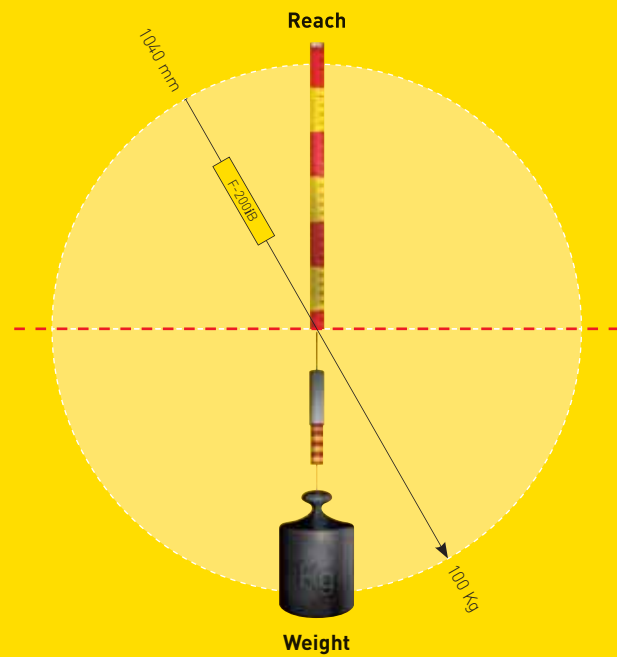


	Robot model	Controller	Controlled axes	Max. load capacity at wrist [kg]	Repeatability [mm]	Mechanical weight [kg]	Reach [mm]	Motion range [°]						Maximum speed [°/s]						J4 Moment [Nm]/ Inertia [kgm ²]	J5 Moment [Nm]/ Inertia [kgm ²]	J6 Moment [Nm]/ Inertia [kgm ²]	IP Rating
								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6				
F-200iB	F-200iB	R-30iA	6	100	± 0.1	190	1040	pitch, yaw and roll vary depending upon the position of the faceplate within the envelope						horizontal: 1500 mm/s vertical: 300 mm/s						588/36 ⁽¹⁾	—	—	IP54

1) At faceplate



THE F-200iB IS A SIX DEGREES OF FREEDOM SERVO-DRIVEN PARALLEL LINK ROBOT DESIGNED FOR USE IN A VARIETY OF MANUFACTURING AND AUTOMOTIVE ASSEMBLY PROCESSES. THE F-200iB IS ENGINEERED FOR APPLICATIONS REQUIRING EXTREME RIGIDITY AND EXCEPTIONAL REPEATABILITY IN A COMPACT, POWERFUL PACKAGE.

» FEATURES AND BENEFITS

F-200iB, the Solution for:

- Sub-compact robot welding
- Pedestal welding
- Part loading / positioning
- Nut running
- Vehicle lift and locate
- Flexible / convertible fixturing
- Material Removal
- Dispense

UNIQUE HEXAPOD DESIGN

- Very rigid system for force applications such as machining, deburring, cutting...
- Flexible fixture solution for applications such as handling parts for fixed spot welding
- Enhanced security, as its small size and hexapod form prevent workers being seriously hurt when staying near the robot.

PROGRAMMABLE TOOLING LOCATION POSITION

- The robot can provide flexible tooling location position for accurate location of car bodies and parts.

SMALL COMPACT UNIT

- Optimised use of floor space

FLOOR OR CEILING MOUNT

- Robot can be mounted on the floor and on the ceiling.

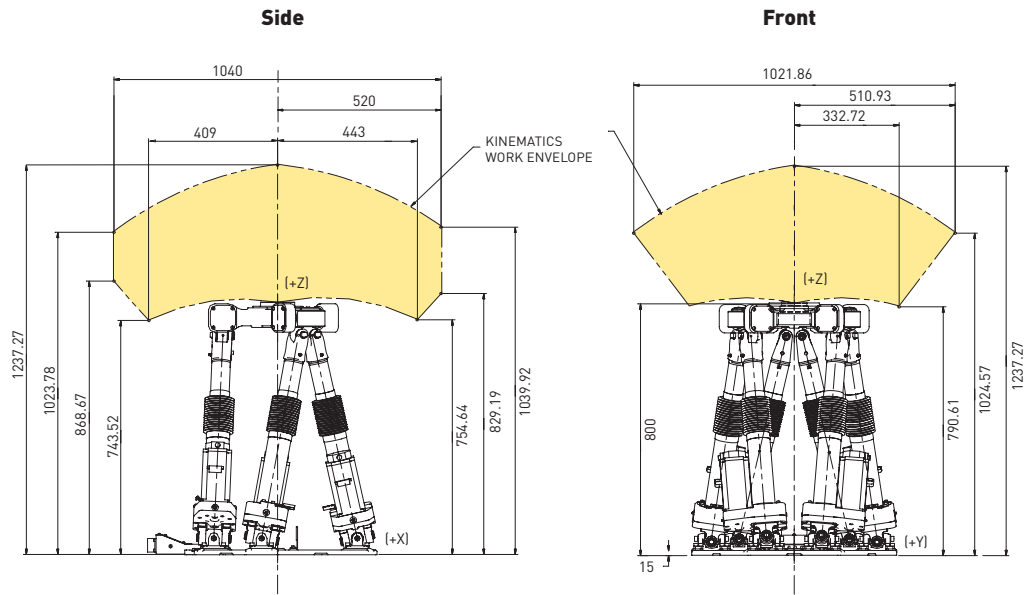
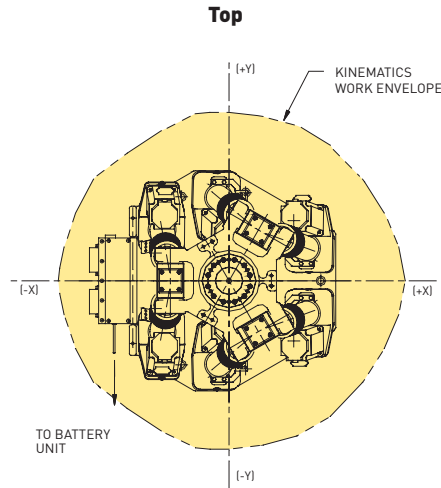
MINIMAL MAINTENANCE REQUIREMENTS

Fewer mechanical components:

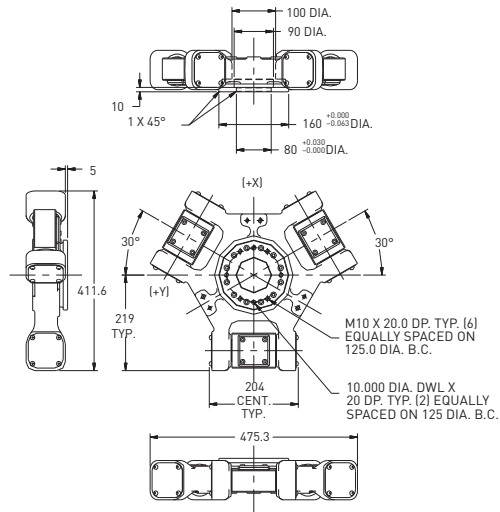
- Minimal spare parts holding
- Reduced down time due to faster and easier parts replacement
- MTTR (Mean Time To Repair) < 30 min
- 1 year service requirement
- FANUC Robots do not require any special battery, commercial batteries can be used decreasing maintenance costs for the customer.



F-200iB



Faceplate (ISO Flange)



Baseplate

