

READ FIRST!!

Human Collaborative Robot (HC10)

WELCOME...

...to the Yaskawa Motoman family of robotics. We take pride in the work we do and would like to take this opportunity to thank you for your business. This READ FIRST!! provides you important information concerning your new Motoman® robotic system. Please review all the information contained here, with the Controller Manual Assembly and the HC10 Manual Assembly before installing or operating your system.

We continually strive to provide the highest quality systems and service available. If you have any questions or comments, please call us. We appreciate your business and want Yaskawa to continue to be the best solution for your automation needs.

CUSTOMER SERVICE INFORMATION

If needing technical assistance, contact the Yaskawa service staff at 937.847.3200. Please have the following information ready before calling.

- Robot type: (HC10)
- Application type: (*handling, etc.*)
- Software version: (*access using MAIN MENU, SYSTEM INFO, VERSION on programming pendant*)
- Robot serial number (*located on the back side of robot arm*)
- Robot sales order number (*located on front of the controller*)

PERFORM CONTACT FORCE VALIDATION

⚠WARNING

- The user is to perform contact force validation per ISO TS15066.

Contact force can vary due to the surface area, speed, mass, and arm posture which may result in serious injury. Contact force validation shall be performed to ensure the application meets the requirements found in ISO TS15066.

NATIONAL SAFETY STANDARD INFORMATION

We suggest obtaining and reviewing a copy of the ANSI/RIA National Safety Standard for Industrial Robots and Robot Systems (ANSI/RIA R15.06-2012). This document is obtainable from the Robotic Industries Association (RIA) at:

Robotic Industries Association
900 Victors Way
P.O. Box 3724
Ann Arbor, Michigan 48106
TEL: (734) 994-6088
FAX: (734) 994-3338
www.roboticsonline.com

Ultimately, well-trained personnel are the best safeguard against accidents and damage that can result from improper operation of the equipment. The customer is responsible for providing adequately trained personnel to operate, program, and maintain the equipment. **NEVER ALLOW UNTRAINED PERSONNEL TO OPERATE, PROGRAM, OR REPAIR THE EQUIPMENT!**

We recommend approved YASKAWA training courses for all personnel involved with the operation, programming, or repair of the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Yaskawa America, Inc.
Motoman Robotics Division
100 Automation Way
Miamisburg, OH 45342
TEL: 937.847.6200
FAX: 937.847.6277
24-HOURS HOTLINE: 937.847.3200
www.motoman.com