

# FANUC

## ROBOTS

### PRODUCT OVERVIEW

#### Application Icon Key



Assembly



ARC Welding



Spot Welding



Pick/Pack/  
Palletizing



Load/Transfer



Material  
Removal



Dispensing



Painting/  
Coating

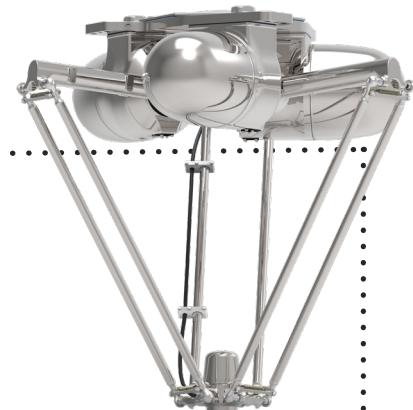
# Delta Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
★ M-1iA/0.5A	0.5 (1) <sup>*1</sup>	280	23 <sup>*2</sup>	6	✓	✓	✓
M-1iA/0.5AL	0.5 (1) <sup>*1</sup>	420	26 <sup>*2</sup>	6	✓	✓	✓
M-1iA/0.5S	0.5 (1) <sup>*1</sup>	280	20 <sup>*2</sup>	4	✓		✓
M-1iA/0.5SL	0.5 (1) <sup>*1</sup>	420	23 <sup>*2</sup>	4	✓		✓
M-2iA/3S	3	800	130	4	Ceiling Mounted		
M-2iA/3SL	3	1130	130	4			
M-3iA/6S	6 (8) <sup>*3</sup>	1350	160	4			
M-3iA/12H	12	1350	155	3			
DR-3iB/8L	8	1600	170	4	Ceiling Mounted		
★ 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

\*3) High-inertia option

# 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-9iA/R	9	620	76	4	RACK		
SR-12iA	12	900	53	4	✓	✓	
★ SR-12iA/C	12	900	56	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



★ Featured Model  
SR-12iA/C



★ Featured Model  
SR-9iA/R

## Feature Spotlight: SR-3iA/U

The 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. This model's lightweight design, ultra-compact footprint and integrated services minimize the risk of interference with peripheral devices.

# 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/7WE	7	717	27	6	✓	✓	✓
LR Mate 200iD/7L	7	911	27	6	✓	✓	✓
LR Mate 200iD/7LC	7	911	27	6	✓	✓	✓
LR Mate 200iD/14L	14	911 820 <sup>1</sup>	27	6	✓	✓	✓

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

## LR-10



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

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



Featured Model  
LR Mate 200iD

# 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	✓	✓	✓
<b>★ ARC Mate 120iD</b>	<b>25</b>	<b>1831</b>	<b>250</b>	<b>6</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
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-30iA (For Arc)	30	1756	135	6	✓	✓	✓
	25	1889 <sup>*1</sup>					
CR-7iA/L (For Arc)	7	911	55	6	✓	✓	✓
CR-15iA (For Arc)	15	1441	255	6	✓	✓	✓
CR-35iB (For Arc) <sup>*2</sup>	35	1831 <sup>*3</sup>	375	6	✓		
	50	1643 <sup>*3</sup>					



\*1) Operating space is expanded when 25kg payload mode is selected

\*2) Weaving and touch sensing speeds are restricted.

\*3) Operating space is restricted when 50kg payload mode is selected



**Featured Model**  
**ARC Mate120iD**

# 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			✓
<b>CRX-10iA/L Paint</b>	10	1418	40	6	✓	✓	✓

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



Featured Model  
**CRX-10iA/L Paint**

# 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/12 Food	12	1441	145	6	✓	✓	✓
M-10iD/12 Dustproof	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

# 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/12 Food	12	1441	145	6	✓	✓	✓
M-10iD/12 Dustproof	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

# M-20 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
M-20iB/25	25	1853	210	6	✓	✓	✓
<b>M-20iB/25C</b>	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/25 Food	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**

# Collaborative Series



Robot Model	Max. Payload (kg)	Reach (mm) <sup>*1</sup>	Mass (kg)	Axes	Floor	Angle	Invert
CRX-5iA	5	994	25	6	✓	✓	✓
CRX-5iA Food	5	994	25	6	✓	✓	✓
CRX-10iA	10	1249	40	6	✓	✓	✓
CRX-10iA Food	10	1249	40	6	✓	✓	✓
CRX-10iA/L	10	1418	40	6	✓	✓	✓
CRX-10iA/L Food	10	1418	40	6	✓	✓	✓
CRX-10iA/L Paint	10	1418	40	6	✓	✓	✓
CRX-20iA/L	20	1418	41	6	✓	✓	✓
CRX-20iA/L Food	20	1418	41	6	✓	✓	✓
★ CRX-30iA	30 25	1756 1889 <sup>*2</sup>	135	6	✓	✓	✓
CRX-30iA Food	30 25	1756 1889 <sup>*2</sup>	135	6	✓	✓	✓
★ CR-35iB	35 50 <sup>*3</sup>	1831 1643 <sup>*4</sup>	375	6	✓		



Featured Model  
CRX-30iA

## Feature Spotlight: CRX-30iA

The CRX-30iA is one of the heavier lifters of the FANUC CRX series. With a payload of 25-30 kg and a reach of 1756 mm, the CRX 30-iA is perfect for tasks that demand extra lifting in a collaborative setting, while preserving the safety and simplicity of programming that the CRX series is known for.

It is the first FANUC cobot to feature standard wrist button functionality, located on the J6 flange. You can now directly teach the robot new movements using the customizable buttons right on its wrist, giving you total control and flexibility.

## 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.



Featured Model  
CR-35iB

\*1) Reach specification from faceplate

\*2) Operating space is expanded when 25kg payload mode is selected

\*3) Option Required

\*4) Operating space is restricted when 50kg payload mode is selected

# M-410 Series



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



Featured Model  
M-410iC/185

\*1) Without pedestal

# 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	✓	✓	✓
★ M-710iD/50M	50	2606	600	6	✓	✓	✓
M-710iD/70	70	2104	580	6	✓	✓	✓



# M-800



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



Featured Model  
M-710iD/50M

# 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/100F	100	2230	665	6	✓		✓
R-1000iA/130F	130	2230	675	6	✓		✓



## R-2000



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
R-2000iC/100PH	100	3540	1495	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 <sup>*1</sup>	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 <sup>*2</sup>	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-1000iA/100F



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

\*2) With hardware and/or software option

★ Featured Model  
R-2000iC/210F

# M-900 Series



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
<b>M-900iA/200P</b>	200	3507	2670	6	RACK		
<b>M-900iB/280</b>	280	2655	1700	6	✓	✓	✓
<b>M-900iB/280L</b>	280	3103	1600	6	✓	✓	✓
<b>M-900iB/330L</b>	330	3203	1780	6	✓		
<b>M-900iB/360E</b>	360	2655	1540	6	✓	✓	✓
<b>M-900iB/400L</b>	400	3704	3150	6	✓		
<b>M-900iB/700E</b>	700	2832	3030	6	✓		



## M-950



Robot Model	Max. Payload (kg)	Reach (mm)	Mass (kg)	Axes	Floor	Angle	Invert
<b>★ M-950iA/500</b>	500	2830	2500	6	✓		



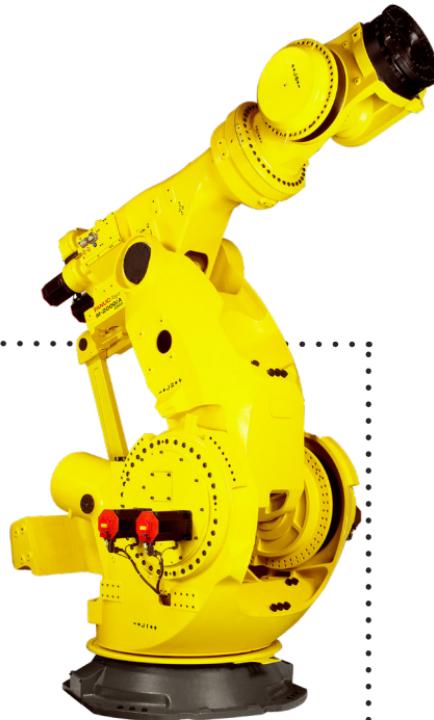
Featured Model  
**M-950iA/500**

# 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 <sup>*1</sup>	3734	8600	6	✓		
M-2000iA/1700L	1700	4683	12500	6	✓		
<b>★ M-2000iA/2300</b>	2300	3734	11000	6	✓		

\*1) With hardware and/or software option



## M-1000



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



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

# Modular RTU

Max. Payload (kg)	Stroke (m)	Mass (kg)	Max. Speed (m/s)	Applicable Robots	Axes	Floor
2000	1 to 20 (0.5 increments)	Min: 965  Max: 5505	2.0* <sup>1</sup> (0-1500kg payload)  1.5* <sup>1</sup> (1500~2000kg payload)	M-710iC/50, 70, 50S, 20L, 20M, 50H, 45M, 12L M-710iD/50M, 70 R-1000iA/80F, 100F, 80H R-2000iC/165F, 165R, 210F, 210R, 125L, 100P, 240F R-2000iD/ 100FH, 165FH, 210FH M-800iB/60	1	✓

## Feature Spotlight: Modular RTU

Unlike traditional RTUs that require custom builds, FANUC's modular design allows stroke lengths from 1 to 20 meters, adjustable in 0.5-meter increments by combining standardized modules.



\*1) During short distance motions, the axis speed may not reach the maximum value stated

# Servo Positioners

Model	Max. Payload (kg)	Motion Range (°)	Mass (kg)	Axes	Floor	Angle	Invert
500kg 1-Axis (Hollow-type)	500	740 ( $\pm 370$ ) <sup>*1</sup>	85	1	✓	✓	✓
1500kg 1-Axis (Hollow-type)	1500	740 ( $\pm 370$ ) <sup>*1</sup>	280	1	✓	✓	✓
2000kg 1-Axis (Compact-type)	2000	740 ( $\pm 370$ ) <sup>*1</sup>	120	1	✓	✓	✓
5000kg 1-Axis	5000	370 ( $\pm 185$ ) <sup>*1,2</sup>	354	1	✓	✓	
9000kg 1-Axis	9000	370 ( $\pm 185$ ) <sup>*1,2</sup>	765	1	✓	✓	
★ 2-Axis	500	J1: 270 ( $\pm 135$ ) J2: 480 ( $\pm 240$ ) <sup>*1</sup>	295	2	✓	✓	✓



\*1) Continuous turn option available

\*2) If clamp option is ordered, the motion range may be reduced



Featured Model  
2-Axis Servo Positioner

# iRVision Vision Sensors

2D Camera	Resolution (Pixel)	Outer Dimension (mm)	Focal Length (mm)	Mass (kg)
Grayscale	2432x2048	75x75x123	8/12/16/25	0.6
Color	1216x1024	75x75x123	8/12/16/25	0.6

3D Vision Sensor	Resolution (Pixel)	Min/Max Standoff (mm)	Field of View Dimension at Min/Max (mm)	Mass (kg)
3DV/70	870x950	Min:220 Max:276	55x70 84x92	1.1
3DV/200	950x1060	Min:355 Max:545	124x124 219x199	1.1
★ 3DV/400	1104x950	Min:700 Max:1200	262x268 527x459	1.1
3DV/600	1104x950	Min:1300 Max:1800	576x499 804x697	1.1
3DV/1600	1104x960	Min:1500 Max:3500	1299x1223 3258x2843	1.6



Featured Version  
3DV/400

# Force Sensor

Model	Rated Force (N/kgf)	Rated Moment (Nm/kgfm)	Dimensions (mm)	Mass (kg)
FS-15iA	147 / 15	11.8 / 1.2	Ø 94x43	0.57
★ FS-40iA	392 / 40	39.2 / 4	Ø 105x47	0.87
FS-100iA	980 / 100	156 / 15.9	Ø 155x59	3.2
FS-250iA	2500 / 255	500 / 51	Ø 198x85	6.9



Featured Version  
FS-40iA