

ABB product range





Robots







As one of the world's leading robotics suppliers, ABB Robotics is active in 53 countries and over 100 locations, having shipped over 400,000 robot solutions in a diverse range of industries and applications.

ABB Robotics is a leading supplier of industrial robots, also providing robot software, peripheral equipment, modular manufacturing cells, systems, and service for tasks such as welding, handling, assembly, cutting, painting and finishing, picking, packing, palletizing, and machine tending.


Key markets include plastics, metal fabrication, foundry, automotive, electronics, machine tools, pharmaceuticals, and food and beverage. Each ABB product is fully supported by the broadest service network and offering in the industry, at home in 53 countries and over 100 locations.

PRODUCT	BASIC SPECIFICATIONS	
IRB 14000 YuMi® 	Load (kg)	0.50
	Reach (m)	0.559
	Protection	Std:IP30; Clean room ISO 5
	Mounting	Bench, table
IRB 14050 Single Arm YuMi 	Load (kg)	0.50
	Reach (m)	0.559
	Protection	Std:IP30; Clean room ISO 5
	Mounting	Any angle - table, wall, ceiling
IRB 120 and IRB 120T 	Load (kg)	3.00
	Reach (m)	0.58
	Protection	Std: IP30 Option: Cleanroom class 5, certified by IPA
	Mounting	Floor, wall, inverted, and tilted angles
IRB 1200 	Load (kg)	5.00 7.00
	Reach (m)	0.90 0.70
	Protection	Std: IP40 Option: IP67, Clean room ISO 4, food grade lubricant
	Mounting	Any angle

PRODUCT	BASIC SPECIFICATIONS	
IRB 140 and IRB 140T 	Load (kg)	6.00
	Reach (m)	0.81
	Protection	Std: IP67 Option: Cleanroom class 6, Foundry Plus
	Mounting	Floor, wall, inverted, and tilted angles
IRB 1520ID 	Load (kg)	4.00
	Reach (m)	1.50
	Protection	Std: IP40
	Mounting	Floor, inverted
IRB 1600 	Load (kg)	6.00 6.00 10.0 10.0
	Reach (m)	1.20 1.45 1.20 1.45
	Protection	Std: IP54 Option: IP67 with foundry plus 2
	Mounting	Floor, wall, inverted, tilted angles, and shelf
IRB 1660ID 	Load (kg)	4.00 6.00
	Reach (m)	1.55 1.55
	Protection	Std: IP40 (wrist IP67)
	Mounting	Floor, wall, inverted, and tilted angles



More than 400,000 ABB robots operate in factories and plants around the world to drive productivity to new levels. They are part of an integrated ecosystem: the Internet of Things, Services, and People. ABB's truly collaborative YuMi® is driving a manufacturing revolution where people & robots work together, creating entirely new possibilities.

PRODUCT	BASIC SPECIFICATIONS	
 IRB 2400	Load (kg)	12.0 20.0
	Reach (m)	1.55 1.55
	Protection	Std: IP54 Option: IP67 with foundry plus 2
	Mounting	Floor, inverted
 IRB 2600 and IRB 2600ID*	Load (kg)	8.00* 12.0 12.0 15.0* 20.0
	Reach (m)	2.00* 1.65 1.85 1.85* 1.65
	Protection	Std: IP67; IP54 (axis 4) Option: Foundry plus 2
	Mounting	Floor, wall, inverted, tilted angles, and shelf
 IRB 4400	Load (kg)	10.0 60.0
	Reach (m)	2.53 1.96
	Protection	Std: IP54 Option: IP67, Foundry plus
	Mounting	Floor
 IRB 4600	Load (kg)	20.0 40.0 45.0 60.0
	Reach (m)	2.50 2.55 2.05 2.05
	Protection	Std: IP67 Option: Foundry plus 2
	Mounting	Floor, inverted, tilted angles, and shelf
 IRB 6620 and IRB 6620LX*	Load (kg)	150 150*
	Reach (m)	2.20 1.90*
	Protection	Std: IP66 (linear axis) Option: Foundry plus 2
	Mounting	Floor, inverted, tilted angles; Wall, inverted*
 IRB 6640	Load (kg)	185 235
	Reach (m)	2.80 2.55
	Protection	Std: IP67 Option: Foundry prime
	Mounting	Floor
 IRB 6650	Load (kg)	90.0 125 200
	Reach (m)	3.90 3.50 3.00
	Protection	Std: IP67 Option: Foundry plus 2, high pressure steam washable
	Mounting	Shelf
 IRB 6660	Load (kg)	100 130 205
	Reach (m)	3.30 3.10 1.90
	Protection	Std: IP67 Option: Foundry plus 2
	Mounting	Floor
 IRB 6700 and IRB 6700 LeanID	Load (kg)	150 155 175 200 205 235 245 300
	Reach (m)	3.20 2.85 3.05 2.60 2.80 2.65 3.00 2.70
	Protection	Std: IP67 Option: Foundry plus 2
	Mounting	Floor








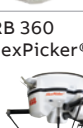

PRODUCT	BASIC SPECIFICATIONS	
 IRB 6790	Load (kg)	235 205
	Reach (m)	2.65 2.80
	Protection	Std: IP69 Option: Foundry prime 3
	Mounting	Floor
 IRB 7600	Load (kg)	150 325 340 400 500
	Reach (m)	3.50 3.10 2.80 2.55 2.55
	Protection	Std: IP67 Option: Foundry plus 2
	Mounting	Floor
 IRB 8700 and IRB 8700 LeanID*	Load (kg)	475* 550 630* 800
	Reach (m)	4.20* 4.20 3.50* 3.50
	Axis 6	Load up to 1000kg, wrist down
	Protection	Std: IP67, foundry plus 2
 IRB 260	Load (kg)	30.0
	Reach (m)	1.53
	Protection	Std: IP67
	Mounting	Floor
 IRB 460	Load (kg)	110
	Reach (m)	2.40
	Protection	Std: IP67
	Mounting	Floor
 IRB 660	Load (kg)	180 250
	Reach (m)	3.15 3.15
	Protection	Std: IP67
	Mounting	Floor
 IRB 760	Load (kg)	450
	Reach (m)	3.18
	Protection	Std: IP67
	Mounting	Floor
 IRB 360 FlexPicker®	Load (kg)	1.00 1.00 3.00 6.00 8.00
	Reach (m)	1.13 1.60 1.13 1.60 1.13
	Protection	Std: IP54/67/IP69K Option: Wash down, Stainless Clean room, ISO class 5-7, IRB 360-1/1130 certified by IPA
	Mounting	Floor
 IRB 910SC SCARA	Load (kg)	6.00 6.00 6.00
	Reach (m)	0.45 0.55 0.65
	Protection	Std: IP30
	Mounting	Table

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