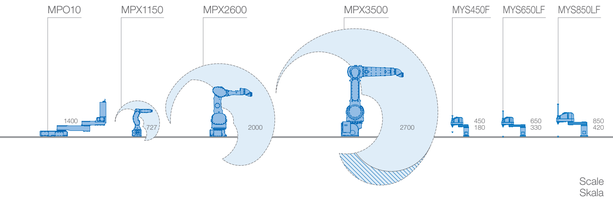


* Details: See load diagram in user manual | Details: Siehe Load-Diagram im User-Manual
** F = Floor | Boden, W = Wall | Wand, C = Ceiling | Decke

Technical data Technische Daten		Painting, Dispensing & Sealing Lackieren, Dosieren & Versiegeln				Picking, Packing & Handling Picken, Packen & Handling			
		MPO10/MPX-series | MPO10/MPX-Serie				MYS-series | MYS-Serie			
		MPO10	MPX1150	MPX2600	MPX3500		MYS450F	MYS650LF	MYS850LF
Industrial robot controller Industrieroboter-Steuerung		DX200	DX200	DX200	DX200		FS100	FS100	FS100
Controlled axes Gesteuerte Achsen		3	6	6	6		4	4	4
Max. payload * Max. Traglast *	[kg]	10	5	15	10		6	6	10
Repeatability Wiederholgenauigkeit	[mm]	± 0.15	± 0.02	± 0.2	± 0.15	1. + 2. axis | 1. + 2. Achse Z-axis | Z-Achse U-axis | U-Achse	± 0.015 ± 0.010 ± 0.005	± 0.015 ± 0.010 ± 0.005	± 0.025 ± 0.010 ± 0.005
Max. working range R Max. Arbeitsbereich R	[mm]	1400	727	2000	2700	1. + 2. axis | 1. + 2. Achse Z-axis | Z-Achse	450 180	650 330	850 420
Allowable moment of inertia Max. Trägheitsmoment	[kg · m²]	1 (Flange/ Fansch)	0.3 (R) 0.3 (B) 0.1 (T)	3.75 (R) 2.225 (B) 0.20 (T)	3.75 (R) 2.23 (B) 0.20 (T)	U-axis | U-Achse [nom.] U-axis | U-Achse [max.]	0.01 0.12	0.01 0.12	0.02 0.25
Weight Gewicht	[kg]	350	57	485	560		27	27	48
Power supply, average Mittlere Anschlußleistung	[KVA]	1.25	1	3	3		–	–	–
Mounting option ** Montagemöglichkeit **		F	F, W, C	F, W, C	F, W, C		F	F	F
Colour Farbe		YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue		White	White	White

YASKAWA GROUP

AT YASKAWA Austria
Schwechat/Wien
+43(0)1-707-9324-15

CZ YASKAWA Czech s.r.o.
Rudná u Prahy
+420-257-941-718

ES YASKAWA Ibérica, S.L.
Gavà/Barcelona
+34-93-6303478

FR YASKAWA France SARL
Saint-Aignan-de-Grand-Lieu
+33-2-40131919

FI YASKAWA Finland Oy
Turku +358-(0)-403000600

GB YASKAWA UK Ltd.
Banbury +44-1295-272755

IT YASKAWA Italia s.r.l.
Torino +39-011-9005833

IL YASKAWA Europe Technology Ltd.
Rosh Ha'ayin +972-3-9004114

NL YASKAWA Benelux B.V.
Son +31-40-2895500

PL YASKAWA Polska Sp. z o.o.
Wrocław +48-71-7928670

RU YASKAWA Nordic AB
Moskva +46-480-417-800

SE YASKAWA Nordic AB
Torsås +46-480-417-800

SI YASKAWA Slovenia
Ribnica +386-1-8372-410

TR YASKAWA Turkey Elektrik
Ticaret Ltd. Sti.
Istanbul +90-216-5273450

ZA YASKAWA Southern Africa (PTY) Ltd
Johannesburg +27-11-6083182

DISTRIBUTORS

BG ARAMET ROBOTICS Ltd.
Yambol +359-885 317 294

Kammarton Bulgaria Ltd.
Sofia +359-02-926-6060

DK Robotcenter Danmark
Løsning +45 7022 2477

EE RKR Seadmed OÜ
Tallinn/Estonia +372-68-35-235

GR Gizelis Robotics
Nea Kifissia +30-2106251455

HU Flexman Robotics Kft
Budapest +36-30-9510065

LT Profibus UAB
Panevezys +370-45-518575

NO Skala Robotech AS
Lierstranda +47-32240600

PT ROBOPLAN Lda
Aveiro +351-234 943 900

RO Sam Robotics srl
Timisoara +40-720-279-866

MPL Automation S.R.L.
Satu Mare +40 (0) 261 750 741

YASKAWA Headquarters
YASKAWA Europe GmbH
Robotics Division
Yaskawastraße 1
85391 Allershausen, Germany
Tel. +49 (0) 8166/90-0
Fax +49 (0) 8166/90-103

robotics@yaskawa.eu.com
www.yaskawa.eu.com

YASKAWA ACADEMY and sales office Frankfurt
YASKAWA Europe GmbH
Robotics Division
Hauptstraße 185
65760 Eschborn, Germany
Tel. +49 (0) 6196/77725-0
Fax +49 (0) 6196/77725-39

All dimensions in mm.
Technical data may be subject to change without previous notice.
Please request detailed drawings at robotics@yaskawa.eu.com.

Robot Overview | Roboterübersicht FS100/DX200
B-02-2019, A-Nr. 168217

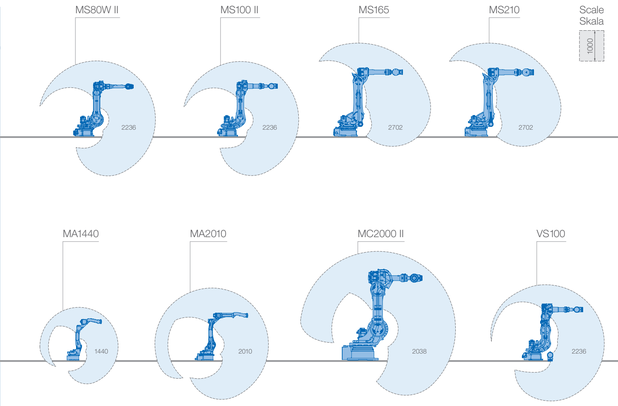
YASKAWA

www.yaskawa.eu.com

YASKAWA

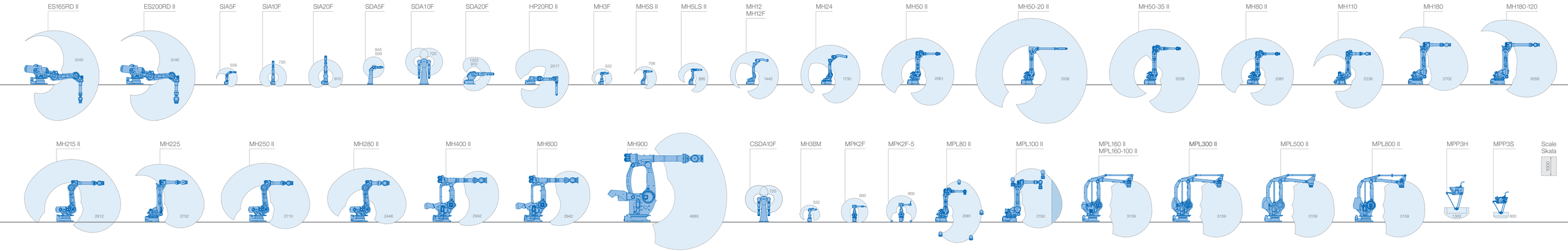
Robot Overview
Roboterübersicht
FS100 / DX200

Robot Overview | Roboterübersicht
FS100 / DX200



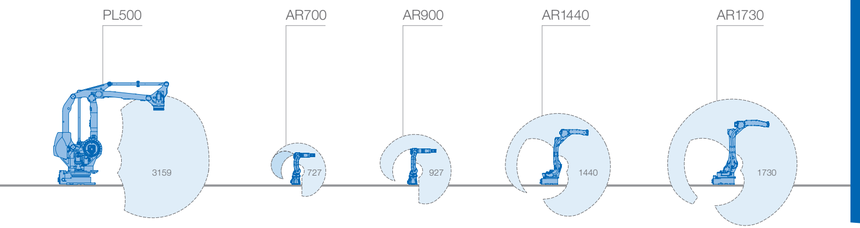
Technical data Technische Daten		Welding & Cutting | Schweißen & Schneiden							
		MS-/MA-/MC-series | MS-/MA-/MC-Serie							
		MS80W II	MS100 II	MS165	MS210	MA1440	MA2010	MC2000 II	VS100
Industrial robot controller Industrieroboter-Steuerung		DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200
Controlled axes Gesteuerte Achsen		6	6	6	6	6	6	6	7
Max. payload * Max. Traglast *	[kg]	80	without Flange 110 with Flange 100	without Flange 180 with Flange 165	without Flange 225 with Flange 210	6	10	50	110
Repeatability Wiederholgenauigkeit	[mm]	± 0.07	± 0.07	± 0.2	± 0.2	± 0.08	± 0.08	± 0.07	± 0.12
Max. working range R Max. Arbeitsbereich R	[mm]	2236	2236	2702	2702	1440	2010	2038	2236
Weight Gewicht	[kg]	580	625	970	1000	130	280	845	780
Power supply, average Mittlere Anschlußleistung	[KVA]	4	5	5	5	1.5	2	3.5	5.5
Mounting option ** Montagemöglichkeit **		F	F	F	F	F, W, C	F, W, C	F	F
Colour Farbe		YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue

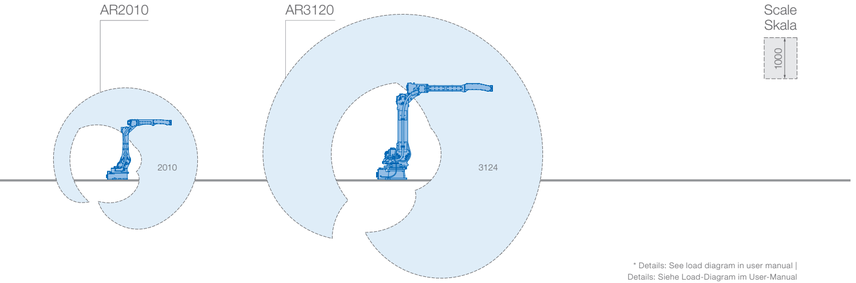
Robot Overview | Roboterübersicht
FS100 / DX200



* Details: See load diagram in user manual | Details: Siehe Load-Diagram im User-Manual
** F = Floor | Boden, W = Wall | Wand, C = Ceiling | Decke

Technical data Technische Daten	Handling & Assembly | Handling & Montage																													Cleanroom-series | Reinraum-Serie		Technical data Technische Daten	Packaging & Palletising | Verpacken & Palettieren									
	ES-series | ES-Serie		SIA-/SDA-series | SIA-/SDA-Serie						HP-/MH-series | HP-/MH-Serie																								MPK-series | MPK-Serie		MPL-series | MPL-Serie							MPP-series | MPP-Serie	
	ES165RD II	ES200RD II	SIA5F	SIA10F	SIA20F	SDA5F	SDA10F	SDA20F	HP20RD II	MH3F	MH5S II	MH5LS II	MH12 MH12F	MH24	MH50 II	MH50-20 II	MH50-35 II	MH80 II	MH110	MH180	MH180-120	MH215 II	MH225	MH250 II	MH280 II	MH400 II	MH600	MH900	CSDA10F	MH3BM		MPK2F	MPK2F-5	MPL80 II	MPL100 II	MPL160 II	MPL160-100 II	MPL300 II	MPL500 II	MPL800 II	MPP3H	MPP3S
Industrial robot controller Industrieroboter-Steuerung	DX200	DX200	FS100	FS100	FS100	FS100	FS100	FS100	DX200	FS100	FS100 DX200	FS100 DX200	FS100 DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	DX200	FS100	FS100	Industrial robot controller Industrieroboter-Steuerung	FS100	FS100	DX200	DX200	DX200	DX200	DX200	DX200	DX200	FS100	FS100
Controlled axes Gesteuerte Achsen	6	6	7	7	7	15	15	15	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	15	6	Controlled axes Gesteuerte Achsen	5	5	5	5	4	4	4	4	4	4	4
Max. payload * Max. Traglast * [kg]	165	200	5	10	20	5	10	20	20	3	5	5	12	24	50	20	35	80	110	180	120	215	225	250	280	400	600	900	10	3	Max. payload * Max. Traglast * [kg]	2	5	80	without Flange 115 with Flange 100	160	100	300	500	800	3	3
Repeatability Wiederholgenauigkeit [mm]	± 0.2	± 0.2	± 0.06	± 0.6	± 0.1	± 0.06	± 0.1	± 0.1	± 0.06	± 0.03	± 0.02	± 0.03	± 0.08	± 0.06	± 0.07	± 0.15	± 0.07	± 0.07	± 0.07	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.3	± 0.3	± 0.5	± 1.0	± 0.03	Repeatability Wiederholgenauigkeit [mm]	± 0.5	± 0.5	± 0.07	± 0.2	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.1	± 0.1
Max. working range R Max. Arbeitsbereich R [mm]	3140	3140	559	720	910	845 / 559	720	1323 / 910	2017	532	706	895	1440	1730	2061	3106	2538	2061	2236	2702	3058	2912	2702	2710	2446	2942	2942	4683	720 / 720	532	Max. working range R Max. Arbeitsbereich R [mm]	900	900	2061	2150	3159	3159	3159	3159	3159	1300	800
Weight Gewicht [kg]	1730	1800	30	60	120	110	220	380	293	27	27	29	130	268	550	495	570	555	625	970	1010	1140	1000	1130	1120	2700	3050	9550	220	31	Weight Gewicht [kg]	72	72	550	950	1700	1700	1820	2300	2550	115	95
Power supply, average Mittlere Anschlußleistung [KVA]	5	5	1.0	1.0	2.2	1.4	1.5	4.4	2	0.5	1	1	1.5	2	4	3.5	4	4.5	5	5	5	5	5	6	5	7	7.5	35	2	0.5	Power supply, average Mittlere Anschlußleistung [KVA]	2.0	1.5	4	8	9.5	9.5	9.5	11	8	1.5	1.5
Mounting option ** Montagemöglichkeit **	F	F	F, W, C	F, W, C	F, W, C	F	F	F	F	F, W, C	F, W, C	F, W, C	F, W, C	F, W, C	F, W, C	F, W, C	F, W, C	F	F	F	F	F	F	F	F	F	F	F	F, W, C	Mounting option ** Montagemöglichkeit **	F, W, C	F, W, C	F	F	F	F	F	F	F	C	C
Colour Farbe	YASKAWA Blue	YASKAWA Blue	Blue & White	Blue & White	Blue & White	Blue & White	Blue & White	Blue & White	YASKAWA Blue	White	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	White	White	Colour Farbe	White	White	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	White	White





* Details: See load diagram in user manual |
Details: Siehe Load-Diagram im User-Manual
** F = Floor | Boden, W = Wall | Wand, C = Ceiling | Decke

Technical data Technische Daten		Packaging & Palletising | Verpacken & Palettieren	Welding & Cutting | Schweissen & Schneiden					
			AR-series | AR-Serie					
		PL500	AR700	AR900	AR1440	AR1730	AR2010	AR3120
Industrial robot controller Industrieroboter-Steuerung		YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000
Controlled axes Gesteuerte Achsen		4	6	6	6	6	6	6
Max. payload * Max. Traglast *	[kg]	500	8	7	12	25	12	20
Repeatability Wiederholgenauigkeit	[mm]	± 0.5	± 0.02	± 0.03	± 0.06	± 0.06	± 0.08	± 0.15
Max. working range R Max. Arbeitsbereich R	[mm]	3159	727	927	1440	1730	2010	3124
Weight Gewicht	[kg]	2390	32	34	150	250	260	560
Power supply, average Mittlere Anschlußleistung	[KVA]	8	1	1	1.5	2	2	2
Mounting option ** Montagemöglichkeit **		F	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt
Colour Farbe		YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue

YASKAWA GROUP

AT YASKAWA Austria
Schwechat/Wien
+43(0)1-707-9324-15

CZ YASKAWA Czech s.r.o.
Rudná u Prahy +420-257-941-718

ES YASKAWA Ibérica, S.L.
Gavà/Barcelona +34-93-6303478

FR YASKAWA France SARL
Le Bignon +33-2-40131919

FI YASKAWA Finland Oy
Turku +358-(0)-403000600

GB YASKAWA UK Ltd.
Banbury +44-1295-272755

IT YASKAWA Italia s.r.l.
Torino +39-011-9005833

IL YASKAWA Europe Technology Ltd.
Rosh Ha'ayin +972-3-9004114

NL YASKAWA Benelux B.V.
Eindhoven +31-40-2895500

PL YASKAWA Polska Sp. z o.o.
Wrocław +48-71-7928670

RU YASKAWA Europe Holding AB
Moskva +46-480-417-800

SE YASKAWA Nordic AB
Torsås +46-480-417-800

SI YASKAWA Slovenia
Ribnica +386-1-8372-410

TR YASKAWA Turkey Elektrik
Ticaret Ltd. Sti.
İstanbul +90-216-5273450

ZA YASKAWA Southern Africa (PTY) Ltd
Johannesburg +27-11-6083182

DISTRIBUTORS

BG ARAMET ROBOTICS Ltd.
Yambol +359-885 317 294

Kammarton Bulgaria Ltd.
Sofia +359-02-926-6060

DK Robotcenter Danmark
Løsning +45 7022 2477

EE RKR Seadmed OÜ
Tallinn/Estonia +372-68-35-235

GR Gizelis Robotics
Schimatari Viotias +30-2262057199

HU Flexman Robotics Kft
Budapest +36 1 259 0981

LT Profibus UAB
Panevezys +370-45-518575

NO Skala Robotech AS
Lierstranda +47-32240600

PT ROBOPLAN Lda
Aveiro +351-234 943 900

RO Sam Robotics srl
Timisoara +40-720-279-866

MPL Automation S.R.L.
Satu Mare +40 (0) 261 750 741

TÜV SÜD CERTIFIED
Zertifikat Nr.01 100 1864
www.tuv.at

YASKAWA Headquarters

YASKAWA Europe GmbH
Robotics Division
Yaskawastraße 1
85391 Allershausen, Germany
Tel. +49 (0) 8166/90-0
Fax +49 (0) 8166/90-103

robotics@yaskawa.eu.com
www.yaskawa.eu.com

YASKAWA ACADEMY and sales office Frankfurt

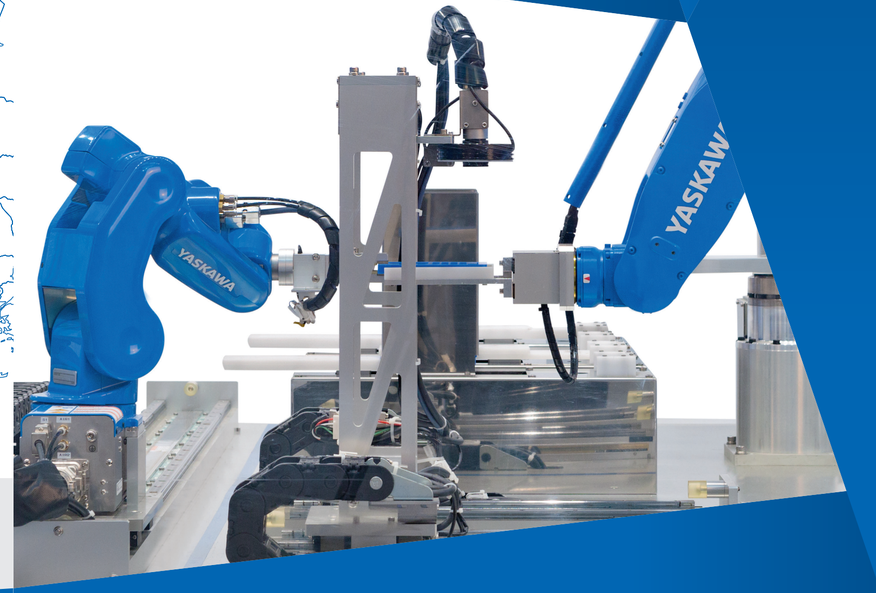
YASKAWA Europe GmbH
Robotics Division
Hauptstraße 185
65760 Eschborn, Germany
Tel. +49 (0) 6196/77725-0
Fax +49 (0) 6196/77725-39

All drawing dimensions in mm.
Technical data may be subject to change without previous notice.
Please request detailed drawings at robotics@yaskawa.eu.com.

Robot Overview | Roboterübersicht YRC1000/YRC1000micro
D-10-2019, A-Nr. 197210

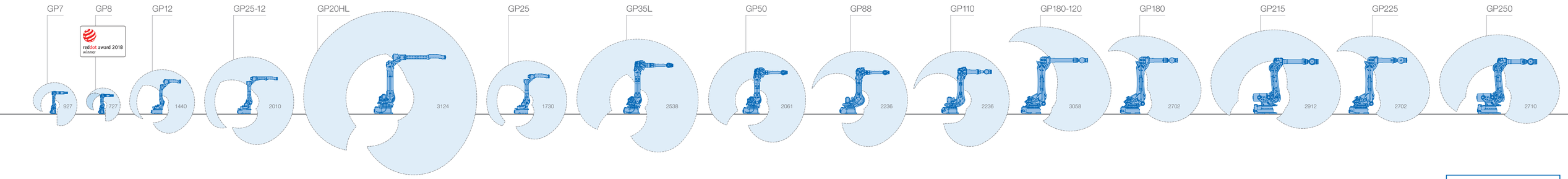
YASKAWA

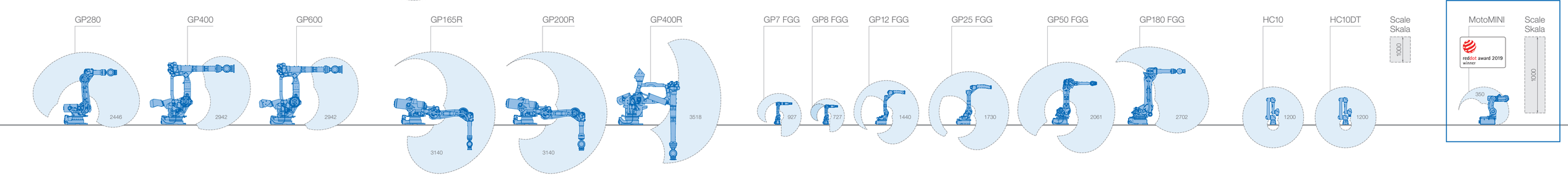
Robot Overview
Roboterübersicht
YRC1000 / YRC1000micro



www.yaskawa.eu.com

Robot Overview | Roboterübersicht
YRC1000 / YRC1000micro





* Details: See load diagram in user manual | Details: Siehe Load-Diagram im User-Manual
** F = Floor | Boden, W = Wall | Wand, C = Ceiling | Decke

Technical data Technische Daten	Handling & Assembly | Handling & Montage																												
	GP-series | GP-Serie																		GP-Shelftype-series | GP-Shelftype-Serie			GP FGG-series | GP FGG-Serie (Food Grade Grease)								
	GP7	GP8	GP12	GP25-12	GP20HL	GP25	GP35L	GP50	GP88	GP110	GP180-120	GP180	GP215	GP225	GP250	GP280	GP400	GP600	GP165R	GP200R	GP400R	GP7 FGG	GP8 FGG	GP12 FGG	GP25 FGG	GP50 FGG	GP180 FGG	HC10	HC10DT	MotoMINI
Industrial robot controller Industrieroboter-Steuerung	YRC1000 YRC1000micro	YRC1000 YRC1000micro	YRC1000 YRC1000micro	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000	YRC1000 YRC1000micro	YRC1000micro
Controlled axes Gesteuerte Achsen	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Max. payload * Max. Traglast * [kg]	7	8	12	12	20	25	35	50	88	110	120	180	215	225	250	280	400	600	165	200	400	7	8	12	25	50	180	10	9	0.5
Repeatability Wiederholgenauigkeit [mm]	± 0.03	± 0.02	± 0.06	± 0.08	± 0.15	± 0.06	± 0.07	± 0.07	± 0.07	± 0.07	± 0.2	± 0.05	± 0.2	± 0.05	± 0.2	± 0.05	± 0.1	± 0.1	± 0.2	± 0.2	± 0.5	± 0.03	± 0.02	± 0.06	± 0.06	± 0.07	± 0.2	± 0.1	± 0.1	± 0.02
Max. working range R Max. Arbeitsbereich R [mm]	927	727	1440	2010	3124	1730	2538	2061	2236	2236	3058	2702	2912	2702	2710	2446	2942	2942	3143	3140	3518	927	727	1440	1730	2061	2702	1200	1200	350
Weight Gewicht [kg]	34	32	150	260	560	250	600	570	630	660	1090	1020	1340	1080	1345	1300	2840	3035	1760	1830	3560	34	32	155	265	570	1020	47	48	7
Power supply, average Mittlere Anschlußleistung [KVA]	1	1	1.5	2	4	2	4	4	4	5	5	5	5	5	5	5	7	7	5	5	7	1	1	1.5	2	4	5	1	1	0.5
Mounting option ** Montagemöglichkeit **	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F	F	F	F	F	F	F	F	F	Shelf- mounted	Shelf- mounted	Shelf- mounted	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt	F, W, C, tilt/geneigt
Colour Farbe	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	YASKAWA Blue	White	White	White	White	White	White	White	White	YASKAWA Blue