

FANUC M-420iA



The FANUC M-420iA industrial robot is designed for a variety of high-speed manufacturing applications including packaging, palletizing, material handling, machine load/unload, and parts transfer. With its 4 axes of motion and a 40 kg payload, the M420iA R-J3iB is an excellent palletizing robotics system, and moves with speed and accuracy. The four-axis dexterity of the M-420iA allows access to multiples packaging lines with one unit.

The M-420iA food version is IP65 rated for wipe down and low pressure rinse with water and sanitizes. This M-420iA version has additional features designed to meet the requirements of the food industry. The grease used internally is food grade and the cables are enclosed to reduce maintenance requirements. Suited for secondary (packaged) food products, the robot arm is designed to prevent moisture retention, bacteria growth, and rust.

For more information about the FANUC M-420iA,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:.....4
Payload:.....40 kg
H-Reach:.....1855 mm
Repeatability: ±0.5 mm
Robot Mass: 620 kg
Structure: Vertically Articulated
Mounting: Floor

Robot Motion Speed

J1..... 180°/s (3.14 rad/s)
J2..... 200°/s (3.49 rad/s)
J3..... 200°/s (3.49 rad/s)
J4..... 350°/s (6.11 rad/s)

Robot Motion Range

J1..... ±160°
J2..... +80° - 35°
J3..... +10° - 100°
J4..... ±270°

Robot Controllers

R-J3iB >

Robot Applications

Machine Loading >

Packaging >

Palletizing >