

FANUC

Robots

Product overview





100% FANUC

No. 1 in the world

FANUC is the leading global manufacturer of factory automation, with almost 40 years of experience in the development of robot technology, more than 380,000 robots installed worldwide, and satisfied customers in every corner of the globe.

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From the smallest to the strongest

FANUC offers the widest range of robots in the world to cover the needs of diverse applications and industries. They are a key standard component – totally flexible with application-specific options, straightforward integration, and the colour of choice for demanding automation solutions.

All you need is yellow.

Your advantages:

- more than 100 different robot models
- load capacity up to 2,300 kg
- reach up to 4,680 mm
- 99.99% reliability
- easy operation
- optimised energy consumption
- life time spare parts availability



more than
380,000
robot installations
worldwide

up to
5,000
robot production
capacity per month

Articulated Robots

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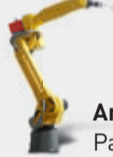
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Robot overview

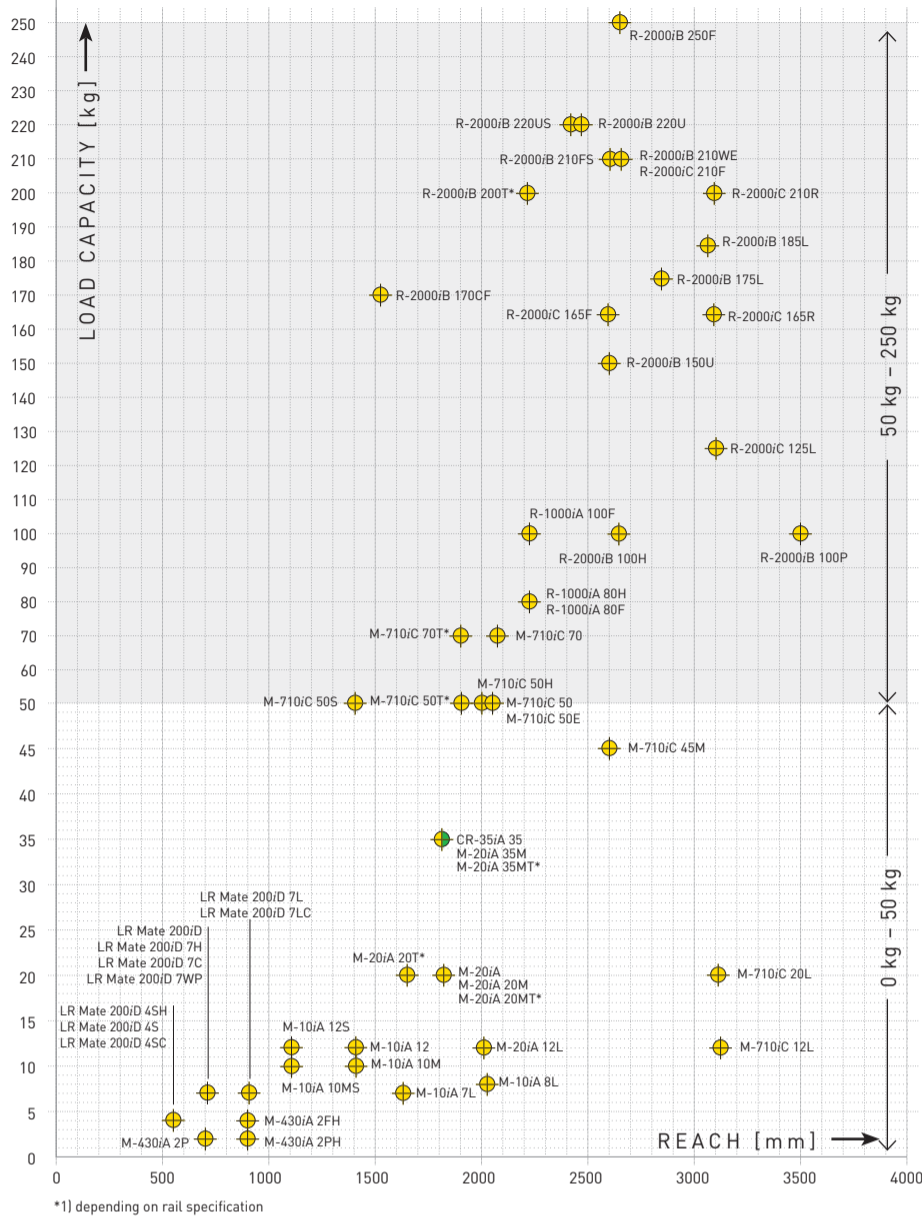
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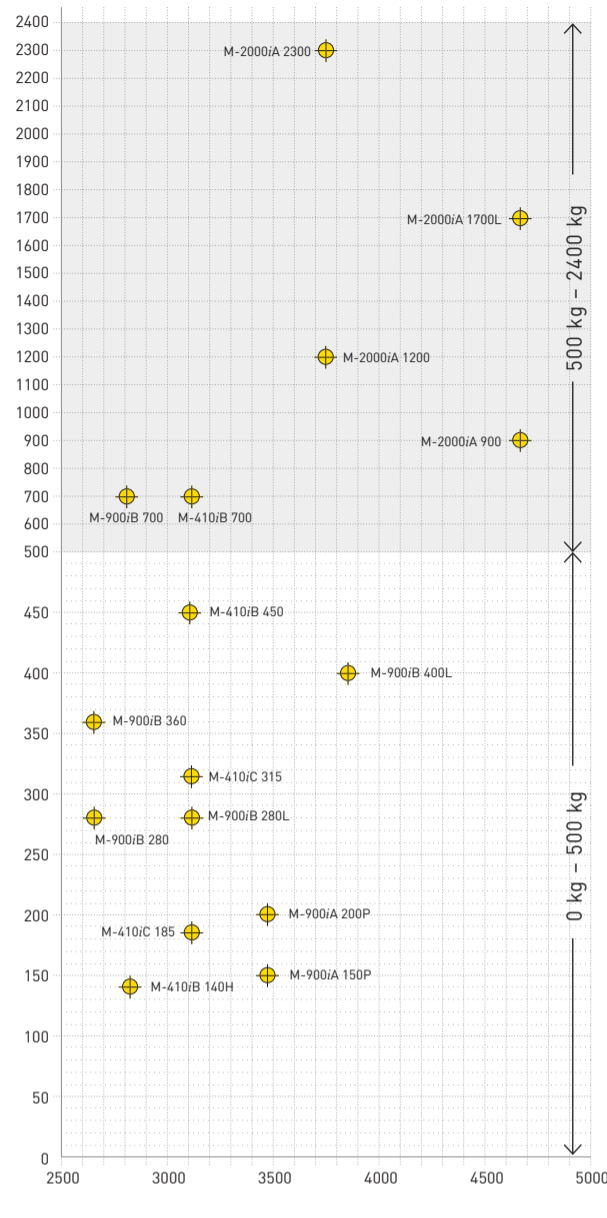
Articulated Robots

LR Mate | M-430 | M-10 | M-20 | M-710 | R-1000 | R-2000 | CR-35

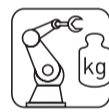


Articulated Robots

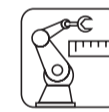
M-410 | M-900 | M-2000



LR Mate Series



Max. load capacity at wrist: **7 kg**



Max. reach: **911 mm**

Available robot versions:

- LR Mate 200iD/4SH Short arm, 5-axis
- LR Mate 200iD/4S Short arm
- LR Mate 200iD/4SC Short arm, clean room
- LR Mate 200iD/7H 5-axis
- LR Mate 200iD/7C Clean room
- LR Mate 200iD/7WP Wash proof
- LR Mate 200iD Standard model
- LR Mate 200iD/7L Long arm
- LR Mate 200iD/7LC Long arm, clean room

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection						
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional		
LR Mate 200	iD	4SH	30iB	o	•	-	-	4	550	5	± 0.02	19	360	230	402	240	720	-	460	460	520	560	1500	-	8.86/0.2	4.0/0.046 [5.5/0.083]	-	IP67	IP67	
LR Mate 200	iD	4S	30iB	o	•	-	-	4	550	6	± 0.02	20	360	230	402	380	240	720	460	460	520	560	900	1000	8.86/0.2	8.86/0.2	4.9/0.067	IP67	IP67	
LR Mate 200	iD	4SC	30iB	o	•	-	-	4	550	6	± 0.02	20	360	230	402	380	236	720	460	460	520	560	900	1000	8.86/0.2	8.86/0.2	4.9/0.067	IP67	IP67	
LR Mate 200	iD	7H	30iB	o	•	-	-	7	717	5	± 0.02	24	360	245	420	250	720	-	450	380	520	545	1500	-	16.6/0.47	4.0/0.046 [5.5/0.15]	-	IP67/IP69K	IP67/IP69K	
LR Mate 200	iD	7C	30iB	o	•	-	-	7	717	6	± 0.02	25	360	245	420	380	250	720	450	380	520	550	545	1000	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67	IP67
LR Mate 200	iD	7WP	30iB	-	•	-	-	7	717	6	± 0.02	25	360	245	420	380	250	720	450	380	520	550	545	1000	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
LR Mate 200	iD		30iB	o	•	-	-	7	717	6	± 0.02	25	360	245	420	380	250	720	450	380	520	550	545	1000	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
LR Mate 200	iD	7L	30iB	o	•	-	-	7	911	6	± 0.03	27	360	245	430	380	250	720	370	310	410	550	545	1000	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
LR Mate 200	iD	7LC	30iB	o	•	-	-	7	911	6	± 0.03	27	360	245	430	380	250	720	370	310	410	550	545	1000	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67	IP67

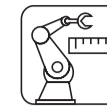
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M-430iA/4FH



Max. load capacity at wrist: **4 kg**



Max. reach: **900 mm**

Available robot versions:

M-430iA/2P 6-axis

M-430iA/2PH 6-axis

M-430iA/4FH 5-axis

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-430	iA	2P	30iB	-	-	●	○	2	700	6	± 0.5	45	360	230	400	380	300	540	300	320	340	300	300	720	3.5/0.032	3.5/0.032	1.5/0.0065	IP67	IP67
M-430	iA	2PH	30iB	-	-	●	○	2	900	6	± 0.5	57	360	230	383	380	300	540	300	320	320	500	500	1700	3.5/0.032	3.5/0.032	1.5/0.0065	IP67	IP67
M-430	iA	4FH	30iB	-	-	●	○	4	900	5	± 0.5	55	360	230	383	300	540	-	300	320	320	360	2000	-	3.5/0.064	0/0.01	-	IP67	IP67

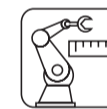
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M-10iA/12



Max. load capacity at wrist: **12 kg**



Max. reach: **2008 mm**

Available robot versions:

M-10iA/7L Long arm, hollow wrist

M-10iA/8L Long arm, hollow wrist

M-10iA/10MS Short arm, high inertia

M-10iA/10M High inertia

M-10iA/12 Hollow wrist

M-10iA/12S Short arm, hollow wrist

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-10	iA	7L	30iB	-	○	●	○	7	1633	6	± 0.08	135	340(360)	250	447	380	280(380)	540(720)	230	225	230	430	430	630	15.7/0.63	10.1/0.38	5.9/0.061	IP54/IP55	IP67
M-10	iA	8L	30iB	-	○	●	○	8	2028	6	± 0.08	150	340(370)	255	462	400	280(360)	540(900)	200	200	210	430	430	630	7.7/0.24	7.7/0.24	0.2/0.0027	IP54/IP55	IP67
M-10	iA	10MS	30iB	-	○	●	○	10	1101	6	± 0.08	130	340(360)	250	441	380	280	720	260	280	315	420	420	720	26.0/0.9	26.0/0.9	11.0/0.3	IP54/IP55	IP67
M-10	iA	10M	30iB	-	○	●	○	10	1422	6	± 0.08	130	340(360)	250	445	400	280	720	225	205	225	420	420	700	26.0/0.9	26.0/0.9	11.0/0.3	IP54/IP55	IP67
M-10	iA	12S	30iB	-	○	●	○	12	1098	6	± 0.08	130	340(360)	250	340	380	280(380)	540(720)	260	280	315	430	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP55	IP67
M-10	iA	12	30iB	-	○	●	○	12	1420	6	± 0.08	130	340(360)	250	447	380	280(380)	540(720)	230	225	230	430	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP55	IP67

● standard ○ on request - not available () with hardware and/or software option



M-20iA



Max. load capacity at wrist: **35 kg**



Max. reach: **2009 mm**

Available robot versions:

M-20iA/12L	Long arm, hollow wrist
M-20iA/20T	Top mount, hollow wrist
M-20iA	Standard model, hollow wrist
M-20iB/25	Standard model
M-20iA/20M, /35M	High inertia
M-20iA/20MT, /35MT	High inertia, Top mount

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-20	iA	12L	30/B	-	○	●	○	12	2009	6	± 0.08	250	370	260	460,6	400	360	900	200	175	190	430	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP55	IP67
M-20	iA	20T	30/B	-	-	●	○	20	1662 *1)	6	± 0.08	185	*1)	300	586	400	360	900	*1)	175	180	360	360	550	44/1.04	44/1.04	22/0.28	IP54	IP67
M-20	iA		30/B	-	-	●	○	20	1811	6	± 0.08	250	370	260	458	400	360	900	195	175	180	360	360	550	44.0/1.04	44.0/1.04	22.0/0.28	IP54/IP55	IP67
M-20	iA	20M	30/B	-	○	●	○	20	1813	6	± 0.08	250	370	260	460,6	400	280	900	195	175	180	405	405	615	45.1/2.01	45.1/2.01	30.0/1.01	IP54/IP55	IP67
M-20	iA	20MT	30/B	-	-	●	○	20	1663 *1)	6	± 0.08	185	*1)	300	586	400	280	900	*1)	175	180	405	405	615	45.1/2.01	45.1/2.01	30.0/1.01	IP54	IP67
M-20	iB	25	30/B	-	○	●	○	25	1850	6	± 0.05	250	340(360)	---	---	---	---	---	205	205	260	415	415	880	51/2.2	51/2.2	31/1.2	IP67	IP67
M-20	iA	35M	30/B	-	○	●	○	35	1813	6	± 0.08	252	370	260	461,0	400	280	900	180	180	200	350	350	400	110/4	110/4	60.0/1.5	IP54/IP55	IP67
M-20	iA	35MT	30/B	-	-	●	○	35	1663 *1)	6	± 0.08	187	*1)	300	586	400	280	900	*1)	180	200	350	350	400	110/4	110/4	60.0/1.5	IP54	IP67

● standard ○ on request - not available () with hardware and/or software option *1) depending on rail specification



M-410iC 185



Max. load capacity at wrist: **700 kg**



Max. reach: **3143 mm**

Available robot versions:

M-410iB/140H	5-axis
M-410iB/450, /700	Hollow wrist
M-410iC/185, /315	Hollow wrist

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-410	iB	140H	30/B	-	-	●	○	140	2850	5	± 0.2	1200	360	155	112	20	720	-	140	115	135	135	420	-	147	53	-	IP54	IP54
M-410	iC	185	30/B	-	-	●	○	185	3143	4	± 0.5	1600 (1330)	360	144	136	720	-	-	140	140	140	305	-	-	88	-	-	IP54	IP54
M-410	iC	315	30/B	-	-	●	○	315	3143	4	± 0.5	1600 (1330)	360	144	136	720	-	-	90	100	110	195	-	-	155	-	-	IP54	IP54
M-410	iB	450	30/B	-	-	●	○	450	3130	4	± 0.5	2430	360	145	135	540	-	-	70	70	70	180	-	-	196 (294)	-	-	IP54	IP54
M-410	iB	700	30/B	-	-	●	○	700	3143	4	± 0.5	2700	360	144	136	540	-	-	60	60	60	120	-	-	490	-	-	IP54	IP54

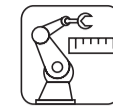
● standard ○ on request - not available () with hardware and/or software option



M-710iC 50



Max. load capacity at wrist: **70 kg**



Max. reach: **3123 mm**

Available robot versions:

M-710iC/12L, /20L Long arm

M-710iC/45M High inertia

M-710iC/50S Short arm

M-710iC/50H 5-axis

M-710iC/50, /70 Standard model

M-710iC/50E Offset wrist

M-710iC/50T, /70T Top mount

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection						
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional		
M-710	iC	12L	30/B	-	○	●	○	12	3123	6	± 0.15	540	360	225	434	400	380	720	180	180	180	400	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP67	IP67	
M-710	iC	20L	30/B	-	○	●	○	20	3110	6	± 0.15	540	360	225	432	400	280	900	175	175	180	350	360	600	39.2/0.88	39.2/0.88	19.6/0.25	IP54/IP67	IP67	
M-710	iC	45M	30/B	-	○	●	○	45	2606	6	± 0.1	570	360	225	440	800	250	800	180	180	180	250	250	360	206/28	206/28	127/20	IP54/IP67	IP67	
M-710	iC	50S	30/B	-	○	●	○	50	1359	6	± 0.07	545	360	169	376	720	250	720	175	175	175	250	250	355	206/28	206/28	127/11	IP54/IP67	IP67	
M-710	iC	50T	30/B	-	○	●	○	50	1900 *1)	6	± 0.07	410	*1)	261	491	720	250	720	*1)	175	175	250	250	355	206/28	206/28	127/11	IP54/IP67	IP67	
M-710	iC	50H	30/B	-	○	●	○	50	2003	5	± 0.15	540	360	225	440	234	720	-	175	175	175	175	720	-	150/6.3	68/2.5	-	IP54/IP67	IP67	
M-710	iC	50	30/B	-	○	●	○	50	2050	6	± 0.07	560	360	225	440	720	250	720	175	175	175	250	250	355	206/28	206/28	127/11	IP54/IP67	IP67	
M-710	iC	50E	30/B	-	○	●	○	50	2050	6	± 0.07	560	360	225	440	720	380	720	175	175	175	250	240	340	206/28	176/10.8	98/3.3	IP54/IP67	IP67	
M-710	iC	70T	30/B	-	○	●	○	70	1900 *1)	6	± 0.07	410	*1)	261	491	720	250	720	*1)	120	120	120	225	225	225	294/28	294/28	147/11	IP54/IP67	IP67
M-710	iC	70	30/B	-	○	●	○	70	2050	6	± 0.07	560	360	225	440	720	250	720	160	120	120	225	225	225	294/28	294/28	147/11	IP54/IP67	IP67	

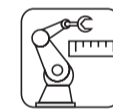
● standard ○ on request - not available () with hardware and/or software option *1) depending on rail specification



M-900iB/700



Max. load capacity at wrist: **700 kg**



Max. reach: **3704 mm**

Available robot versions:

M-900iA/150P, /200P Pedestal mount

M-900iB/280, /360, /700 Standard model

M-900iB/280L, /400L Long arm

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-900	iA	150P	30/B	-	-	●	○	150	3507	6	± 0.3	1860	360	180	180	720	250	720	110	95	95	120	120	200	1666/313.6	1666/313.6	715.4/225.4	IP54	IP67
M-900	iA	200P	30/B	-	-	-	●	200	3507	6	± 0.3	2670	360	180	180	720	230	720	110	95	95	95	95	165	2200/431.2	2200/431.2	715/392	IP54	IP67
M-900	iB	280	30/B	-	-	●	○	280	2655	6	± 0.3	1700	370	151	224	720	250	720	110	105	100	110	110	180	1960/260 (460)	1960/260 (460)	1050/160 (360)	IP54/IP56	IP67
M-900	iB	280L	30/B	-	-	●	○	280	3103	6	± 0.3	1600	370	151	224	720	250	720	110	105	100	125	125	205	1700/215 (340)	1700/215 (340)	950/140 (260)	IP54/IP56	IP67
M-900	iB	360	30/B	-	-	●	○	360	2655	6	± 0.3	1540	370	151	224	720	250	720	110	105	100	110	110	180	1960/260 (460)	1960/260 (460)	1050/160 (360)	IP54/IP56	IP67
M-900	iB	400L	30/B	-	-	●	○	400	3704	6	± 0.5	3150	360	154	160	720	244	720	80	80	80	100	100	160	3400/1098	3400/1098	1725/444	IP54/IP56	IP67
M-900	iB	700	30/B	-	-	●	○	700	2832	6	± 0.3	2800	360	154	160	720	244	720	80	80	80	100	100	160	3400/1098	3400/1098	1725/444	IP54/IP56	IP67

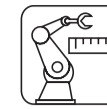
● standard ○ on request - not available () with hardware and/or software option



M-2000iA/1700L



Max. load capacity at wrist: **2300 kg**



Max. reach: **4683 mm**

Available robot versions:

M-2000iA/900L, /1700L Long arm

M-2000iA/1200, /2300 Standard model

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-2000	iA	900L	30/B	-	-	●	○	900	4683	6	± 0.5	9600	330	160	165	720	240	720	45	30	30	50	50	70	14700/2989	14700/2989	4900/2195	IP54/IP56	IP67
M-2000	iA	1200	30/B	-	-	●	○	1200 (1350)	3734	6	± 0.3	8600	330	160	165	720	240	720	45	30 [25]	30	50	50	70	14700/2989	14700/2989	4900/2195	IP54/IP56	IP67
M-2000	iA	1700L	30/B	-	-	●	○	1700	4683	6	± 0.5	12500	330	160	165	720	240	720	20	14	14	18	18	40	29400/7500	29400/7500	8820/5500	IP54/IP56	IP67
M-2000	iA	2300	30/B	-	-	●	○	2300	3734	6	± 0.3	11000	330	160	165	720	240	720	20	14	14	18	18	40	29400/7500	29400/7500	8820/5500	IP54/IP56	IP67

● standard ○ on request - not available () with hardware and/or software option



R-1000iA/80F



Max. load capacity at wrist: **100 kg**



Max. reach: **2230 mm**

Available robot versions:

R-1000iA/80H 5-axis

R-1000iA/80F, /100F Standard model

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
R-1000	iA	80H	30/B	-	○	●	○	80	2230	5	± 0.2	610	360	245	215	20	720	-	185	180	180	180	500	-	-/48	-/25	-	IP54/IP56	IP67
R-1000	iA	80F	30/B	-	○	●	○	80	2230	6	± 0.2	620	360	245	360	720	250	720	170	140	160	230	230	350	380/30	380/30	200/20	IP54/IP56	IP67
R-1000	iA	100F	30/B	-	○	●	○	100	2230	6	± 0.2	665	360	245	360	720	250	720	130	110	120	170	170	250	690/57	690/57	260/32	IP54/IP56	IP67

● standard ○ on request - not available () with hardware and/or software option



M-2iA/3S



Max. load capacity at wrist: **6 kg**



Max. reach: **1130 mm**

Available robot versions:

- M-2iA/3S 4-axis, hollow wrist
- M-2iA/3SL 4-axis, long arm, hollow wrist
- M-2iA/3A 6-axis,
- M-2iA/3AL 6-axis, long arm
- M-2iA/6H 3-axis, hollow wrist
- M-2iA/6HL 3-axis, long arm, hollow wrist

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-2	iA	3S	30/B	●	○	○	-	3	800	4	± 0.1	120	∅ 800 x 300 *3)			720	-	-	-	-	-	3500	-	-	-	-	*4)	IP67/IP69K	IP69K
M-2	iA	3A	30/B	●	○	○	-	3	800	6	± 0.1	140	∅ 800 x 300 *3)			720	300	720	-	-	-	1700	1700	1700	-	-	-	-	-
M-2	iA	3SL	30/B	●	○	○	-	3	1130	4	± 0.1	120	∅ 1130 x 400 *3)			720	-	-	-	-	-	3500	-	-	-	-	-	-	-
M-2	iA	3AL	30/B	●	○	○	-	3	1130	6	± 0.1	140	∅ 1130 x 400 *3)			720	300	720	-	-	-	1700	1700	1700	-	-	-	-	-
M-2	iA	6H	30/B	●	○	○	-	6	800	3	± 0.1	115	∅ 800 x 300 *3)			-	-	-	-	-	-	-	-	-	-	-	-	-	
M-2	iA	6HL	30/B	●	○	○	-	6	1130	3	± 0.1	115	∅ 1130 x 400 *3)			-	-	-	-	-	-	-	-	-	-	-	-	-	

● standard ○ on request - not available () with hardware and/or software option *3) ∅ in mm by height in mm *4) refer to the wrist load diagramm



M-3iA/6A



Max. load capacity at wrist: **12 kg**



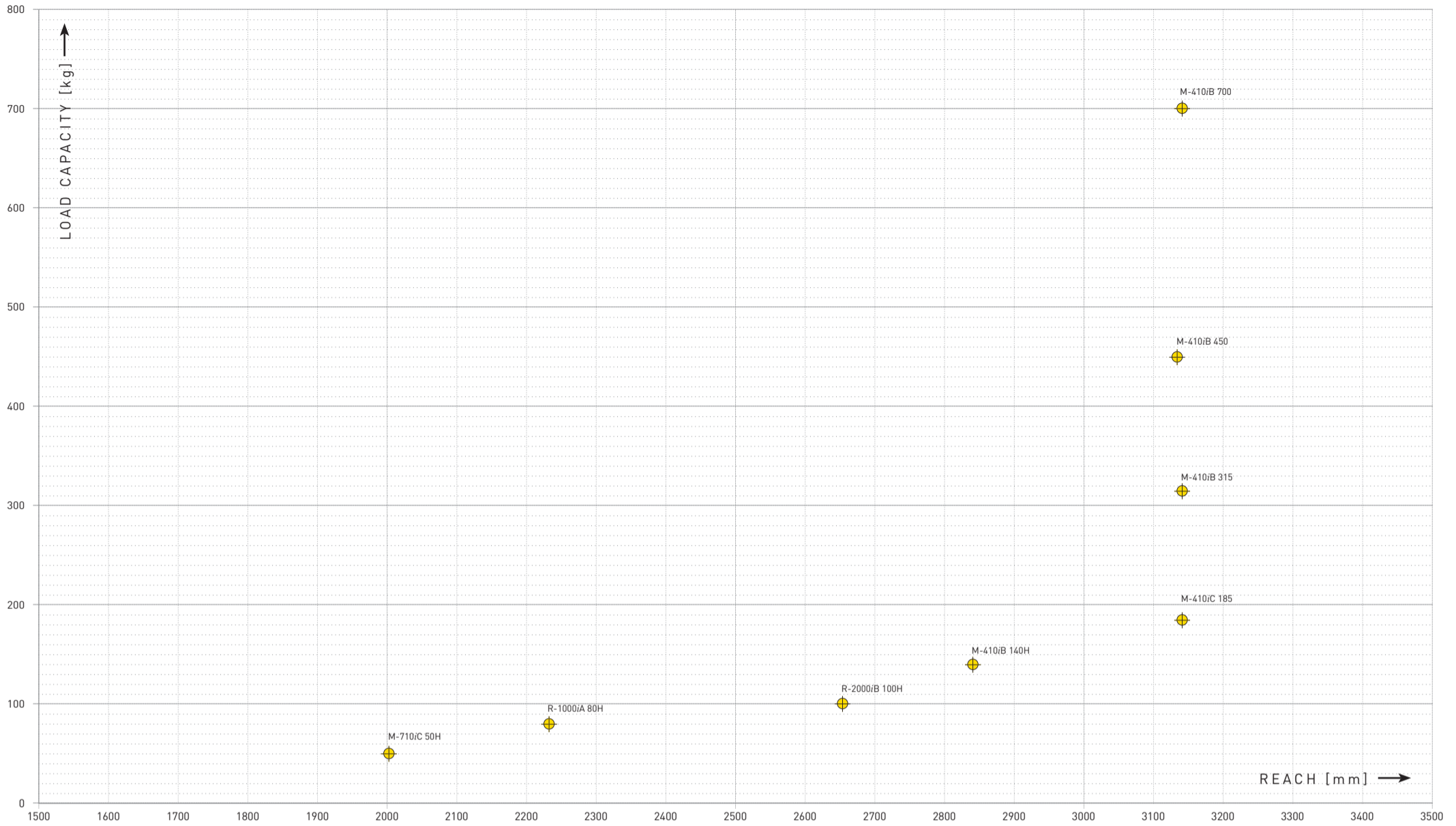
Max. reach: **1350 mm**

Available robot versions:

- M-3iA/6S 4-axis, hollow wrist
- M-3iA/6A 6-axis
- M-3iA/12H 3-axis, hollow wrist

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-3	iA	6S	30/B	●	○	○	-	6 (8)	1350	4	± 0.1	160	∅ 1350 x 500 *3)			720	-	-	-	-	-	4000	-	-	-	-	-	-	-
M-3	iA	6A	30/B	●	○	○	-	6	1350	6	± 0.1	175	∅ 1350 x 500 *3)			720	300	720	-	-	-	4000	2000	2000	-	-	-	-	-
M-3	iA	12H	30/B	●	○	○	-	12	1350	3	± 0.1	155	∅ 1350 x 500 *3)			-	-	-	-	-	-	-	-	-	-	-	-	-	

● standard ○ on request - not available () with hardware and/or software option *3) ∅ in mm by height in mm *4) refer to the wrist load diagramm



Palletising Robots

M-710iC/50H

R-1000iA/80H

R-2000iB/100H

M-410 Series



Available robot versions:

M-710iC/50H 5-axis

Available robot versions:

R-1000iA/80H 5-axis

Available robot versions:

R-2000iB/100H 5-axis

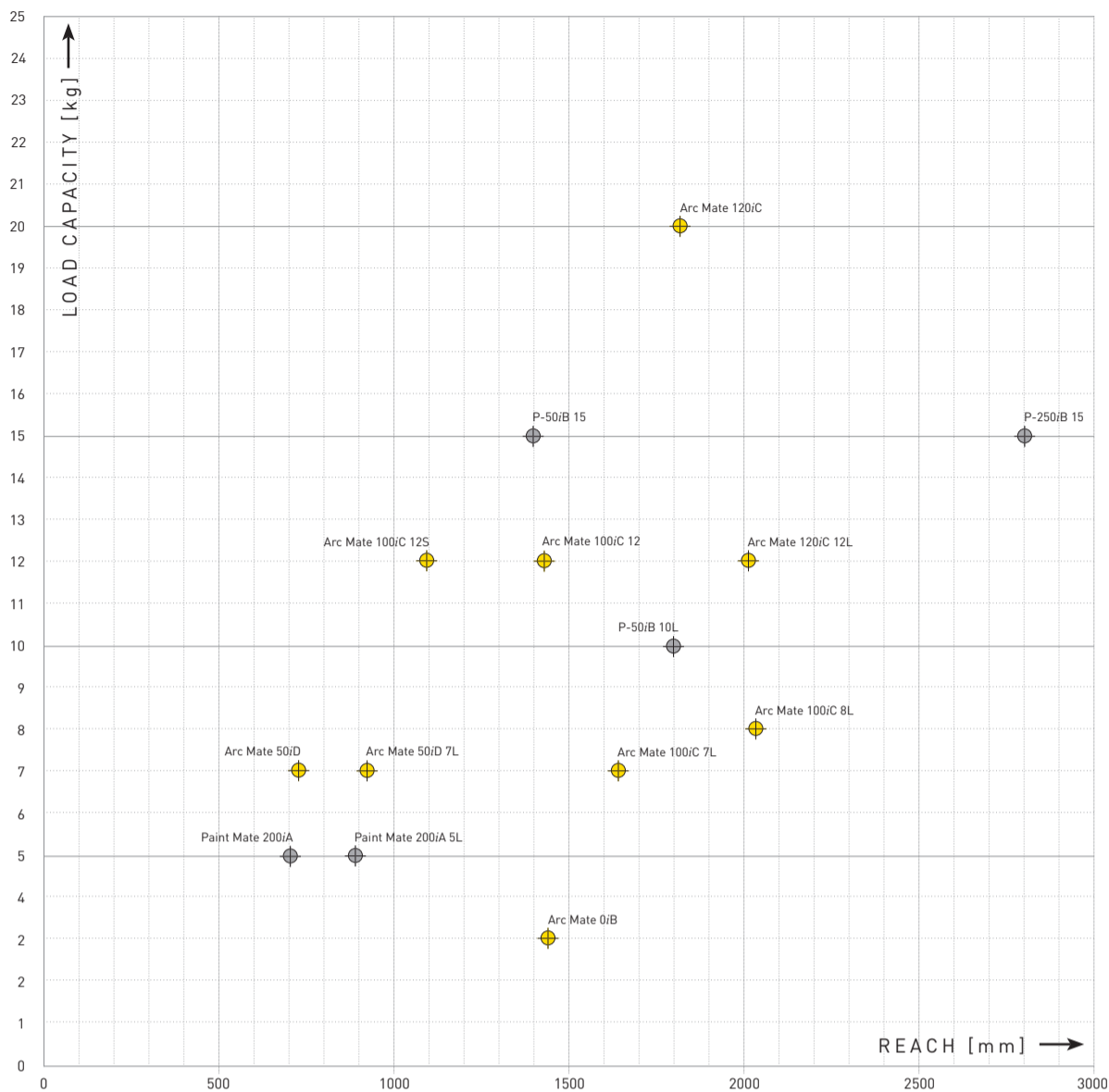
Available robot versions:

M-410iB/140H 5-axis
 M-410iB/450, /700 Hollow wrist
 M-410iC/185, /315 Hollow wrist

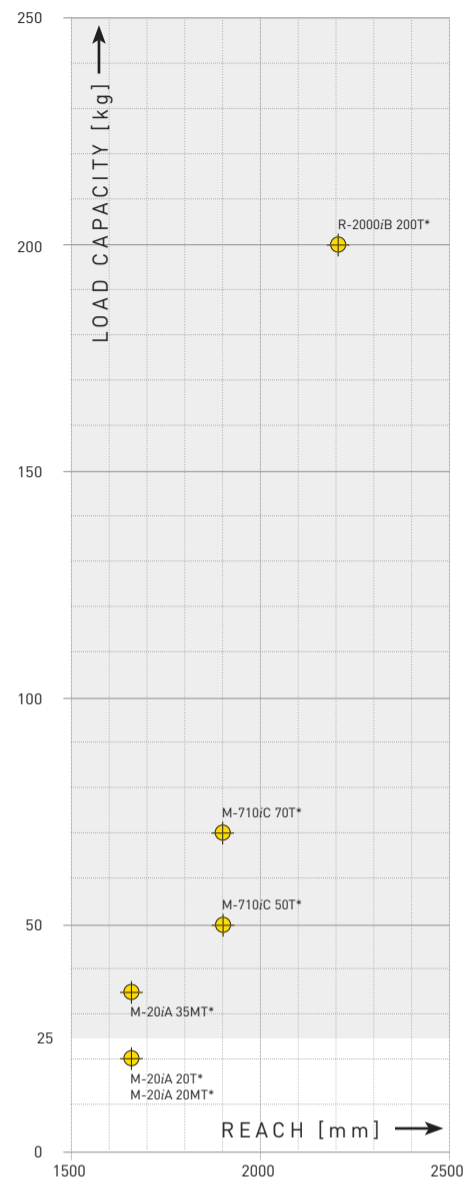
Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Open air cabinet	Mate cabinet	A-cabinet						B-cabinet	J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm²)	J5 Moment/ Inertia (Nm/kgm²)	J6 Moment/ Inertia (Nm/kgm²)	Body standard/ optional	Wrist & J3 arm standard/ optional
M-710	iC	50H	30iB	-	○	●	○	50	2003	5	± 0.15	540	360	225	440	234	720	-	175	175	175	175	720	-	150/6.3	68/2.5	-	IP54/IP67	IP67
R-1000	iA	80H	30iB	-	○	●	○	80	2230	5	± 0.2	610	360	245	215	20	720	-	185	180	180	180	500	-	-/48	-/25	-	IP54/IP56	IP67
R-2000	iB	100H	30iB	-	○	●	○	100	2655	5	± 0.2	1150	360	136	362	250	720	-	130	130	130	170	360	-	441/39.2	245/15.7	-	IP54	IP67
M-410	iB	140H	30iB	-	-	●	○	140	2850	5	± 0.2	1200	360	155	112	20	720	-	140	115	135	135	420	-	147	53	-	IP54	IP54
M-410	iC	185	30iB	-	-	●	○	185	3143	4	± 0.5	1600 (11330)	360	144	136	720	-	140	140	140	305	-	-	-	88	-	-	IP54	IP54
M-410	iC	315	30iB	-	-	●	○	315	3143	4	± 0.5	1600 (1330)	360	144	136	720	-	90	100	110	195	-	-	-	155	-	-	IP54	IP54
M-410	iB	450	30iB	-	-	●	○	450	3130	4	± 0.5	2430	360	145	135	540	-	70	70	70	180	-	-	-	196 (294)	-	-	IP54	IP54
M-410	iB	700	30iB	-	-	●	○	700	3143	4	± 0.5	2700	360	144	136	540	-	60	60	60	120	-	-	-	490	-	-	IP54	IP54

● standard ○ on request - not available () with hardware and/or software option

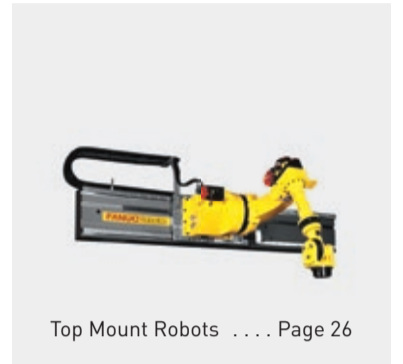
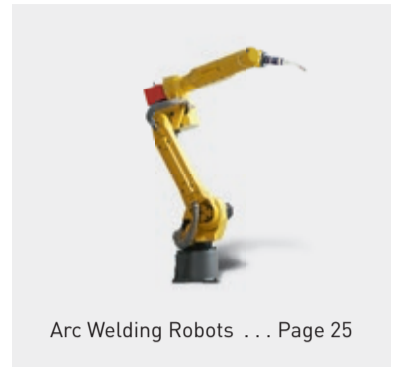
Arc Welding and Paint Robots



Top Mount Robots



*1) depending on rail specification



Arc Welding Robots

Arc Mate 0 Series



Arc Mate 50 Series



Arc Mate 100 Series



Arc Mate 120 Series



Available robot versions:

Arc Mate 0iB Standard model

Available robot versions:

Arc Mate 50iD Standard model
Arc Mate 50iD/7L Long arm

Available robot versions:

Arc Mate 100iC/7L Long arm
Arc Mate 100iC/8L Long arm
Arc Mate 100iC/12S Short arm
Arc Mate 100iC/12 Standard model

Available robot versions:

Arc Mate 120iC/12L Long arm
Arc Mate 120iC Standard model

Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s)						Protection					
Series	Version	Type	Version	Open air cabinet	Mate cabinet	A-cabinet						B-cabinet	J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional
ARC Mate 0	iB		30iB	-	●	-	-	3	1437	6	± 0.08	145	360	250	455	380	280	720	225	215	225	425	425	625	8.9/0.28	8.9/0.28	3.0/0.035	IP54	IP54
ARC Mate 50	iD		30iB	-	●	-	-	7	717	6	± 0.02	25	360	245	420	380	250	720	450	380	520	550	545	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
ARC Mate 50	iD	7L	30iB	-	●	-	-	7	911	6	± 0.03	27	360	245	430	380	250	720	370	310	410	550	545	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
ARC Mate 100	iC	7L	30iB	-	○	●	-	3 [7]	1633	6	± 0.08	135	340 [360]	250	447	380	280 [380]	540 [720]	230	225	230	430	430	630	7.7/0.24	7.7/0.24	0.2/0.0027	IP54	IP54
ARC Mate 100	iC	8L	30iB	-	○	●	○	3 [8]	2028	6	± 0.08	150	340 [370]	255	462	400	280 [360]	540 [900]	200	200	210	430	430	630	7.7/0.24	7.7/0.24	0.2/0.0027	IP54	IP54
ARC Mate 100	iC	12S	30iB	-	○	●	○	3 [12]	1098	6	± 0.08	130	340 [360]	250	340	380	280 [380]	540 [720]	260	280	315	430	430	630	7.7/0.24	7.7/0.24	0.2/0.0027	IP54	IP54
ARC Mate 100	iC	12	30iB	-	○	●	○	3 [12]	1420	6	± 0.08	130	340 [360]	250	447	380	280 [380]	540 [720]	230	225	230	430	430	630	7.7/0.24	7.7/0.24	0.2/0.0027	IP54	IP54
ARC Mate 120	iC	12L	30iB	-	○	●	○	3 [12]	2009	6	± 0.08	250	370	260	460,6	400	280 [360]	540 [900]	200	175	190	430	430	630	7.7/0.24	7.7/0.24	0.22/0.0027	IP54	IP54
ARC Mate 120	iC		30iB	-	○	●	○	3 [20]	1811	6	± 0.08	250	370	260	458	400	280 [360]	540 [900]	195	175	180	360	360	550	7.7/0.24	7.7/0.24	0.22/0.0027	IP54	IP54

● standard ○ on request - not available () with hardware and/or software option

M-20iA/20T
M-20iA/20MT
M-20iA/35MT

M-710iC/50T
M-710iC/70T

R-2000iB/200T



Available robot versions:

M-20iA/20T	Top mount
M-20iA/20MT	Top mount
M-20iA/35MT	Top mount

Available robot versions:

M-710iC/50T	Top mount
M-710iC/70T	Top mount

Available robot versions:

R-2000iB/200T	Top mount
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Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection					
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional	
M-20	iA	20T	30iB	-	-	●	○	20	1662 *1)	6	± 0.08	185	*1)	300	586	400	360	900	*1)	175	180	360	360	550	44/1.04	44/1.04	22/0.28	IP54	IP67
M-20	iA	20MT	30iB	-	-	●	○	20	1663 *1)	6	± 0.08	185	*1)	300	586	400	280	900	*1)	175	180	405	405	615	45.1/2.01	45.1/2.01	30.0/1.01	IP54	IP67
M-20	iA	35MT	30iB	-	-	●	○	35	1663 *1)	6	± 0.08	187	*1)	300	586	400	280	900	*1)	180	200	350	350	400	110/4	110/4	60.0/1.5	IP54	IP67
M-710	iC	50T	30iB	-	○	●	○	50	1900 *1)	6	± 0.07	410	*1)	261	491	720	250	720	*1)	175	175	250	250	355	206/28	206/28	127/11	IP54/IP67	IP67
M-710	iC	70T	30iB	-	○	●	○	70	1900 *1)	6	± 0.07	410	*1)	261	491	720	250	720	*1)	120	120	225	225	225	294/28	294/28	147/11	IP54/IP67	IP67
R-2000	iB	200T	30iB	-	-	●	○	200	2208 *1)	6	± 0.3	1100	*1)	245	406	720	250	720	*1)	70	90	110	110	155	1274/117.6	1274/117.6	686/58.8	IP54/IP56	IP67

● standard ○ on request - not available () with hardware and/or software option *1) depending on rail specification

Paint Mate 200 Series

P-50 Series

P-250 Series



Available robot versions:

Paint Mate 200iA	Standard model
Paint Mate 200iA/5L	Long arm

Available robot versions:

P-50iB/10L	Long arm
P-50iB/15	Standard model

Available robot versions:

P-250iB/15	Standard model
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Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Protection				
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Body standard/ optional	Wrist & J3 arm standard/ optional
Paint Mate 200	iA		30iA	-	●	-	-	5	704	6	± 0.02	35	340	200	388	380	240	720	350	350	400	450	450	720	11.9/0.3	11.9/0.3	6.7/0.1	*5)
Paint Mate 200	iA	5L	30iA	-	●	-	-	5	892	6	± 0.03	37	340	230	373	380	240	720	270	270	270	450	450	720	11.9/0.3	11.9/0.3	6.7/0.1	*5)
P-50	iB	10L	30iA	-	●	-	-	10	1800	6	± 0.2	331	320	240	404	1080	1080	1080	140	140	160	375	430	545	43.35/1.954	36.86/1.413	4.90/0.025	*5)
P-50	iB	15	30iA	-	●	-	-	15	1400	6	± 0.2	323	320	240	404	1080	1080	1080	140	140	160	375	430	545	65.02/2.931	55.29/2.119	7.36/0.038	*5)
P-250	iB	15	30iB	-	-	●	-	15	2800	6	± 0.2	530	320	280	330	1080	1080	1080	160	160	160	375	430	545	65.4/2.999	55.3/2.158	7.4/0.073	*5)

● standard ○ on request - not available () with hardware and/or software option *5) ATEX certified Cat. II Group 2G and 2D

The R-30iB controller is the FANUC standard for smarter productivity. A new generation of advanced technology and enhanced integrated FANUC hard- and more than 250 software functions are key for the robot performance in terms of cycle-time, speed, accuracy and safety. Increased user-friendliness, minimum energy consumption and highest productivity maximises the overall functionality, reliability and operability. Different cabinet variants are available in order to provide a flexible and a cost effective solution.

Your advantages:

- space saving by compact and stackable design
- easy operation with smart iPendant Touch
- flexible connections by broad range of fieldbus & safety bus
- ready for intelligent functions as vision, force, interference check etc.
- flexible integration via 3 Ethernet ports
- easy system diagnosis via included iRDiagnostics function
- separate PMS processor for maximum performance
- energy saving by optimised energy efficiency and energy regeneration



The lightweight and ergonomically designed FANUC iPendant Touch with its intuitive graphic user interface provides user-friendly programming for both programmers and on-site operators.

Your advantages:

- comfortable operation by touch screen and graphical iPendant Editor
- time saving direct access of 2 additional axis using new jog keys
- easy customisation of user defined HTML screens
- direct switch between motion groups using new key
- make the invisible visible using 4D graphics to visualise tool and frame settings, safety zones and robot path
- more information provided using multi-window display
- easy setup/modification of iRVision via iPendant
- USB connection for memory stick, mouse or USB-Cam





Original FANUC Accessories and Functions for Intelligence

iRVision

Unique integrated FANUC “plug & play” visual detection system – improved flexibility for picking random stationary products

iRPickTool (Visual line tracking)

Combination of integrated FANUC iRVision with line tracking, for higher flexibility when picking random products on a moving conveyor

iRCalibration suite

iRCalibration provide different service functions, by using of iRVision functionality, to simplify robot mastering, remastering, UFrame and UTool setting, Frame shifting and coordinated pair setting (precise and easy setup of coordinated robots and/or positioners).

Force Sensors

Integrated FANUC force sensor provides highly sensitive force control for assembly, deburring, polishing and many other applications.

3D Area Sensor

Unique integrated 3D high speed detection system for bin picking of random products and depalletsing.

Intelligence functions

dedicated functions with keen instructions, interfaces, screens and exclusive features to simplify and standardise the programming, setup and operation of your robot.



Original FANUC Accessories and Functions for Motion

Integrated external axis

Fully integrated standardised and comprehensive external axis packages – up to 82 axes, for easy usage in external axis solutions (robot rail unit, custom-made manipulator, ...)

Multi-arm

For complex or coordinated multiple robot movements controlled by a single controller

Positioners

A wide range of FANUC integrated positioners – the ideal solution for coordinated motion and manipulating work pieces.

Learning Vibration Control

cycle time improvement by the optimisation of path motion using a dedicated sensor to compensate tool vibrations.

Motion functions

dedicated functions with keen instructions, interfaces, screens and exclusive features to simplify and standardise the programming, setup and operation of your robot.



Original FANUC Accessories and Functions for Safety

Motion safety

Dual Check Safety (DCS) for reliable checking of position and robot speed in predefined three-dimensional zones – higher safety for operators, machines and periphery

Motion guard

High Sensitive Collision Detection (HSCD) for minimal damages in the event of a collision and optimised cycle time and energy consumption after using payload identification

Safety functions

dedicated functions with keen instructions, interfaces, screens and exclusive features to simplify and standardise the programming, setup and operation of your robot.



Original FANUC Accessories and Functions for Interfaces

Digital I/O

Easy handshake setup using digital input and output interface communication between robot and other periphery

Field bus

Faster handshake setup using a wide variety of fieldbus standards (Profibus, Modbus, Devicenet, Profinet, Ethernet ...)

Interface functions

dedicated functions with keen instructions, interfaces, screens and exclusive features to simplify and standardise the programming, setup and operation of your robot.



Original FANUC Accessories and Functions for Comfort

iPendant Touch

A color, internet-ready iPendant Touch for even easier and faster programming using pictogram functions plus cost savings by using the touchscreen for custom HMI applications

Roboguide

Simulation software for offline programming, easy setup of robot cell's and feasibility studies with huge library of simulation tools.

Application functions

dedicated functions with keen instructions, interfaces, screens and exclusive features to simplify and standardise the programming, setup and operation of your robot.

Ask your local FANUC office!



A Real Robot on your PC

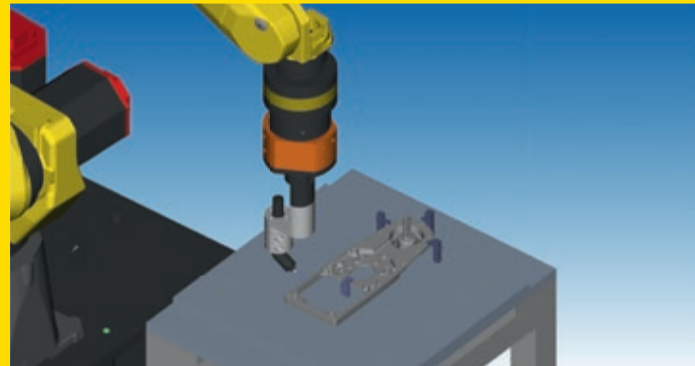
FANUC Roboguide is PC based simulation software which support realistic test cell setup on PC, offline programming, import and optimisation of real robot programs and training of robot programmers.

**Roboguide:
Standard Functions**

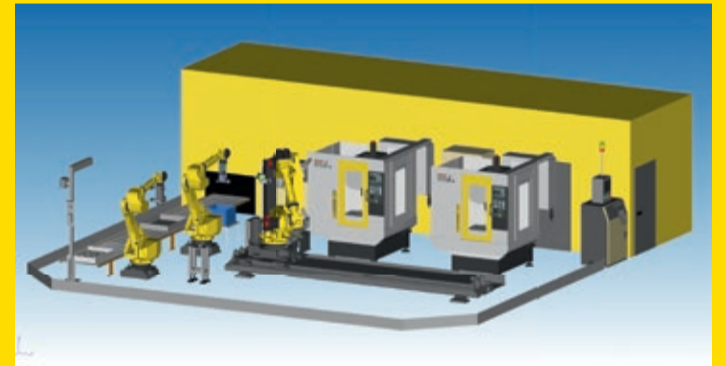
FANUC Roboguide offers many standard functions to allow greater functionality and ease of use. Functions aimed at specific applications and areas to allow the user to determine the capability of the cell before construction on the shop floor.

- CAD Interface
- Program Generation
- Quick Teach
- CAD to Path
- Closed Loop Detection
- Interference Checking
- Highly Accurate Simulation
- LVC Simulation
- Servo Gun Simulation
- Cable Simulation
- Bead Model
- Target Trace
- Signal Timing Display
- NC Guide Communication
- PLC Communication
- TPP Template
- 4D Edit

**Roboguide:
Package Plug-Ins**



ChamferingPRO



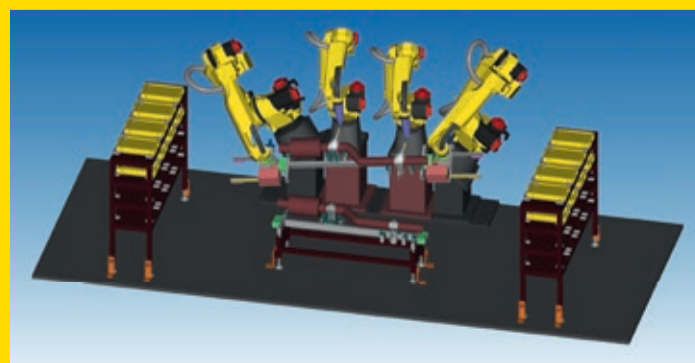
HandlingPRO



iRPickPRO



PalletPRO-TP



WeldPRO



PaintPRO

Intensive application support and personal customer service with a complete portfolio from standard solutions to tailor-made packages are major aspects of the yellow world. Our very skilled and dedicated team supports and assists you during the whole life cycle of your FANUC products: from the first contact until the installation is up and running and up to the end of its service life. For sustainable success and extremely low total cost of ownership.

Nobody knows our products better than we do.



Parts

- worldwide distribution network
- life-time parts coverage
- 24/7 parts dispatch
- online availability check
- consignment stock
- stock pooling
- customised parts services



Training

- worldwide network of training centres
- professional FANUC instructors
- latest training equipment
- customised training programs
- on-site training



Service

- predictive
- preventive
- corrective
- extended warranties
- 24-hour hotline support remote services
- retrofit and refurbishment



Wherever you need us: we are there

With the largest global network of local subsidiaries in all continents, we are always there to meet your needs when you need us. Fast and efficient – 24/7. So you always have a local contact that speaks your language.



FANUC Academy

We help you get the most potential out of your automation by optimising the skills of your employees. Certified FANUC instructors train them in our fully equipped professional training centers, or at your own premises, using standard training modules as well as customised training packages to meet your specific needs.

Let's optimise your productivity.



Robot			Controller				Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)	Protection		
Series	Version	Type	Version	Cabinet type								J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6				Body standard/ optional	Wrist & J3 arm standard/ optional	
Articulated Robots																													
LR Mate Series																													
LR Mate 200	iD	4SH	30iB	○	●	-	-	4	550	5	±0.02	19	360	230	402	240	720	-	460	460	520	560	1500	-	8.86/0.2	4.0/0.046 [5.5/0.083]	-	IP67	IP67
LR Mate 200	iD	4S	30iB	○	●	-	-	4	550	6	±0.02	20	360	230	402	380	240	720	460	460	520	560	900	900	8.86/0.2	8.86/0.2	4.9/0.067	IP67	IP67
LR Mate 200	iD	4SC	30iB	○	●	-	-	4	550	6	±0.02	20	360	230	402	380	236	720	460	460	520	560	900	900	8.86/0.2	8.86/0.2	4.9/0.067	IP67	IP67
LR Mate 200	iD	7H	30iB	○	●	-	-	7	717	5	±0.02	24	360	245	420	250	720	-	450	380	520	545	1500	-	16.6/0.47	4.0/0.046 [5.5/0.15]	-	IP67/IP69K	IP67/IP69K
LR Mate 200	iD	7C	30iB	○	●	-	-	7	717	6	±0.02	25	360	245	420	380	250	720	450	380	520	550	545	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67	IP67
LR Mate 200	iD	7WP	30iB	○	●	-	-	7	717	6	±0.02	25	360	245	420	380	250	720	450	380	520	550	545	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
LR Mate 200	iD		30iB	○	●	-	-	7	717	6	±0.02	25	360	245	420	380	250	720	450	380	520	550	545	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
LR Mate 200	iD	7L	30iB	○	●	-	-	7	911	6	±0.03	27	360	245	430	380	250	720	370	310	410	550	545	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67/IP69K	IP67/IP69K
LR Mate 200	iD	7LC	30iB	○	●	-	-	7	911	6	±0.03	27	360	245	430	380	250	720	370	310	410	550	545	1000	16.6/0.47	16.6/0.47	9.4/0.15	IP67	IP67
M-430 Series																													
M-430	iA	2P	30iB	-	-	●	○	2	700	6	±0.5	45	360	230	400	380	300	540	300	320	340	300	300	720	3.5/0.032	3.5/0.032	1.5/0.0065	IP67	IP67
M-430	iA	2PH	30iB	-	-	●	○	2	900	6	±0.5	57	360	230	383	380	300	540	300	320	320	500	500	1700	3.5/0.032	3.5/0.032	1.5/0.0065	IP67	IP67
M-430	iA	4FH	30iB	-	-	●	○	4	900	5	±0.5	55	360	230	383	300	540	-	300	320	320	360	2000	-	3.5/0.064	0/0.01	-	IP67	IP67
M-10 Series																													
M-10	iA	7L	30iB	-	○	●	○	7	1633	6	±0.08	135	340[360]	250	447	380	280[380]	540[720]	230	225	230	430	430	630	15.7/0.63	10.1/0.38	5.9/0.061	IP54/IP55	IP67
M-10	iA	8L	30iB	-	○	●	○	8	2028	6	±0.08	150	340[370]	255	462	400	280[360]	540[900]	200	200	210	430	430	630	7.7/0.24	7.7/0.24	0.2/0.0027	IP54/IP55	IP67
M-10	iA	10MS	30iB	-	○	●	○	10	1101	6	±0.08	130	340[360]	250	441	380	280	720	260	280	315	420	420	720	26.0/0.9	26.0/0.9	11.0/0.3	IP54/IP55	IP67
M-10	iA	10M	30iB	-	○	●	○	10	1422	6	±0.08	130	340[360]	250	445	400	280	720	225	205	225	420	420	700	26.0/0.9	26.0/0.9	11.0/0.3	IP54/IP55	IP67
M-10	iA	12S	30iB	-	○	●	○	12	1098	6	±0.08	130	340[360]	250	340	380	280[380]	540[720]	260	280	315	430	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP55	IP67
M-10	iA	12	30iB	-	○	●	○	12	1420	6	±0.08	130	340[360]	250	447	380	280[380]	540[720]	230	225	230	430	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP55	IP67
M-20 Series																													
M-20	iA	12L	30iB	-	○	●	○	12	2009	6	±0.08	250	370	260	460,6	400	360	900	200	175	190	430	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP55	IP67
M-20	iA	20T	30iB	-	-	●	○	20	1662 *1)	6	±0.08	185	*1)	300	586	400	360	900	*1)	175	180	360	360	550	44/1.04	44/1.04	22/0.28	IP54	IP67
M-20	iA		30iB	-	○	●	○	20	1811	6	±0.08	250	370	260	458	400	360	900	195	175	180	360	360	550	44.0/1.04	44.0/1.04	22.0/0.28	IP54/IP55	IP67
M-20	iA	20M	30iB	-	○	●	○	20	1813	6	±0.08	250	370	260	460,6	400	280	900	195	175	180	405	405	615	45.1/2.01	45.1/2.01	30.0/1.01	IP54/IP55	IP67
M-20	iA	20MT	30iB	-	-	●	○	20	1663 *1)	6	±0.08	185	*1)	300	586	400	280	900	*1)	175	180	405	405	615	45.1/2.01	45.1/2.01	30.0/1.01	IP54	IP67
M-20	iB	25	30iB	-	○	●	-	25	1850	6	±0.05	250	340[360]	---	---	---	---	---	205	205	260	415	415	880	51/2.2	51/2.2	31/1.2	IP67	IP67
M-20	iA	35M	30iB	-	○	●	○	35	1813	6	±0.08	252	370	260	461,0	400	280	900	180	180	200	350	350	400	110/4	110/4	60.0/1.5	IP54/IP55	IP67
M-20	iA	35MT	30iB	-	-	●	○	35	1663 *1)	6	±0.08	187	*1)	300	586	400	280	900	*1)	180	200	350	350	400	110/4	110/4	60.0/1.5	IP54	IP67
*1) depending on rail specification																													
M-410 Series																													
M-410	iB	140H	30iB	-	-	●	○	140	2850	5	±0.2	1200	360	155	112	20	720	-	140	115	135	135	420	-	147	53	-	IP54	IP54
M-410	iC	185	30iB	-	-	●	○	185	3143	4	±0.5	1600 [1330]	360	144	136	720	-	-	140	140	140	305	-	-	88	-	-	IP54	IP54
M-410	iC	315	30iB	-	-	●	○	315	3143	4	±0.5	1600 [1330]	360	144	136	720	-	-	90	100	110	195	-	-	155	-	-	IP54	IP54
M-410	iB	450	30iB	-	-	●	○	450	3130	4	±0.5	2430	360	145	135	540	-	-	70	70	70	180	-	-	196 [294]	-	-	IP54	IP54
M-410	iB	700	30iB	-	-	●	○	700	3143	4	±0.5	2700	360	144	136	540	-	-	60	60	60	120	-	-	490	-	-	IP54	IP54
M-710 Series																													
M-710	iC	12L	30iB	-	○	●	○	12	3123	6	±0.15	540	360	225	434	400	380	720	180	180	180	400	430	630	22.0/0.65	22.0/0.65	9.8/0.17	IP54/IP67	IP67
M-710	iC	20L	30iB	-	○	●	○	20	3110	6	±0.15	540	360	225	432	400	280	900	175	175	180	350	360	600	39.2/0.88	39.2/0.88	19.6/0.25	IP54/IP67	IP67
M-710	iC	45M	30iB	-	○	●	○	45	2606	6	±0.1	570	360	225	440	800	250	800	180	180	250	250	360	206/28	206/28	127/20	IP54/IP67	IP67	
M-710	iC	50S	30iB	-	○	●	○	50	1359	6	±0.07	545	360	169	376	720	250	720	175	175	175	250	250	355	206/28	206/28	127/11	IP54/IP67	IP67
M-710	iC	50T	30iB	-	○	●	○	50	1900 *1)	6	±0.07	410	*1)	261	491	720	250	720	*1)	175	175	250	250	355	206/28	206/28	127/11	IP54/IP67	IP67
M-710	iC	50H	30iB	-	○	●	○	50	2003	5	±0.15	540	360	225	440	234	720	-	175	175	175	250	-	-	150/6.3	68/2.5	-	IP54/IP67	IP67
M-710	iC	50	30iB	-	○	●	○	50	2050	6	±0.07	560	360	225	440	720	250	720	175	175	175	250	250	355	206/28	206/28	127/11	IP54/IP67	IP67
M-710	iC	50E	30iB	-	○	●	○	50	2050	6	±0.07	560	360	225	440	720	380	720	175	175	175	250	240	340	206/28	176/10.8	98/3.3	IP54/IP67	IP67
M-710	iC	70T	30iB	-	○	●	○	70	1900 *1)	6	±0.07	410	*1)	261	491	720	250	720	*1)	120	120	225	225	225	294/28	294/28	147/11	IP54/IP67	IP67
M-710	iC	70	30iB	-	○	●	○	70	2050	6	±0.07	560	360	225	440	720	250	720	160	120	120	225	225	225	294/28	294/28	147/11	IP54/IP67	IP67
*1) depending on rail specification																													
M-900 Series																													
M-900	iA	150P	30iB	-	-	●	○	150	3507	6	±0.3	1860	360	180	180	720	250	720	110										

**Push
the
button**



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