YASKAWA

PARTNER SUPPORT

Shared Integration Experience

This document captures ideas, experiences, and informal recommendations from the Yaskawa Partner Support team. It is meant to augment – not supersede manuals or documentation from motoman.com. Please contact the Partner Support team at partnersupport@motoman.com for updates or clarification.

How to Download and Use a Premade Simulation from Motoman

Introduction:

Yaskawa Motoman Robotics provides a download site to all customers of premade simulations. Below are instructions to download and use these simulations.

Where to Find the Download Page

1. Go to www.motoman.com
2. Select Products
3. Select Software
4. On the right side of the page select **Model Library**

Motoman Robot Software

From robot controller software that ensures your solutions are expertly developed and operate efficiently, to software that manages, monitors and help investment, Yaskawa has what you need. Our suite of specialty software packages and tools helps you to easily oversee, diagnose and fix the various Yaskawa Motoman robot system.

Maintenance Tools

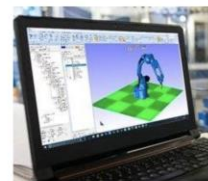Keep your robots in top operating shape with troubleshooting, maintenance and calibration tools.

• RobotPro - Web Edition

• MotoCalV-EG

Visualization and Monitoring

Tools that present the health, status and performance of your devices to identify how your factory is running.

• Yaskawa Cockpit

• Robot Manager

Robotic Simulation

Offline programming and tools that help model a solution before it is implemented.

• MotoSim Software

• Model Library

5. Or simply save this link: https://www.motoman.com/en-us/products/software/simulation/motosim-eg-vrc-model-library

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Why Do I need to Fill out This Form?

For marketing purposes all customers will see this form appear before they can get to the Model Library page.

Please complete the form below to access the media download area.

First Name:*

Last Name:*

Company:*

Company Email:*

Country:*

| USA | ⌄ |

State/Region:

| (Select a state) | ⌄ |

Documentation Need:

| (Please select) | ⌄ |

Job Role:

| (Please select) | ⌄ |

☐ Are You A Current Yaskawa Motoman Customer?

Terms of Use *

○ I Agree to the Terms of Use

Enter

Simply fill in the fields and you will be given a two-week use until this form appears again.

The Model Library Page

The library page contains links to premade simulations and individual components that be used in MotoSim.

YRC1000 Systems

AW50-52-52(S)
- AW50 and AW52 Systems with AR1440 and Single Table (AW50) or Dual Table (AW52)
- AW50S and AW52S Systems with AR1440 and Single MHT185 (AW50S) or Dual MHT185 (AW52S)

AW200-500
- ArcWorld 200 System with AR1440 robot
- ArcWorld 500 System with AR1440 robot

AW1x00
- ArcWorld 1000 System with AR1440 robot and 60 inch MSR355 Positioner
- ArcWorld 1200 System with 2 AR1440 robots and 60 inch MSR355 Positioner

AW6x00-755-RDR
- ArcWorld 6000-755-RDR, 2 Meter Tooling Pin to Pin distance with AR1440 robot
- ArcWorld 6000-755-RDR, 755 kg positioner, 3 Meter Tooling Pin to Pin distance with AR1440 robot
- ArcWorld 6000-755-RDR, 755 kg positioner, 2 Meter Tooling Pin to Pin distance with AR2010 robot
- ArcWorld 6000-755-RDR, 755 kg positioner, 3 Meter Tooling Pin to Pin distance with AR2010 robot
- ArcWorld 6200-755-RDR, 755 kg positioner, 2 Meter Tooling Pin to Pin distance with AR2010 robot
- ArcWorld 6200-755-RDR, 755 kg positioner, 3 Meter Tooling Pin to Pin distance with 2 AR1440 robots
- ArcWorld 6200-755-RDR, 755 kg positioner, 2 Meter Tooling Pin to Pin distance with 2 AR2010 robots
- ArcWorld 6200-755-RDR, 755 kg positioner, 3 Meter Tooling Pin to Pin distance with 2 AR2010 robots
- ArcWorld 6300-755-RDR, 755 kg positioner, 3 Meter Tooling Pin to Pin distance with 3 AR1440 robots
- ArcWorld 6300-755-RDR, 755 kg positioner, 3 Meter Tooling Pin to Pin distance with 3 AR2010 robots

AW6x00-1255
- ArcWorld 6200-1255, 1255 kg positioner, 3 Meter Tooling Pin to Pin distance with AR1440 robot
- ArcWorld 6200-1255RH, 1255 kg positioner, 3 Meter Tooling Pin to Pin distance with AR1440 robot

AW6x00-750
- ArcWorld 6000-750, 750 kg positioner, 2 Meter Tooling Pin to Pin distance with AR1440 robot
- ArcWorld 6000-750, 750 kg positioner, 2 Meter Tooling Pin to Pin distance with AR2010 robot

Simply select an item to download and save the .zip file to your hard drive.

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Notes on limitations of simulation and customer responsibilities

A premade ArcWorld simulation is a complete sim, minus a few details

1. The torch will be generic or not added.
2. The customer is responsible for supplying the actual torch by contacting the torch manufacturer for a CAD model.
3. The primary components the customer is responsible for, besides the torch, is the fixture and part.