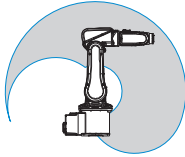


Robots

IRB 120

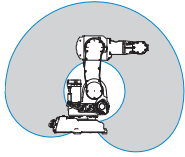
IRB 120 and IRB 120T

	Main applications		
	Assembly	Load (kg)	3
	Machine Tending	Reach (m)	0.58
	Material Handling	Protection available	Std: IP30. Option: Cleanroom class 5, certified by IPA
	Packing/Dispensing	Mounting	Floor, wall, inverted and tilted angles
		Position repeatability (RP)(mm)	0.01
			

Certified by IPA

IRB 140

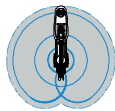
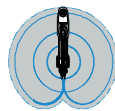
IRB 140 and IRB 140T

	Main applications		
	Arc Welding	Load (kg)	6
	Assembly	Reach (m)	0.81
	Cleaning/Spraying	Protection available	Std: IP67. Option: Cleanroom class 6, Foundry Plus
	Deburring	Mounting	Floor, wall, inverted and tilted angles
	Machine Tending	Position repeatability (RP)(mm)	0.03
	Material Handling		
	Packing		
			

Certified by IPA

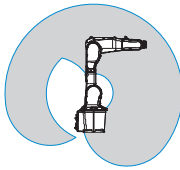
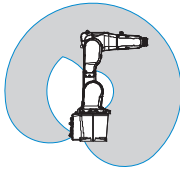
IRB 910SC

IRB 910SC-3/0.45, IRB 910SC-3/0.55 and IRB 910SC-3/0.65

	Main applications		3/0.45	3/0.55	3/0.65
	Assembly	Load (kg)	3 max 6	3 max 6	3 max 6
	Component Placement	Reach (m)	0.45	0.55	0.65
	Machine Loading	Protection available	Std: IP30	Std: IP30	Std: IP30
	Machine Unloading	Mounting	Table	Table	Table
	Kitting	Position repeatability (RP)(mm)			
		Axis 1 + Axis 2	±0.01	±0.01	±0.01
		Axis 3	±0.01	±0.01	±0.01
		Axis 4	±0.01 deg	±0.01 deg	±0.01 deg
					

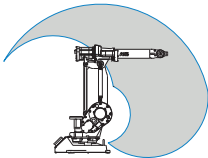
IRB 1200

IRB 1200-5/0.9 and IRB 1200-7/0.7

	Main applications		5/0.9	7/0.7
	Machine Tending	Load (kg)	5	7
	Material Handling	Reach (m)	0.90	0.70
		Protection available	Std: IP40. Option: IP67, Clean room ISO 4, food grade lubricate	
		Mounting	Any angle	Any angle
		Position repeatability (RP)(mm)	0.025	0.02
				

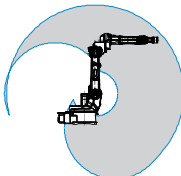
IRB 1410

IRB 1410

	Main applications		
	Arc Welding	Load (kg)	5
		Reach (m)	1.44
		Protection available	-
		Mounting	Floor
		Position repeatability (RP)(mm)	0.02
			

IRB 1520

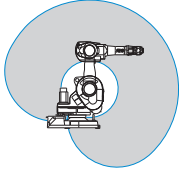
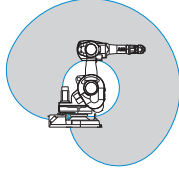
IRB 1520ID

	Main applications		
	Arc Welding	Load (kg)	4
		Reach (m)	1.50
		Protection available	Std. IP40
		Mounting	Floor, inverted
		Position repeatability (RP)(mm)	0.05
			

Robots

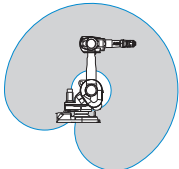
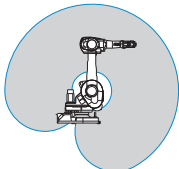
IRB 1600

IRB 1600-6/1.2 and IRB 1600-10/1.2

	Main applications		6/1.2	10/1.2
	Assembly	Load (kg)	6	10
	Cleaning/Spraying	Reach (m)	1.20	1.20
	Extraction	Protection available	Std: IP54. Option: IP67 with Foundry Plus 2	
	Machine Tending	Mounting	Floor, wall, tilted, inverted, shelf	
	Material Handling	Position repeatability (RP)(mm)	0.02	0.02
	Packing			
				

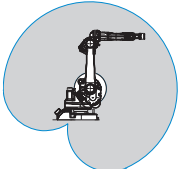
IRB 1600

IRB 1600-6/1.45 and IRB 1600-10/1.45

	Main applications		6/1.45	10/1.45
	Arc Welding	Load (kg)	6	10
	Assembly	Reach (m)	1.45	1.45
	Cleaning/Spraying	Protection available	Std: IP54. Option: IP67 with Foundry Plus 2	
	Cutting	Mounting	Floor, wall, tilted, inverted, shelf	
	Machine Tending	Position repeatability (RP)(mm)	0.02	0.05
	Material Handling			
	Packing			

IRB 1600

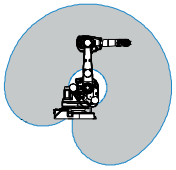
IRB 1600ID-4/1.50

	Main applications		
	Arc Welding	Load (kg)	4
		Reach (m)	1.50
		Protection available	Std: IP40
		Mounting	Floor, inverted, tilted
		Position repeatability (RP)(mm)	0.02
			

IRB 1600

IRB 1660ID-6/1.55

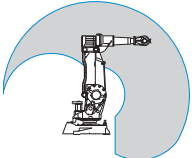


Main applications		
Arc Welding	Load (kg)	6
Machine Tending	Reach (m)	1.55
Material Handling	Protection available	Std: IP 67 (base, lower arm, wrist), IP 54 (axis 4)
	Mounting	Floor, tilted, inverted, shelf
	Position repeatability (RP)(mm)	0.02
		

IRB 2400

IRB 2400-10/1.55 and IRB 2400-16/1.55

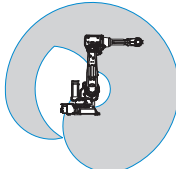
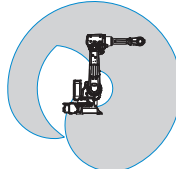


Main applications		
Cutting/Deburring	Load (kg)	12/20
Grinding/Polishing	Reach (m)	1.55
	Protection available	Std: IP54. Option: IP67 with Foundry Plus 2
	Mounting	Floor, inverted
	Position repeatability (RP)(mm)	0.03
		

IRB 2600

IRB 2600-12/1.65 and IRB 2600-20/1.65

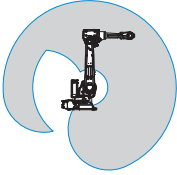


Main applications		12/1.65	20/1.65
Arc Welding	Load (kg)	12	20
Assembly	Reach (m)	1.65	1.65
Cleaning/Spraying	Protection available	Standard: IP67. Option: Foundry Plus 2	
Cutting	Mounting	Floor, wall, tilted, inverted, shelf	
Dispensing	Position repeatability (RP)(mm)	0.04	0.04
Machine Tending			
Material Handling			
Material Handling			
Packing			

Robots

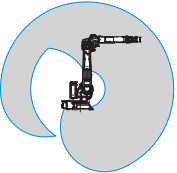
IRB 2600

IRB 2600-12/1.85

	Main applications		
	Arc Welding	Load (kg)	12
	Assembly	Reach (m)	1.85
	Cleaning/Spraying	Protection available	Standard: IP67. Option: Foundry Plus 2
	Cutting	Mounting	Floor, wall, tilted, inverted, shelf
	Dispensing	Position repeatability (RP)(mm)	0.04
	Machine Tending		
	Material Handling		
	Packing		

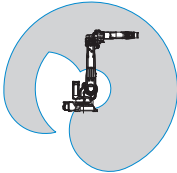
IRB 2600

IRB 2600ID-8/2.00

	Main applications		
	Arc Welding	Load (kg)	8
	Dispensing	Reach (m)	2.00
	Machine Tending	Protection available	Standard: IP67 (base, lower arm, wrist), IP54 (axis 4)
	Material Handling	Mounting	Floor, wall, tilted, inverted, shelf
		Position repeatability (RP)(mm)	0.02
			

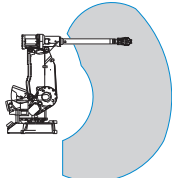
IRB 2600

IRB 2600-15/1.85

	Main applications		
	Arc Welding	Load (kg)	15
	Assembly	Reach (m)	1.85
	Dispensing	Protection available	Std: IP67 (base, lower arm and wrist), IP54 (axis 4)
	Machine Tending	Mounting	Floor, wall, tilted, inverted, shelf
	Material Handling	Position repeatability (RP)(mm)	0.03
			

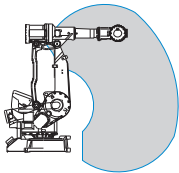
IRB 4400

IRB 4400/L10

	Main applications		
	Cutting/Deburring	Load (kg)	10
	Die Spraying	Reach (m)	2.55
	Dispensing	Protection available	Std: IP54. option: IP67, Foundry Plus
	Grinding/Polishing	Mounting	Floor
	Measuring	Position repeatability (RP)(mm)	0.05
			

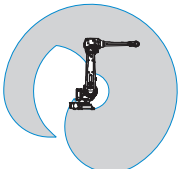
IRB 4400

IRB 4400/60

	Main applications		
	Cutting/Deburring	Load (kg)	60
	Dispensing	Reach (m)	1.96
	Grinding/Polishing	Protection available	Std: IP54. Option: IP67, steam washable - Foundry Plus
	Measuring	Mounting	Floor
		Position repeatability (RP)(mm)	0.05
			

IRB 4600

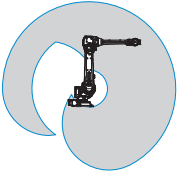
IRB 4600-20/2.50

	Main applications		
	Arc Welding	Load (kg)	20
	Assembly	Reach (m)	2.50
	Dispensing	Protection available	Std: IP67. Option: Foundry Plus 2
	Laser Welding	Mounting	Floor, tilted, inverted, shelf
	Machine Tending	Position repeatability (RP)(mm)	0.05
	Material Handling		
	Packing/Palletizing		
	Press brake tending		
			

Robots

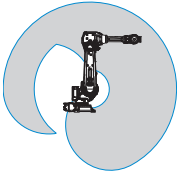
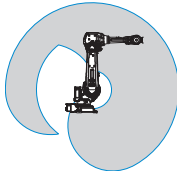
IRB 4600

IRB 4600-40/2.55

	Main applications		
	Assembly	Load (kg)	40
	Dispensing	Reach (m)	2.55
	Laser Welding	Protection available	Std: IP67. Option: Foundry Plus 2
	Machine Tending	Mounting	Floor, tilted, inverted, shelf
	Material Handling	Position repeatability (RP)(mm)	0.06
	Packing/Palletizing		
	Press brake tending		
			

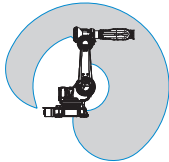
IRB 4600

IRB 4600-45/2.05 and IRB 4600-60/2.05

	Main applications		45/2.05	60/2.05
	Assembly	Load (kg)	45	60
	Deburring	Reach (m)	2.05	2.05
	Dispensing	Protection available	Std: IP67. Option: Foundry Plus 2, Foundry Prime 2 (valid for 60 kg variant)	
	Machine Tending			
	Material Handling	Mounting	Floor, tilted, inverted, shelf	Floor, tilted, inverted, shelf
	Packing/Palletizing	Position repeatability (RP)(mm)	0.05	0.06
	Press Brake Tending			
				

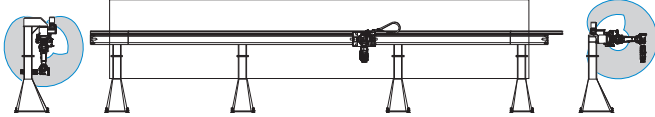
IRB 6620

IRB 6620

	Main applications		
	Assembly	Load (kg)	150
	Cleaning/Spraying	Reach (m)	2.20
	Cutting/Deburring	Protection available	IP54, Foundry Plus 2
	Dispensing	Mounting	Floor, tilted, inverted
	Grinding/Polishing	Position repeatability (RP)(mm)	0.10
	Machine Tending		
	Material Handling		
	Spot Welding		
			

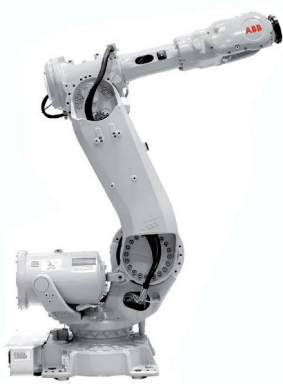
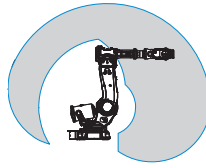
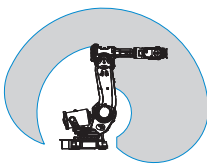
IRB 6620

IRB 6620LX

	Main applications		
	Machine Tending	Load (kg)	150
	Material Handling	Reach (m)	1.90
	Powertrain Assembly	Protection available	5-axis robot arm: Std IP54. Option: Foundry Plus 2 Std: IP66 (linear axis).
		Mounting	Wall, inverted
		Position repeatability (RP)(mm)	0.10
			

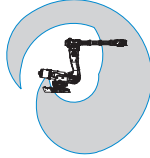
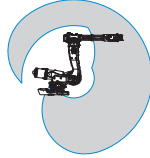
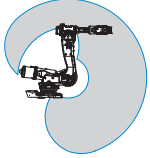
IRB 6640

IRB 6640-185/2.8 and IRB 6640-235/2.55

	Main applications		185/2.8	235/2.55
	Washing	Load (kg)	185	235
		Reach (m)	2.80	2.55
		Protection available	Std: Foundry Prime 2	
		Mounting	Floor	Floor
		Position repeatability (RP)(mm)	0.10	0.10
				

IRB 6650

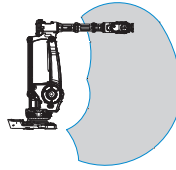
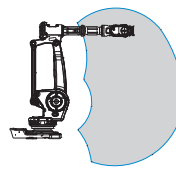
IRB 6650S-90/3.9, IRB 6650S-125/3.5 and IRB 6650S-200/3.0

	Main applications		90/3.9	125/3.5	200/3.0
	Machine Tending	Load (kg)	90	125	200
	Material Handling	Reach (m)	3.90	3.50	3.00
	Spot Welding	Protection available	Std: IP67. Option: Foundry Plus 2, High pressure steam washable		
		Mounting	Shelf	Shelf	Shelf
		Position repeatability (RP)(mm)	n.a.	0.13	0.14
					

Robots

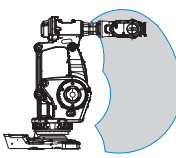
IRB 6660

IRB 6660-100/3.3 and IRB 6660-130/3.1

	Main applications		100/3.3	130/3.1
	Machine Tending	Load (kg)	100	130
	Material Handling	Reach (m)	3.30	3.10
	Press Tending	Protection available	Std: IP67	Std: IP67
		Mounting	Floor	Floor
		Position repeatability (RP)(mm)	0.10	0.11
				

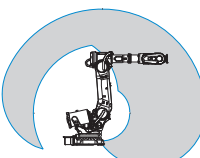
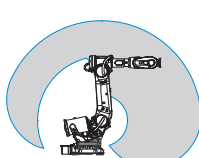
IRB 6660

IRB 6660-205/1.9

	Main applications		
	Cutting	Load (kg)	205
	Grinding	Reach (m)	1.90
	Machining	Protection available	Std: IP67, incl Chip Protection. Option: Foundry Plus 2
	Milling	Mounting	Floor
	Sawing	Position repeatability (RP)(mm)	0.07
			

IRB 6700

IRB 6700-155/2.85 and IRB 6700-200/2.60

	Main applications		155/2.85	200/2.60
	Assembly	Load (kg)	155	200
	Cutting/Deburring	Reach (m)	2.85	2.60
	Grinding/Polishing	Protection available	Std: IP67. Option: Foundry Plus 2	
	Machine Tending	Mounting	Floor	Floor
	Material Handling	Position repeatability (RP)(mm)	0.10	0.10
	Spraying			
	Spot Welding			
				

LeanID option, see page 17

IRB 6700

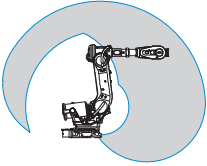
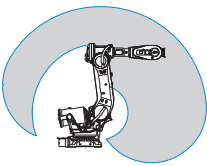
IRB 6700-150/3.20, IRB 6700-175/3.05, IRB 6700-205/2.80 and IRB 6700-235/2.65

	Main applications		150/3.20	175/3.05	205/2.80	235/2.65
	Assembly	Load (kg)	150	175	205	235
	Cutting/Deburring	Reach (m)	3.20	3.05	2.80	2.65
	Grinding/Polishing	Protection available	Std: IP67. Option: Foundry Plus 2			
	Machine Tending	Mounting	Floor	Floor	Floor	Floor
	Material Handling	Position repeatability (RP)(mm)	0.10	0.10	0.10	0.10
	Spraying					
	Spot Welding					
						

LeanID option, see page 17

IRB 6700

IRB 6700-245/3.00 and IRB 6700-300/2.70

	Main applications		245/3.00	300/2.70
	Assembly	Load (kg)	245	300
	Cutting/Deburring	Reach (m)	3.00	2.70
	Grinding/Polishing	Protection available	Std: IP67. Option: Foundry Plus 2	
	Machine Tending	Mounting	Floor	Floor
	Material Handling	Position repeatability (RP)(mm)	0.10	0.10
	Spraying			
	Spot Welding			
				

IRB 6700

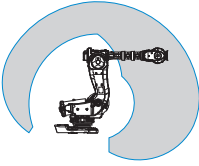
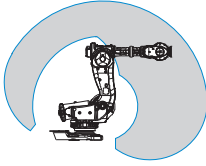
IRB 6700 LeanID

	LeanID is a special option for the IRB 6700 with the DressPack partly integrated into the robot's upper arm. LeanID is intended for production with many complex wrist movements and where the need for flexibility in changing products is high. For LeanID payload decreases. See production specification for more details.
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Robots

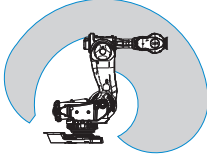
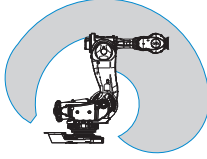
IRB 7600

IRB 7600-325/3.1, IRB 7600-340/2.8

	Main applications		325/3.1	340/2.8
	Assembly	Load (kg)	325	340
	Cutting/Deburring	Reach (m)	3.10	2.80
	Grinding/Polishing	Protection available	Std: IP67. Option: Foundry Plus 2	
	Machine Tending	Mounting	Floor	Floor
	Material Handling	Position repeatability (RP)(mm)	0.10	0.27
	Spot Welding			
				

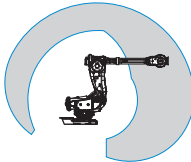
IRB 7600

IRB 7600-400/2.55 and IRB 7600-500/2.55

	Main applications		400/2.55	500/2.55
	Assembly	Load (kg)	400	500
	Cutting/Deburring	Reach (m)	2.55	2.55
	Grinding/Polishing	Protection available	Std: IP67. Option: Foundry Plus 2	
	Machine Tending	Mounting	Floor	Floor
	Material Handling	Position repeatability (RP)(mm)	0.19	0.08
	Spot Welding			
				

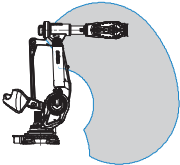
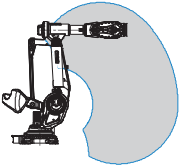
IRB 7600

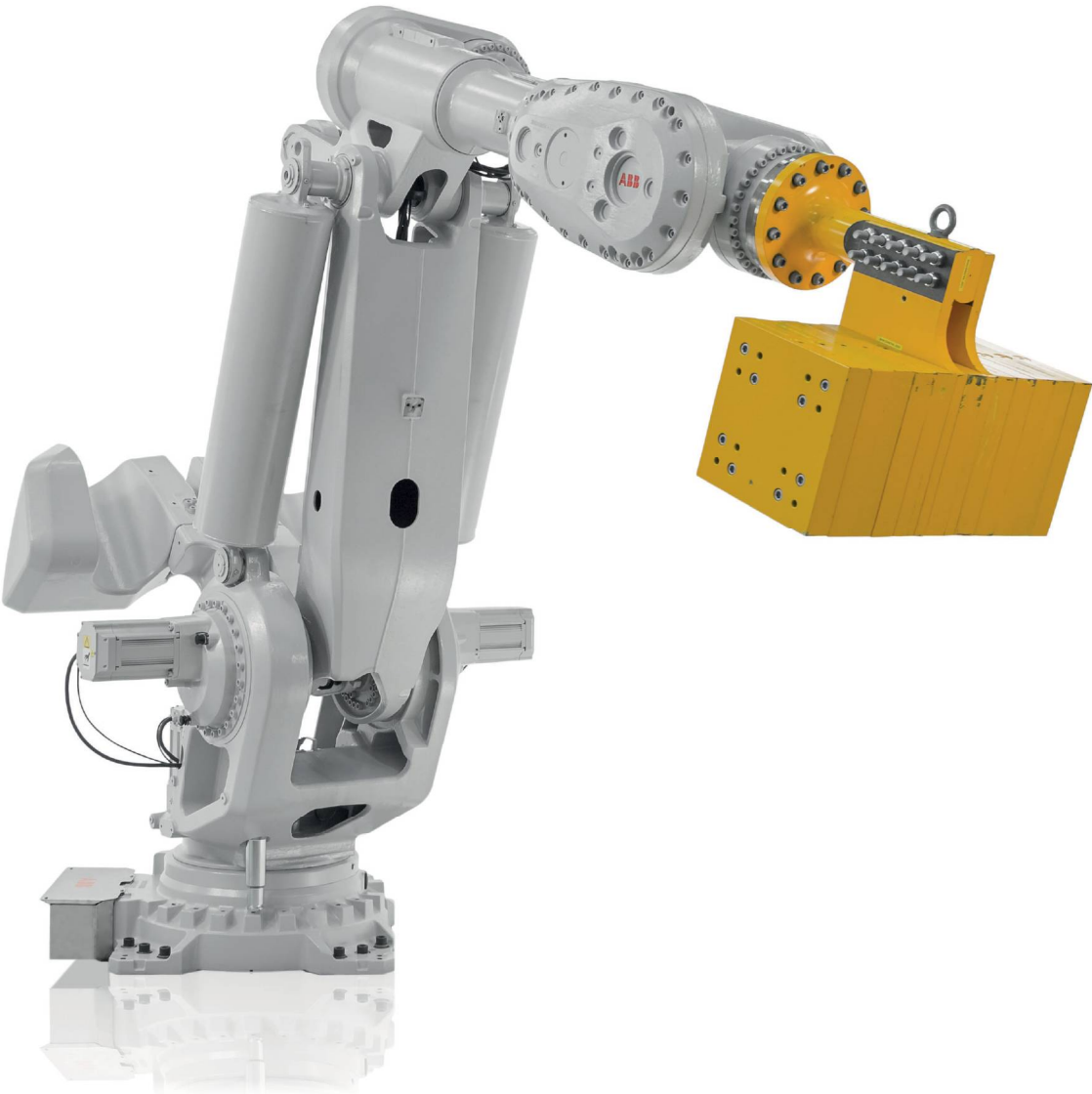
IRB 7600-150/3.50

	Main applications		
	Assembly	Load (kg)	150
	Cutting/Deburring	Reach (m)	3.50
	Grinding/Polishing	Protection available	Std: IP67. Option: Foundry Plus 2
	Machine Tending	Mounting	Floor
	Material Handling	Position repeatability (RP)(mm)	0.19
			

IRB 8700

IRB 8700-550/4.20 and IRB 8700-800/3.50

	Main applications		550/4.20	800/3.50
	Material Handling	Load (kg)	550	800
	Machine Tending	Reach (m)	4.20	3.50
	Machining	Protection available	Std: Foundry Plus 2	
	Spot Welding	Mounting	Floor	Floor
		Position repeatability (RP)(mm)	0.10	0.10
				

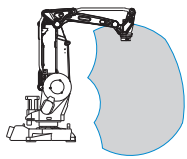


IRB 8700

Robots

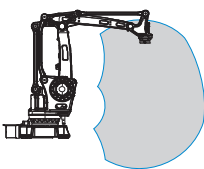
IRB 260

IRB 260-30/1.5

	Main applications		
	Packing	Load (kg)	30
		Reach (m)	1.53
		Protection available	Std: IP67
		Mounting	Floor
		Position repeatability (RP)(mm)	0.03
			

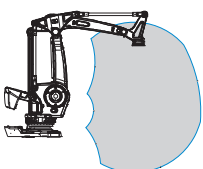
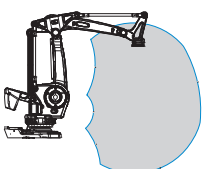
IRB 460

IRB 460-110/2.4

	Main applications		
	Depalletizing	Load (kg)	110
	Material Handling	Reach (m)	2.40
	Palletizing	Protection available	Std: IP67
		Mounting	Floor
		Position repeatability (RP)(mm)	0.20
			

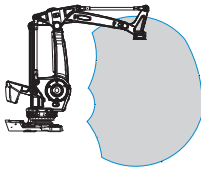
IRB 660

IRB 660-180/3.15 and IRB 660-250/3.15

	Main applications		180/3.15	250/3.15
	Material Handling	Load (kg)	180	250
	Palletizing	Reach (m)	3.15	3.15
		Protection available	Std: IP67	Std: IP67
		Mounting	Floor	Floor
		Position repeatability (RP)(mm)	0.05	0.05
				

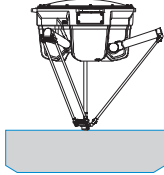
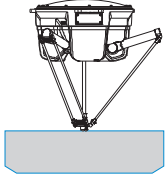
IRB 760

IRB 760-450/3.2

	Main applications		
	Depalletizing	Load (kg)	450
	Full Layer Palletizing	Reach (m)	3.18
	Material Handling	Protection available	Std: IP67
	Palletizing	Mounting	Floor
		Position repeatability (RP)(mm)	0.05
			

IRB 360

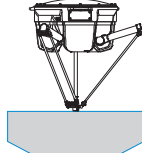
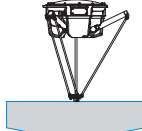
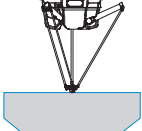
IRB 360-1/1130 and IRB 360-3/1130

	Main applications		1/1130	3/1130
	Assembly	Load (kg)	1	3
	Material Handling	Reach (m)	1.13	1.13
	Packing	Protection available	Std: IP54/67/IP69K. Option: Wash down, Stainless Clean room ISO class 5-7, IRB 360-1/1130 certified by IPA	
	Picking	Position repeatability (RP)(mm)	0.10	0.10
				

IRB 360-1/1130 certified by IPA

IRB 360

IRB 360-8/1130, IRB 360-1/1600 and IRB 360-6/1600

	Main applications		8/1130	1/1600	6/1600
	Assembly	Load (kg)	8	1	6
	Material Handling	Reach (m)	1.13	1.60	1.60
	Packing	Protection available	Std: IP54. Option: Clean room ISO class 5-7 (for IRB 360-1/1600)		
	Picking	Position repeatability (RP)(mm)	0.10	0.10	0.10
					



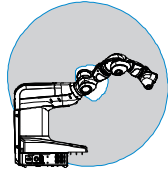
1. Servo gripper (hand) and one pneumatic, with camera | 2. Servo gripper (hand) and two pneumatics with status lights

Robots

YuMi®

IRB 14000-0.5/0.5

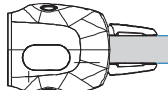


Main applications		
Small Parts Material Handling	Load (kg)	0.50
Small Parts Assembly	Reach (m)	0.50
	Protection available	Std: IP30
	Mounting	Table, bench
	Position repeatability (RP)(mm)	0.02
	Functional safety	PL b Cat B
		

Grippers

Small Parts Modular servo gripper



Main applications		
Small Parts Assembly	Weight (g)	215 – 280 depending on configuration
Options	Load (g)	Up to 285
Five possible configurations using function modules	Finger stroke (mm)	50
	Protection	Std: IP30
	Mounting	YuMi toolflange
Function modules	Position repeatability (servo gripper) (mm)	0.05
Servo gripper (default)		
1-2 pneumatic units (option)	Vacuum spec. (bar)	Input max 6, Vacuum max 0.050
Integrated vision (option) via 1.3 MP camera		

Small parts storage, feeding and presentation

FlexFeeder™



Main applications		FlexFeeder-Single	FlexFeeder-Double
Small Parts	Max. Feature Dimension	< 25	< 30
Presentation 3D to 2D	Min. Feature Dimension	> 0.50	> 0.50
Storage and Parts Handling	Product Weight	< 0.1	< 0.1
	Feeder Weight	27	40
For intergation with 2D vision	Feeder Dimension (mm)	754x737x125	754x737x230
	Illumination area dimension (mm)	90x160	200x160

Controllers

IRC5 Single cabinet controller and Drive module



	Single cabinet	Drive module
Size H x W x D (mm)	970 x 725 x 710	720 x 725 x 710
Electrical connections	200–600 V, 50–60 Hz	200–600 V, 50–60 Hz
Protection	Std: IP54 (IP33 in rear compartment)	Std: IP54 (IP33 in rear compartment)
IRB support	All robots	All robots

Based on advanced dynamic modelling, the IRC5 optimizes the performance of the robot for the physically shortest possible cycle time (QuickMove™) and precise path accuracy (TrueMove™).

IRC5 Compact controller



Size H x W x D (mm)	320 x 449 x 490
Electrical connections	220–230 V, 50–60 Hz, single phase
Protection	Std: IP20
IRB support	IRB 120, IRB 140, IRB 260, IRB 360, IRB 1200, IRB 1410, IRB 1600, IRB 910SC

IRC5 Panel mounted controller



	Control module	Drive module small	Drive module large
Size H x W x D (mm)	375 x 498 x 271	375 x 498 x 299	658 x 498 x 425
Electrical connections	200–600 V, 50–60 Hz	200–600 V, 50–60 Hz	200–600 V, 50–60 Hz
Protection	Std: IP20	Std: IP20	Std: IP20
IRB support	IRB 140, IRB 260, IRB 360, IRB 1200, IRB 1600 (small drive unit), IRB 2400, IRB 2600, IRB 4400, IRB 4600, IRB 6620, IRB 6640, IRB 6650S, IRB 6700, IRB 7600, IRB 460, IRB 660, IRB 760 (large drive unit)		

Process module



Size H x W x D (mm)	Small 720 x 725 x 710 mm, Large 970 x 725 x 710
Electrical connections	Empty cabinet
Protection	Std: IP54

IRC5P Paint robot controller



Size H x W x D	1450 x 725 x 710 mm
Electrical connections	200–600 V, 50–60 Hz
Protection	Std: IP54 (IP33 in rear compartment)
IRB support	Paint robots

FlexPendant



Size	6.5" color touch screen / 1.0 kg
Protection	Std: IP54
IRB support	Non-paint robots

FlexPaint Pendant



Protection	Std: IP54, EX protected
IRB support	Paint robots

FPRC - FlexPendant Retractable Cable



	Small	Large
Size	325 x 275 x 185 (mm)	450 x 361 x 195 (mm)
S4C/S4C+ TPU	3HAC047665-001	3HAC047665-002
IRC5 GTPU 1 & 2	3HAC047666-001	3HAC047666-002 IRC5
IRC5 GTPU 3	3HAC047724-001	3HAC047724-002

Track Motions

IRBT

IRBT 2005

	Robot model		
	IRB 1520	Max Speed (m/s)	2.00
	IRB 1600	Protection available	Standard and covered version
	IRB 2600	Mounting position	Floor
	IRB 4600	Travel length (m)	0.80 – 19.80 (in steps of 1m)
		Acc/Ret (m/s ²)	2.50 up to 4 depending on actual load

IRBT 4004

	Robot model		
	IRB 4400-60	Max Speed (m/s)	2.00
	IRB 4600	Protection available	Std: Foundry, IP65
		Mounting position	Floor
		Travel length (m)	1.90–19.90 (in steps of 1m)
		Acc/Ret (m/s ²)	2.50

IRBT 6004

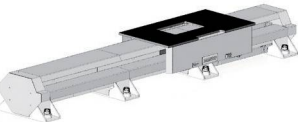
	Robot model		
	IRB 6620	Max Speed (m/s)	1.60
	IRB 6640	Protection available	Std: Foundry, IP65
	IRB 6650S	Mounting position	Floor
	IRB 6700	Travel length (m)	1.70–19.70m (in steps of 1m)
		Acc/Ret (m/s ²)	2.00

IRBT 7004

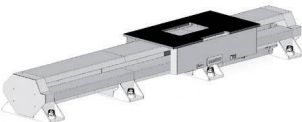
	Robot model		
	IRB 7600	Max Speed (m/s)	1.20
		Protection available	Std: Foundry, IP65
		Mounting position	Floor
		Travel length (m)	1.70–19.70 (in steps of 1m)
		Acc/Ret (m/s ²)	1.80

FlexTrack

IRT501-66 and IRT501-66R

	Robot model		IRT501-66	IRT501-66R
	None	Max Speed (m/s)	2	1.50
	(Material Handling track motion)	Load	900	2000
		Travel length	1-25	1-25
		Track length (m)	2.10–105	2.10–105
		Width (m)	0.66	0.66
		Acc/Ret (m/s ²)	2	1.20

IRT501-90 and IRT501-90R

	Robot model		IRT501-90	IRT501-90R
	None	Max Speed (m/s)	1.50	1.20
	(Material Handling track motion)	Load	2000	2950
		Travel length	1-25	1-25
		Track length (m)	2.10–105	2.10–105
		Width (m)	0.90	0.90
		Acc/Ret (m/s ²)	1.20	1

Positioners

FlexLifter

IRL 100 and IRL 190

		100	190
	Load (kg)	1000	500
	Lifting height (mm)	100	190
	Speed (mm/s)	40	76
	Lift time (sec)	2.50	2.50
	Rotation	Optional 360° rotation	Optional 360° rotation
	Mounting	Floor or FlexTrack, IRT501-66R, 90, 90R	Floor or FlexTrack, IRT501-66, 66R, 90,90R

FlexLifter

IRL 600

		
	Load (kg)	600
	Lifting height (mm)	600
	Speed (mm/s)	200
	Lift time (sec)	3
	Rotation	
	Mounting	Floor or FlexTrack, IRT501-66,66R

FlexPLP

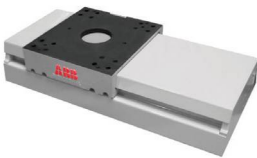
IRPLP - X, Y and Z axis

		
	Axis	3
	Static load (kg)	150
	Dynamic load (kg)	30
	Travel length (mm)	X = 300 or 400, Y = 300 or 400, Z = 200
	Speed (mm/s)	100

IRPLP - Z axis

		
	Axis	1
	Static load (kg)	150
	Dynamic load (kg)	50
	Travel length (mm)	200
	Speed (mm/s)	100

IRPLP - X and Y axis

		
	Axis	1 or 2
	Static load (kg)	150
	Dynamic load (kg)	50
	Travel length (mm)	300 or 400
	Speed (mm/s)	200

Positioners

IRBP A

IRBP A-250, IRBP A-500, IRBP A-750



	A-250	A-500	A-750
Max handling capacity (kg)	250	500	750
Max working envelope ø (mm)	1000	1450	1450
Max length (mm)	900	950	950

IRBP B

IRBP B-250, IRBP B-500 and IRBP B-750



	B-250	B-500	B-750
Max handling capacity (kg)	250 (each side)	500 (each side)	750 (each side)
Max working envelope ø (mm)	1000	1450	1450
Max length (mm)	900	1000	1000

IRBP C

IRBP C-500 and IRBP C-1000



	C-500	C-1000
Max handling capacity (kg)	500 (each side)	1000 (each side)
Max working envelope ø (mm)	-	-
Max length (mm)	-	-

IRBP D

IRBP D-600



	D-600
Max handling capacity (kg)	600 (each side)
Max working envelope ø (mm)	1200
Max length (mm)	2000

IRBP K

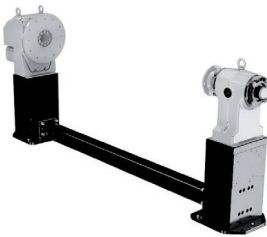
IRBP K-300, IRBP K-600 and IRBP K-1000



	K-300	K-600	K-1000
Max handling capacity (kg)	300 (each side)	600 (each side)	1000 (each side)
Max working envelope ø (mm)	1200	1400	1400
Max length (mm)	4000	4000	4000

IRBP L

IRBP L-300, IRBP L-600 and IRBP L-1000



	L-300	L-600	L-1000
Max handling capacity (kg)	300	600	1000
Max working envelope ø (mm)	1500	1500	1500
Max length (mm)	4000	4000	4000

IRBP L

IRBP L-2000 and IRBP L-5000



	L-2000	L-5000
Max handling capacity (kg)	2000	5000
Max working envelope ø (mm)	1500	2200
Max length (mm)	4000	5000

IRBP R

IRBP R-300, IRBP R-600 and IRBP R-1000



	R-300	R-600	R-1000
Max handling capacity (kg)	300 (each side)	600 (each side)	1000 (each side)
Max working envelope ø (mm)	1000	1200	1200
Max length (mm)	1600	2000	2000