

# Basic Performance for Improved Productivity

## ◆ Features

### Motion Module RD78G(H)

Controls up to 256 axes of servo amplifiers. Supports a variety of devices and provides a wide selection of motion controls (positioning, synchronization, and cams).

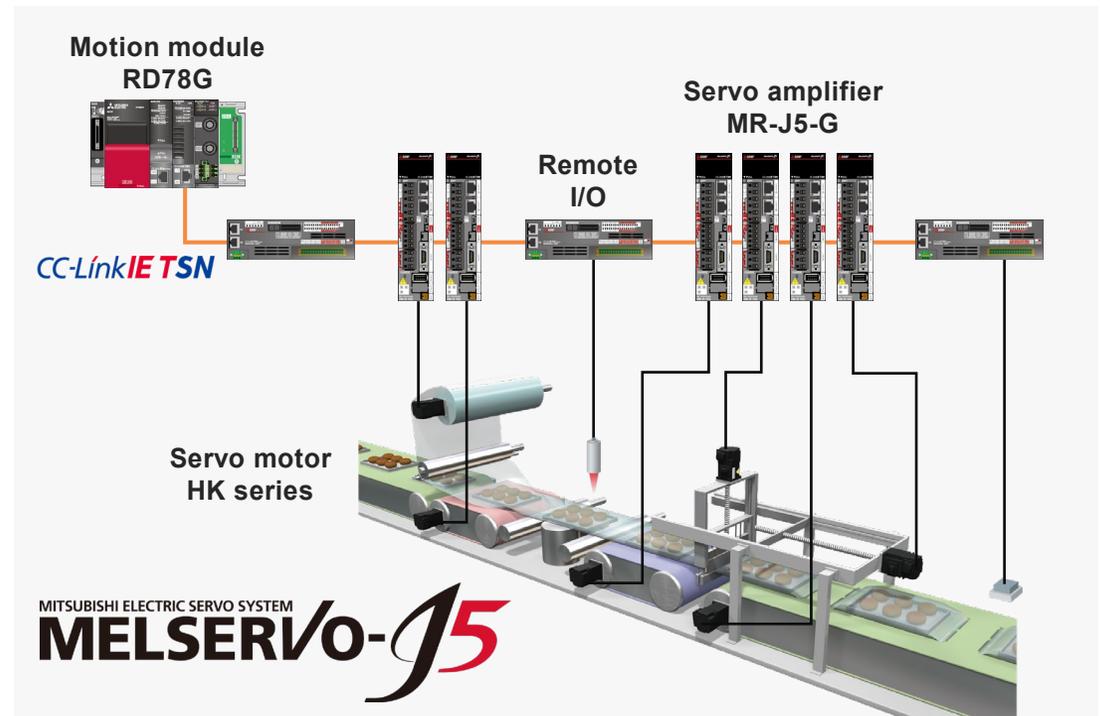
### Servo Amplifier MR-J5-G

Supports CC-Link IE TSN, a high-speed and high-capacity communication. A speed frequency response of 3.5 kHz enables high-speed and high-precision motion control.

### Rotary Servo Motor HK Series

A maximum speed of 6700 r/min and a resolution of 26-bit contribute to higher speed and precision of machines.

## ◆ Diagram



# Extensive Product Lines Supporting System Needs

◆ Features

## Motion Control Software SWM-G

Up to 128 axes can be controlled only with the software. High-precision motion control is enabled just by installing the software on an industrial personal computer.

## Drive Unit MR-J5D-G4

Combined with a power regeneration converter unit, the drive units save energy and space, and reduce wiring. The multi-axis drive units save space and reduce wiring further.

## Ultra-Low Inertia Servo Motor HK-MT/HK-RT

Features high power rate, which shortens the cycle time of an ultra-high-throughput material handling system. High-speed type (maximum speed of 10000 r/min) is available (HK-MT\_VW).

◆ Diagram



# Comprehensive Diagnostic Functions Increasing Machine Capacity

## ◆ Features

### Machine Diagnosis Detecting Signs of Machine Failure



Detects aging deterioration of mechanical drive components using AI technology. Maintenance notification improves productivity of entire production lines.

### Drive AI Diagnosis Detecting Machine Error



Detects unusual operations using AI technology. Detects signs of error even on a system difficult to predict failure using threshold value processing.

### Recorded Status Before and After Failure Helping to Locate the Cause

The operation status of the Motion module and the servo amplifiers before and after an error can be recorded, which helps you locate the error cause.

## ◆ Diagram

