

**FANUC**

# **ROBOTS** PRODUCT OVERVIEW



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# FANUC

## ROBOTS

### PRODUCT OVERVIEW



#### Application Icon Key



Assembly



ARC Welding



Spot Welding



Pick/Pack/  
Palletizing



Load/Transfer



Material  
Removal



Dispensing



Painting/  
Coating

# Delta Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
★ M-1iA/0.5A	0.5 (1)*1	280	23*2	6	✓	✓	✓
M-1iA/0.5AL	0.5 (1)*1	420	26*2	6	✓	✓	✓
M-1iA/0.5S	0.5 (1)*1	280	20*2	4	✓		✓
M-1iA/0.5SL	0.5 (1)*1	420	23*2	4	✓		✓
M-1iA/1HL	1	420	21*2	3	✓		✓
M-2iA/3S	3	800	130	4	Ceiling Mounted		
M-2iA/3SL	3	1130	130	4			
M-2iA/6H	6	800	125	3			
M-2iA/6HL	6	1130	125	3			
M-3iA/12H	12	1350	155	3			
DR-3iB/8L	8	1600	170	4			
★ DR-3iB/6 STAINLESS	6	1200	250	4			



**Featured Model**  
**M-1iA/0.5A**



**Featured Model**  
**DR-3iB/6 STAINLESS**

\*1) Optional higher payload

\*2) With stand

# SCARA Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Wall	Invert
SR-3iA	3	400	19	4	✓	✓	
SR-3iA/H	3	400	17	3	✓	✓	
SR-3iA/C	3	400	21	4	✓	✓	
★ SR-3iA/U	3	350	27	4			✓
SR-3iA/U Environmental Option	3	350	27	4			✓
SR-6iA	6	650	30	4	✓	✓	
SR-6iA/H	6	650	28	3	✓	✓	
★ SR-6iA/C	6	650	32	4	✓	✓	
SR-12iA	12	900	53	4	✓	✓	
SR-12iA Environmental Option	12	900	56	4	✓	✓	
★ SR-20iA	20	1100	64	4	✓	✓	
SR-20iA Environmental Option	20	1100	67	4	✓	✓	

## ★ Featured Model SR-3iA/U



## Feature Spotlight: SR-3iA/U

The new SR-3iA/U ceiling mount SCARA robot features a full 360-degree work envelope with no dead zones, meaning the robot can access any point within its reach.

## ★ Featured Model SR-20iA



## ★ Featured Model SR-6iA/C

# M-10 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
M-10iD/8L	8	2032	180	6	✓	✓	✓
M-10iD/10L	10	1636	150	6	✓	✓	✓
★ M-10iD/12	12	1441	145	6	✓	✓	✓
M-10iD/16S	16	1103	145	6	✓	✓	✓

## Feature Spotlight: M-10iD/12

FANUC M-10iD/12 offers the highest speed and precision in its class. A sleek and lightweight design features internal cable routing and a curved J2 arm minimizing interference with work pieces and fixtures, and maximizing productivity. The robot has a long reach and stroke - including the backflip region - making it easy to apply even in tight workspaces.



★ **Featured Model**  
**M-10iD/12**

# LR-10 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
★ LR-10iA/10	10*1	1101	46	6	✓	✓	✓

## Feature Spotlight: LR-10iA/10

A compact 6-axis robot designed for machine tending, as well as a variety of picking applications found in the warehousing and logistics markets. This robot is an ideal solution for companies with limited floor space, as its slim arm fits into machine tools to load and unload parts.

Weighing just 46 kg, the LR-10iA/10 robot mounts to the floor, upside down, or on an angle. It is also very easy to mount the robot to an AGV or other mobile platform to accommodate a variety of repetitive tasks or automate machines that are standing idle.



**Featured Model**  
**LR-10iA/10**

\*1) Payload can be up to 13kg with restricted envelope.

# LR Mate Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
ER-4iA	4	550	20	6	✓		✓
LR Mate 200iD/4S	4	550	20	6	✓	✓	✓
★ LR Mate 200iD	7	717	25	6	✓	✓	✓
LR Mate 200iD/7H	7	717	24	5	✓	✓	✓
LR Mate 200iD/7C	7	717	25	6	✓	✓	✓
LR Mate 200iD/7WP	7	717	25	6	✓	✓	✓
LR Mate 200iD/7L	7	911	27	6	✓	✓	✓
LR Mate 200iD/7LC	7	911	27	6	✓	✓	✓
LR Mate 200iD/14L	14	911 820*1	27	6	✓	✓	✓



**Featured Model**  
**LR Mate 200iD**

\*1) Operating space is restricted when load capacity >12kg

# M-20 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
M-20iB/25	25	1853	210	6	✓	✓	✓
★ M-20iB/25C	25	1853	210	6	✓	✓	✓
M-20iB/35S	35	1445	205	6	✓	✓	✓
M-20iD/12L	12	2272	250	6	✓	✓	✓
M-20iD/25	25	1831	250	6	✓	✓	✓
M-20iD/35	35	1831	250	6	✓	✓	✓

## Feature Spotlight: M-20iB/25C

A six-axis robot for handling products in a wide range of industries, including cleanroom environments. It offers a rigid and compact design with a sealed structure (integrated utilities and motors), and a rear or bottom exit for cables. The entire robot is rated IP67, allowing it to withstand harsh environments.



★ **Featured Model**  
**M-20iB/25C**

# ARC Mate Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
ARC Mate 50iD/7L	7	911	27	6	✓	✓	✓
ARC Mate 100iD	12	1441	145	6	✓	✓	✓
ARC Mate 100iD/10L	10	1636	150	6	✓	✓	✓
ARC Mate 100iD/8L	8	2032	180	6	✓	✓	✓
★ ARC Mate 120iD	25	1831	250	6	✓	✓	✓
ARC Mate 120iD/12L	12	2272	250	6	✓	✓	✓
M-20iB/25 (For Arc)	25	1853	210	6	✓	✓	✓
M-710iC/12L (For Arc)	12	3123	540	6	✓	✓	✓
CRX-10iA (For Arc)	10	1249	40	6	✓	✓	✓
CRX-10iA/L (For Arc)	10	1418	40	6	✓	✓	✓
CRX-25iA (For Arc)	25	1889	135	6	✓	✓	✓
CR-7iA/L (For Arc)	7	911	55	6	✓	✓	✓
CR-15iA (For Arc)	15	1441	255	6	✓	✓	✓



**Featured Model  
ARC Mate 120iD**

# CRX Series

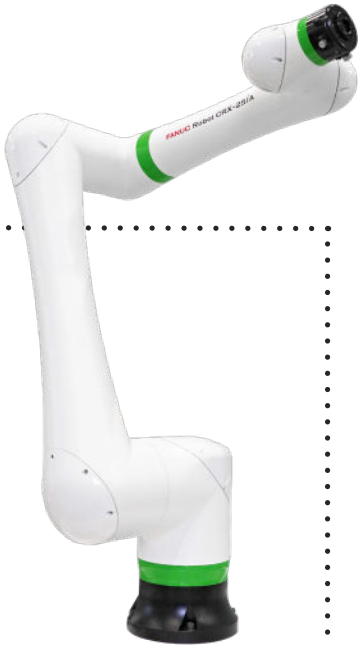


Robot Model	Max. Payload (kg)	Reach (mm)*1	Mass (kg)	Axes	Floor	Angle	Invert
CRX-5iA	5	994	25	6	✓	✓	✓
CRX-10iA	10	1249	40	6	✓	✓	✓
CRX-10iA/L	10	1418	40	6	✓	✓	✓
CRX-20iA/L	20	1418	41	6	✓	✓	✓
★ CRX-25iA	25 30	1889 1756*2	135	6	✓	✓	✓

## Feature Spotlight: CRX-25iA

CRX-25iA is the heaviest lifter of the FANUC CRX series of Collaborative robots to date! With an increased payload capacity of up to 30kg and a reach of 1,889mm, the CRX-25iA is perfect for jobs that require extra lifting in a collaborative environment. Perfect for Palletizing, Material Handling, Machine Load / Unload, Welding, and much more!

\*1) Reach specification from faceplate  
 \*2) Operating space is restricted when 30kg payload mode is selected



Featured Model  
CRX-25iA

# Collaborative Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
CR-7iA	7	717	53	6	✓	✓	✓
CR-7iA/L	7	911	55	6	✓	✓	✓
CR-14iA/L	14	911 820*3	55	6	✓	✓	✓
CR-15iA	15	1441	255	6	✓	✓	✓
★ CR-35iB	35 50*4	1831 1643*5	375	6	✓		

## Feature Spotlight: CR-35iB

FANUC's CR-35iB is the industry's strongest collaborative robot featuring a new payload capacity of 50kg, a large work envelope and a small installation footprint which works well in small spaces. The CR-35iB is a streamlined and lighter mechanical unit that includes FANUC's latest sensor technology for safety.

\*3) Operating space is restricted when load capacity >12kg  
 \*4) Option Required  
 \*5) Operating space is restricted when 50kg payload mode is selected



Featured Model  
CR-35iB

# Paint Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
<b>Paint Mate 200iA/5L</b>	5	892	37	6	✓	✓	✓
<b>P-40iA</b>	5	1300	110	6	✓	✓	✓
<b>P-50iB/10L</b>	10	1800	364	6	✓	✓	✓
★ <b>P-250iB</b>	15	2800	530	6	✓	✓	✓
<b>P-350iA</b>	45	2606	590	6	✓	✓	✓
<b>P-700iB</b> Plastic Arm	15	3150	658 (S) 665 (L)	7	Rail Mounted		
<b>P-700iB</b> Metal Arm	15	3200	659 (S) 667 (L)	7	Rail Mounted		
<b>P-1000iA</b> Plastic Arm	15	2848	700	7			✓
<b>P-1000iA</b> Metal Arm	15	2896	700	7			✓



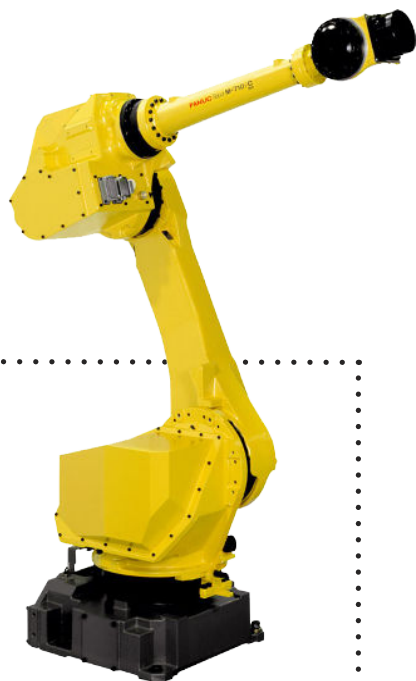
**Featured Model**  
**P-250iB**

(S) Short Arm Version (L) Long Arm Version

# M-710 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
M-710iC/12L	12	3123	540	6	✓	✓	✓
M-710iC/20L	20	3110	540	6	✓	✓	✓
M-710iC/20M	20	2582	530	6	✓	✓	✓
M-710iC/45M	45	2606	570	6	✓	✓	✓
★ M-710iC/50	50	2050	560	6	✓	✓	✓
M-710iC/50H	50	2003	540	5	✓		✓
M-710iC/50S	50	1359	545	6	✓	✓	✓
M-710iC/70	70	2050	560	6	✓	✓	✓

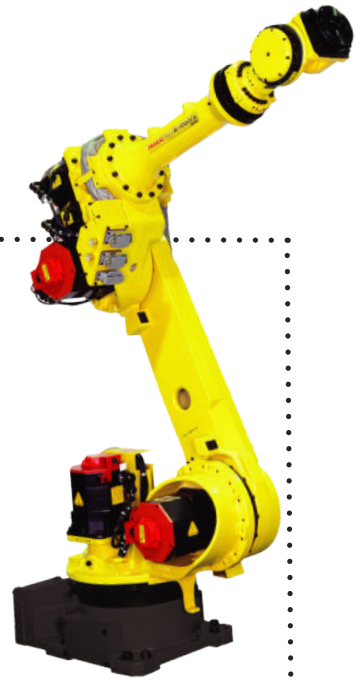


**Featured Model**  
**M-710iC/50**

# R-1000 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
R-1000iA/80F	80	2230	620	6	✓		✓
R-1000iA/80H	80	2230	610	5	✓		✓
★ R-1000iA/100F	100	2230	665	6	✓		✓
R-1000iA/130F	130	2230	675	6	✓		✓

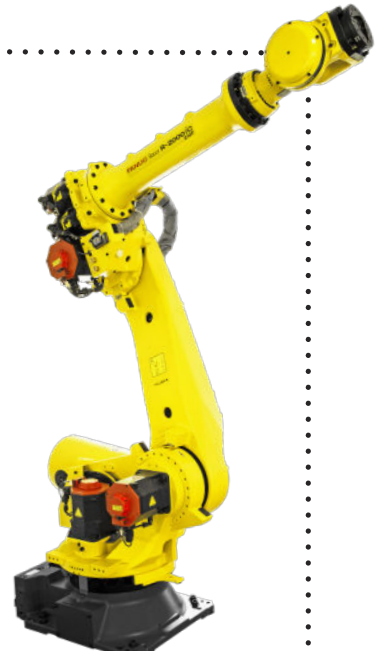


★ **Featured Model**  
R-1000iA/100F

# R-2000



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
R-2000iC/100P	100	3540	1470	6		RACK	
R-2000iC/125L	125	3100	1115	6	✓		
R-2000iC/165F	165	2655	1090	6	✓		
R-2000iC/165R	165	3095	1370	6		RACK	
R-2000iC/190S	190	2040	1120 [1135]*1	6	✓		✓
R-2000iC/190U	190	3100	1400	6			✓
★ R-2000iC/210F	210	2655	1090	6	✓		
R-2000iC/210L	210	3100	1350	6	✓		
R-2000iC/210R	210	3095	1370	6		RACK	
R-2000iC/210WE	210	2450	1180	6	✓		
R-2000iC/220U	220	2518	1020	6			✓
R-2000iC/240F	240	2655	1090	6	✓		
R-2000iC/270F	270 [300]*2	2655	1320	6	✓		
R-2000iC/270R	270	3095	1590	6		RACK	
R-2000iD/165FH	165	2605	1150	6	✓		
R-2000iD/100FH	100	2605	1150	6	✓		
R-2000iD/210FH	210	2605	1150	6	✓		



★ **Featured Model**  
R-2000iC/210F

\*1)When accuracy and stiffness enhancement option is specified

\*2) With hardware and/or software option

# M-410 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
<b>M-410iB/140H</b>	140	2850	1200	5	✓		
<b>M-410iB/700</b>	700	3143	2700	4	✓		
<b>M-410iC/110</b>	110	2403	1030	4	✓		
★ <b>M-410iC/185</b>	185	3143	1600 (1330)*1	4	✓		
<b>M-410iC/315</b>	315	3143	1600 (1330)*1	4	✓		
<b>M-410iC/500</b>	500	3143	2410 (1910)*1	4	✓		

## Feature Spotlight: M-410iC/185

This compact four-axis model is designed for high speed palletizing, assembly, machining and parts transfer applications. The increased throughput makes it ideal for high volume production.

\*1) Without pedestal



**Featured Model**  
**M-410iC/185**

# M-900 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
M-900iA/200P	200	3507	2670	6		RACK	
M-900iB/280L	280	3103	1600	6	✓	✓	✓
M-900iB/330L	330	3203	1780	6	✓		
★ M-900iB/360E	360	2655	1540	6	✓	✓	✓
M-900iB/400L	400	3704	3150	6	✓		
M-900iB/700E	700	2832	2800	6	✓		



# M-800



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
M-800iA/60	60	2040	820	6	✓		



**Featured Model**  
**M-900iB/360E**

# M-1000 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
★ M-1000iA	1000	3253	5300	6	✓		

## Feature Spotlight: M-1000iA

The M-1000iA is FANUC's largest robot to feature a serial link mechanism, rather than the parallel link mechanism typical of heavy payload robots. As a result, the M-1000iA has a wider range of motion in both vertical and longitudinal directions, allowing the arm to stand upright and rotate backwards, which is impossible with parallel link robots. This capability provides users with extended versatility across a wide range of handling applications.



**Featured Model**  
**M-1000iA**

# M-2000 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
M-2000iA/900L	900	4683	9600	6	✓		
M-2000iA/1200	1200 (1350)*1	3734	8600	6	✓		
M-2000iA/1700L	1700	4683	12500	6	✓		
★ M-2000iA/2300	2300	3734	11000	6	✓		

## Feature Spotlight: M-2000iA/2300

With its enormous payload of 2.3 metric tons, the M-2000iA/2300 is the biggest lifter in the M-2000 series. Ideally suited to handle material handling applications that require an even stronger wrist, this machine will easily lift and position an entire car or load bulky castings onto machine fixtures.

\*1) With hardware and/or software option



**Featured Model**  
**M-2000iA/2300**

# iRVision 3D Vision Sensor



Max. Field of View (mm):  
1600x1600x1500

Version	Resolution (Pixel)	Min/Max Standoff (mm)	Field of View Dimension at Min/Max (mm)
3DV/70	870x950	Min:220 Max:276	55x70 84x92
3DV/200	950x1060	Min:355 Max:545	124x124 219x199
★ 3DV/400	1104x950	Min:700 Max:1200	262x268 527x459
3DV/600	1104x950	Min:1300 Max:1800	576x499 804x697
3DV/1600	1104x960	Min:1500 Max:3500	1299x1223 3258x2843



★  
Featured Version  
3DV/400