



PERFECT FINISH – PAINTED BY THE SPECIALIST.

Fanuc Robot M-710iC/20L

for the automatic window painting with ROWINCO system



Function Description

The M-710iC/20L is a six-axis, modular constructed, electric servo-driven robot designed for a variety of industrial applications. Based on his simple and reliable construction delivers the M-710iC/20L highly movement control and constant performance on high productivity standard.

The R-30iA control and the simply to be used PaintTool application software offer exact and constant axis performance.

The innovative M-710iC robot has been designed for highest productivity under rough working conditions and narrow rooms.

By the combination of a long range (3.11 m) and a precise mechanics arm the robot is excellently suitable for spraying application.

Main components and features

- The size of the wrist was reduced around up to 19% which makes it possible to reach by even smaller openings into the workroom for the robot.
- Repeatability of ± 0.15 mm at full speed and full load within the complete workroom.
- Special pneumatic and electric connections at the axis A3 (with each eight digital in- and outputs).
- Teach Pendant with big LCD screen and ergonomic design offers intuitive process control
- 20kg load on flange plate
- Without changes of the mechanical unit are diverse assembly positions possible including floor, ceiling, wall or angle assembly.
- RV axis reducing gear with integrated bearing offers rigidity and performance in a compact packet.

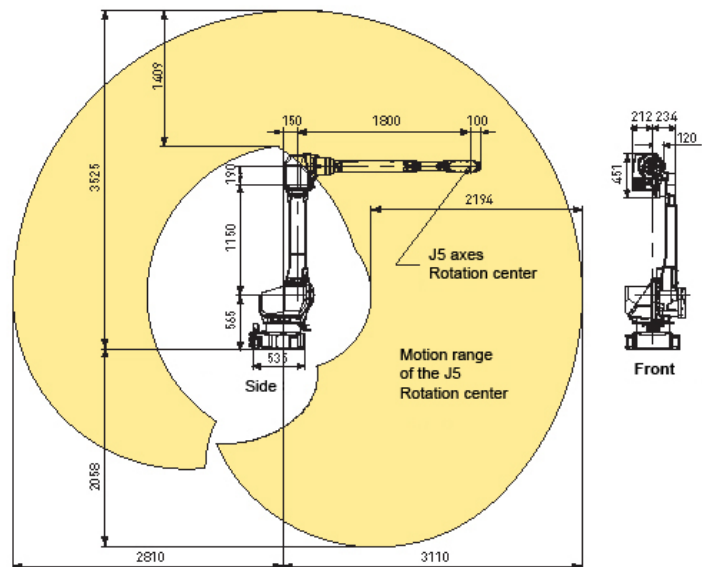
Technical Data

Fanuc Robot M-710iC/20L

Maximum load: 20 kg
 Repeatability: +/- 0.15 mm
 No. of axes: 6
 Maximum reach: 3.110 mm
 Weight (mechanical): 540 kg

Motion speed:
 A1: 175°/sec
 A2: 175°/sec
 A3: 180°/sec
 A4: 350°/sec
 A5: 360°/sec
 A6: 600°/sec

Motion range:
 A1: 360°
 A2: 225°
 A3: 432°
 A4: 400°
 A5: 280°
 A6: 900°



Features

- Highest movement speeds in his class for maximum performance and productivity
- Default fault safe brakes at all 6 axes increase safety, functionality and control
- Compact design of the servomotors minimizes disturbing contours and simplifies the installation of this robot system
- Extremely fast wrist axes reduce side times, what increases the throughput
- Sealed bearings and brushless AC servomotors offer protection and increase the reliability