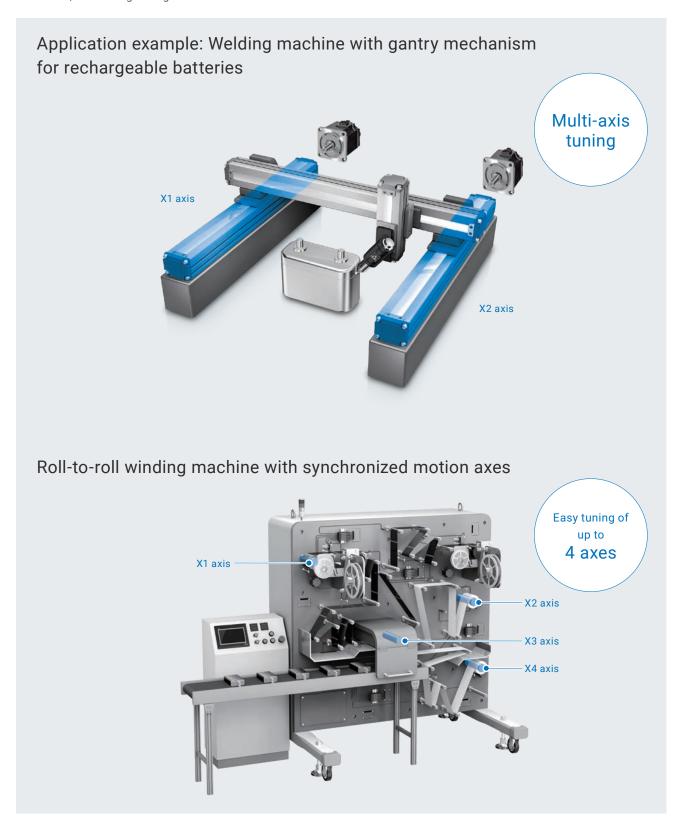
# Easy parameter copy and transfer

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.



- Sysmac is a trademark or registered trademark of OMRON Corporation in Japan and other countries for OMRON factory automation products.
  EtherCAT® and Safety over EtherCAT® are registered trademarks and patented technologies, licensed by Beckhoff Automation GmbH, Germany.
- Other company names and product names in this document are the trademarks or registered trademarks of their respective companies.
- The product photographs and figures that are used in this catalog may vary somewhat from the actual products. • Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation.
- Images used under license from Shutterstock.com.
- 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.

### **OMRON Corporation** Industrial Automation Company

Kyoto, JAPAN Contact: www.ia.omron.com

### Regional Headquarters

### OMRON EUROPE B.V.

Wegalaan 67-69, 2132 JD Hoofddorp The Netherlands Tel: (31) 2356-81-300 Fax: (31) 2356-81-388

### OMRON ASIA PACIFIC PTE. LTD.

438B Alexandra Road, #08-01/02 Alexandra Technopark, Singapore 119968 Tel: (65) 6835-3011 Fax: (65) 6835-2711

### OMRON ELECTRONICS LLC

2895 Greenspoint Parkway, Suite 200 Hoffman Estates, IL 60169 U.S.A. Tel: (1) 847-843-7900 Fax: (1) 847-843-7787

### OMRON (CHINA) CO., LTD.

Room 2211, Bank of China Tower, 200 Yin Cheng Zhong Road, PuDong New Area, Shanghai, 200120, China Tel: (86) 21-6023-0333 Fax: (86) 21-5037-2388

### **Authorized Distributor:**

©OMRON Corporation 2017-2023 All Rights Reserved. In the interest of product improvement, specifications are subject to change without notice.

CSM\_1\_1

Cat. No. 1826-E1-02 0323 (0317)