ABB

ABB product range
Robots

With more than 300,000 robots installed across the world, ABB's strong solutions focus helps manufacturers improve productivity, product quality, and worker safety.

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.
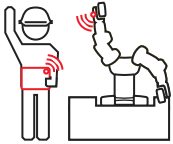
Key markets include automotive, plastics, metal fabrication, foundry, electronics, machine tools, pharmaceutical, and food and beverage industries.

Each of ABB Robotics' products are fully supported by our global sales and service organization in 53 countries and over 100 locations.

With production facilities in Auburn Hills, Michigan, USA, Shanghai, China, and Västerås, Sweden, ABB is the only robotics manufacturer with three factories, and is the first of the major industrial robotics companies to fully commit to a North American manufacturing footprint.

PRODUCT	BASIC SPECIFICATIONS	
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
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

PRODUCT	BASIC SPECIFICATIONS	
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 300,000 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	1.65	1.85		
	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 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	1000
	Reach (m)	4.20*	4.20	3.50*	3.50	Axis 6
	Axis 6	Load up to 1000kg, wrist down				
	Protection	Std: IP67, foundry plus 2				
	Mounting	Floor				
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				
IRB 910SC SCARA	Load (kg)	6.00	6.00	6.00		
	Reach (m)	0.45	0.55	0.65		
	Protection	Std: IP30				
	Mounting	Table				
IRB 14,000 YuMi®	Load (kg)	0.50				
	Reach (m)	0.60				
	Protection	Std: IP30				
	Mounting	Bench, table				
	Safety	PL b Cat B				