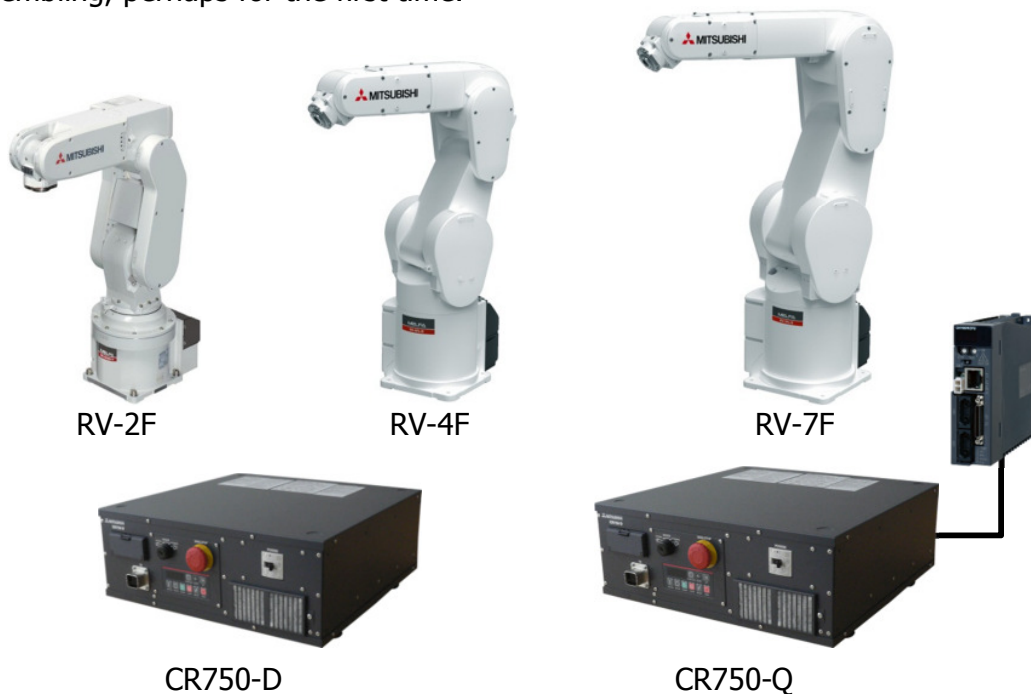


Product Introduction of RV-F Series

Firstly we would like to extend our appreciation for your continuous support in selling our Robot products. We are happy to announce the release of the F Series Vertical type robots. With the new F series of the RV range of MELFA robots, Mitsubishi Electric will set new benchmark standards for speed, flexibility, ease of integration and simplicity of programming. Combining a wide area of coverage with the industry's fastest cycle times, the F series provides a cost-effective means to boost productivity on critical production lines. In addition, with the inclusion of a low-cost entry-level model - the RV-2F - Mitsubishi Electric will make it possible for many users to reap the benefits of robotic lifting, positioning and assembling, perhaps for the first time.



■ Features

- Due to compact body and slim arm design, the load capacity could be increased and the operating area could be expanded
- Low-cost-entry model with 2kg payload is available
- Robot arms are available with IP67 protection
- 12"-Test (Pick&Place-Cycle) in 0.32 seconds for RV-7F-> Fastest motion in the class
- Optional complete internal wiring carrying out through the hand to prevent interference with cables
- Ethernet, USB, Tracking, Camera Connection, Additional-Axis-Connection as standard
- Anti-collision function for iQ Platform type robots to prevent automatically collision between robots which are working close together
- Cooperative robots as standard function on iQ Platform type robots

■ Programming

- From RT Toolbox2 Version 2.30G the RV-2F/RV-4F/RV-7F are supported

■ Manuals

- Available on Mitsubishi Electric homepage for download

■ Order information

Robots	Art. No.	Article description	A/B/C
RV-2FB-D1-S15	255211	Industrial Robot RV-2F-D 6-axis; $\pm 0,02$ mm; 2kg; 504mm; IP30; incl. CR750	A
RV-2F-D1-S16	255212	Industrial Robot RV-2F-D 6-axis; $\pm 0,02$ mm; 2kg; 504mm; IP30; incl. CR750;no brake	B
RV-2FB-Q1-S15	255213	Industrial Robot RV-2F-Q 6-axis; $\pm 0,02$ mm; 2kg; 504mm; IP30; incl. CR750	A
RV-2F-Q1-S16	255214	Industrial Robot RV-2F-Q 6-axis; $\pm 0,02$ mm; 2kg; 504mm; IP30; incl. CR750;no brake	B
RV-4F-D1-S15	255265	Industrial Robot RV-4F-D 6-axis; $\pm 0,02$ mm; 4kg; 515mm; IP40; incl. CR750	C
RV-4FL-D1-S15	255266	Industrial Robot RV-4F-D 6-axis; $\pm 0,02$ mm; 4kg; 649mm; IP40; incl. CR750	C
RV-4FM-D1-S15	255267	Industrial Robot RV-4F-D 6-axis; $\pm 0,02$ mm; 4kg; 515mm; IP67; incl. CR750	B
RV-4FLM-D1-S15	255268	Industrial Robot RV-4F-D 6-axis; $\pm 0,02$ mm; 4kg; 649mm; IP67; incl. CR750	A
RV-4F-Q1-S15	255269	Industrial Robot RV-4F-Q 6-axis; $\pm 0,02$ mm; 4kg; 515mm; IP40; incl. CR750	C
RV-4FL-Q1-S15	255270	Industrial Robot RV-4F-Q 6-axis; $\pm 0,02$ mm; 4kg; 649mm; IP40; incl. CR750	C
RV-4FM-Q1-S15	255271	Industrial Robot RV-4F-Q 6-axis; $\pm 0,02$ mm; 4kg; 515mm; IP67; incl. CR750	B
RV-4FLM-Q1-S15	255272	Industrial Robot RV-4F-Q 6-axis; $\pm 0,02$ mm; 4kg; 649mm; IP67; incl. CR750	A
RV-7F-D1-S15	255273	Industrial Robot RV-7F-D 6-axis; $\pm 0,02$ mm; 7kg; 713mm; IP40; incl. CR750	C
RV-7FL-D1-S15	255274	Industrial Robot RV-7F-D 6-axis; $\pm 0,02$ mm; 7kg; 908mm; IP40; incl. CR750	C
RV-7FM-D1-S15	255275	Industrial Robot RV-7F-D 6-axis; $\pm 0,02$ mm; 7kg; 713mm; IP67; incl. CR750	A
RV-7FLM-D1-S15	255276	Industrial Robot RV-7F-D 6-axis; $\pm 0,02$ mm; 7kg; 908mm; IP67; incl. CR750	A
RV-7F-Q1-S15	255277	Industrial Robot RV-7F-Q 6-axis; $\pm 0,02$ mm; 7kg; 713mm; IP40; incl. CR750	C
RV-7FL-Q1-S15	255278	Industrial Robot RV-7F-Q 6-axis; $\pm 0,02$ mm; 7kg; 908mm; IP40; incl. CR750	C
RV-7FM-Q1-S15	255279	Industrial Robot RV-7F-Q 6-axis; $\pm 0,02$ mm; 7kg; 713mm; IP67; incl. CR750	A
RV-7FLM-Q1-S15	255280	Industrial Robot RV-7F-Q 6-axis; $\pm 0,02$ mm; 7kg; 908mm; IP67; incl. CR750	A
Options			
1F-GR35S-02	255285	RV-4F/RV-7F Hand output cable	A
1F-HC35S-02	255286	RV-4F/RV-7F Hand input cable	A
1F-VD01E-02	255281	RV-F Pneumatic single valve set incl. noise-inferior	A
1F-VD02E-02	255282	RV-F Pneumatic double valve set incl. noise-inferior	A
1F-VD03E-02	255283	RV-F Pneumatic triple valve set incl. noise-inferior	A
1F-VD04E-02	255284	RV-F Pneumatic quadruple valve set incl. noise-inferior	A

■ Acceptance of order

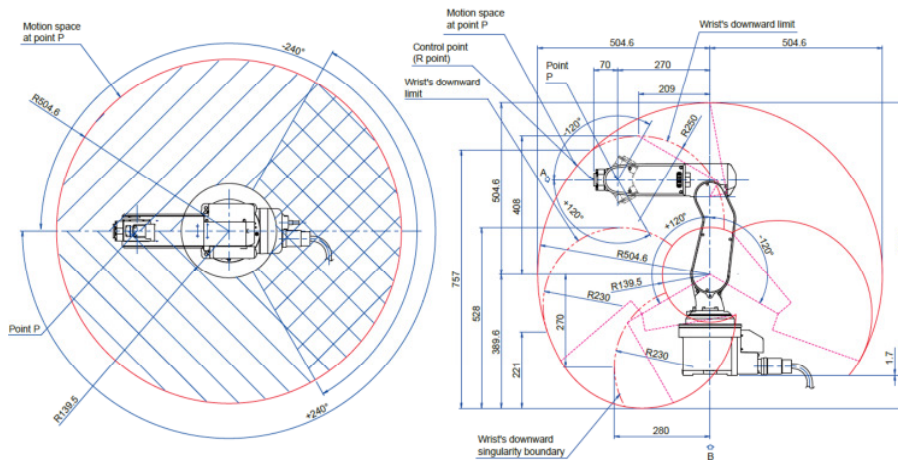
- As of today

■ Sales start in Europe (standard products available from stock)

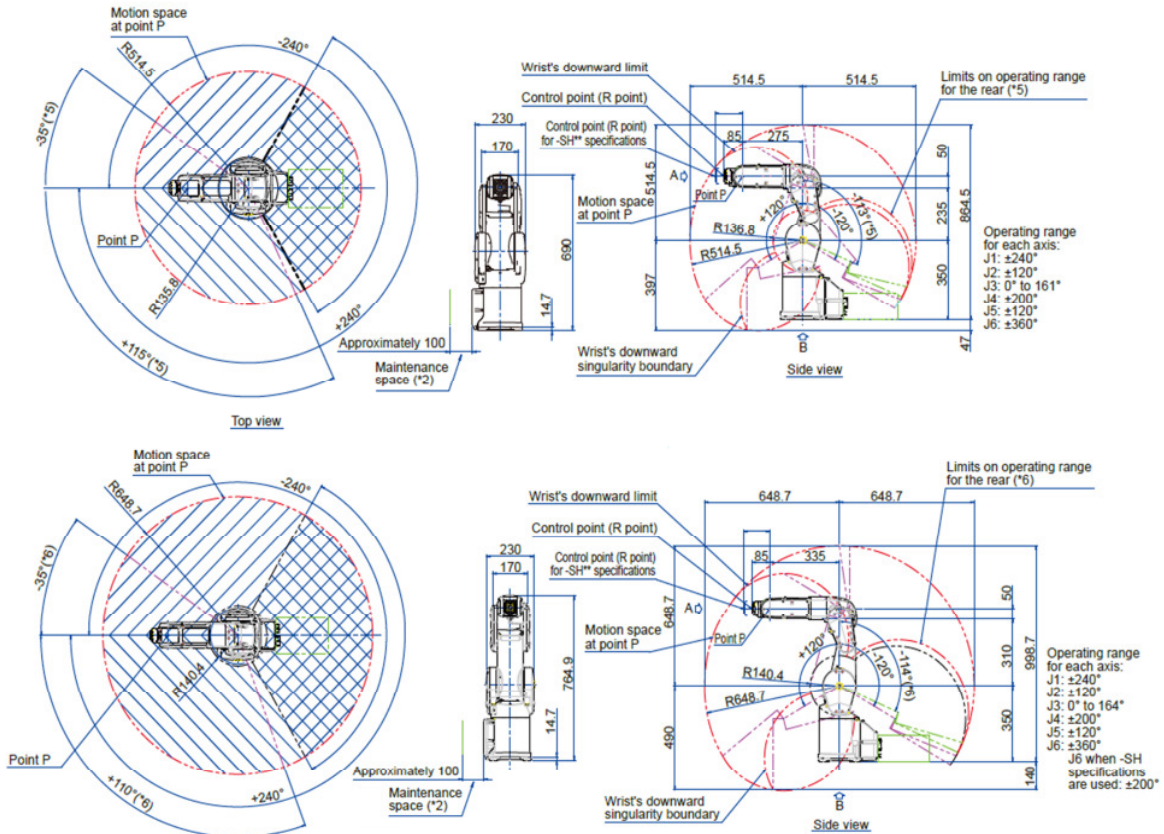
- 1st November

Outer dimension and operating range, specification

- RV-2F



- RV-4F / RV-4FL



- RV-7F / RV-7FL

