

FANUC M-430iA/2F



The FANUC M430iA/2F robot is the world's first and only robot with USDA acceptance. It has a clean design and smooth surface finish with no particle retention areas and resists bacteria growth and rust. This has earned it an IP67 rating. This 5-axis articulated arm can be used for both primary and secondary food handling, as well as a host of other handling applications. It features food-grade grease and USDA-certifiable parts - and a body that can withstand food washdown.

The M430iA/2F is capable of 120 cycles per minute at 1 kg and 100 cycles per minute at 2 kg. Repeatability is an impressive 0.5 mm at all speeds throughout the entire work envelope. This arm can be integrated with a vision system for advanced applications or it can be programmed through the innovative FANUC iPendant.

For more information about the FANUC M-430iA/2F, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **5**
 Payload:..... **2 kg**
 H-Reach:..... **1130 mm**
 Repeatability: **±0.5 mm**
 Robot Mass: **55 kg**
 Structure: **Articulated**
 Mounting: **Floor, Inverted, Angle**

Robot Motion Speed

J1..... **300°/s (5.24 rad/s)**
 J2..... **320°/s (5.59 rad/s)**
 J3..... **320°/s (5.59 rad/s)**
 J4..... **360°/s (6.28 rad/s)**
 J5..... **1200°/s (20.94 rad/s)**

Robot Motion Range

J1..... **±360°**
 J2..... **±230°**
 J3..... **±400°**
 J4..... **±300°**
 J5..... **±540°**

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Robot Applications

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Pick and Place >