

From Concept To Commissioning



- Robotic System Design & Engineering
- Custom Automation Cells
- Installation & Commissioning
- Programming & Optimization
- Safety Integration
- Ongoing Support & Maintenance

Authorized Robotics System Integrator

Articulated Robots

ABB offers a comprehensive range of 6-axis articulated robots engineered to support a wide variety of applications. These robots provide ideal solutions for material handling, machine tending, spot and arc welding, cutting, assembly, testing, inspection, dispensing, grinding, and polishing tasks.

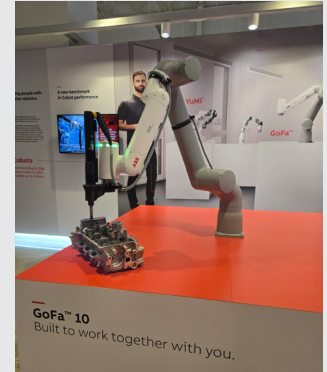


Key Features Include:

- Flexibility - Multi-Axis Movement
- Payload Capacity - Lightweight to Heavy-duty
- Speed & Efficiency
- Precision & Repeatability - High Accuracy For Consistent, Quality Results

Collaborative Robots - (Cobots)

ABB Cobots are collaborative robots designed to work safely alongside people while improving productivity and flexibility. They are easy to install, program, and scale, making them suitable for businesses of all sizes.



Here are a few applications:

- Collaborative robotic arms for assembly and material handling
- Pick-and-place automation solutions
- Welding and machine tending cobot systems
- Palletizing and packaging cobot solutions
- Integrated vision and inspection systems

Palletizing Robots

ABB palletizing robots are designed to automate end-of-line packaging with speed, precision, and reliability. Built for industries such as food and beverage, consumer goods, logistics, and manufacturing, they handle boxes, bags, crates, and other packaged products with consistent accuracy.

Key Features Include:

- High payload capacities for heavy or bulk items
- Fast cycle times to maximize throughput
- Compact footprints to fit into tight production spaces
- Flexible programming for different pallet patterns and product types
- Integration with vision systems and conveyor lines



Product Line Overview

Proudly building robots in the USA



COMPLETE
CONTROL
SOLUTIONS



6-Axis Robots

 IRB 1010 Payload (kg) 1.50 Reach (m) 0.37	 IRB 1100 Payload (kg) 4.00 Reach (m) 0.475, 0.58	 IRB 1200 Next Generation Payload (kg) 5.00 – 9.00 Reach (m) 0.70, 0.90	 IRB 1300 Payload (kg) 7.00 – 12.00 Reach (m) 0.90 – 1.40
 IRB 1600 Payload (kg) 6.00, 10.00 Reach (m) 1.20, 1.45	 IRB 1660ID Payload (kg) 4.00, 6.00 Reach (m) 1.55	 IRB 2600 Payload (kg) 12.0 – 20.0 Reach (m) 1.65, 1.85	 IRB 1300 Payload (kg) 8.0, 15.0 Reach (m) 2.0, 1.85
 IRB 4400 Payload (kg) 10, 60 Reach (m) 1.96, 2.53	 IRB 4600 Payload (kg) 20.0 – 60.0 Reach (m) 2.05 – 2.55	 IRB 5710 Payload (kg) 70 – 110 Reach (m) 2.30, 2.70	 IRB 5720 Payload (kg) 90 – 180 Reach (m) 2.60, 3.00
 IRB 6710 Payload (kg) 200, 210 Reach (m) 2.65, 2.95	 IRB 6720 Payload (kg) 170 – 240 Reach (m) 2.65 – 3.10	 IRB 6730 Payload (kg) 210 – 270 Reach (m) 2.70 – 3.10	 IRB 6740 Payload (kg) 240 – 310 Reach (m) 2.80 – 3.20
 IRB 6750S Payload (kg) 185 – 390 Reach (m) 2.90 – 3.90	 IRB 7710 Payload (kg) 280 – 500 Reach (m) 2.85 – 3.5	 IRB 7720 Payload (kg) 400 – 620 Reach (m) 2.9 – 3.5	 IRB 8700 Payload (kg) 550, 800 Reach (m) 3.50, 4.20

SCARA Robots

 IRB 910INV Payload (kg) 3.00, 6.00 Reach (m) 0.35, 0.55
 IRB 920T Payload (kg) 6.00 Reach (m) 0.45 – 0.65
 IRB 930 Payload (kg) 12.0, 22.0 Reach (m) 0.85, 1.05

Delta Robots

 IRB 360 FlexPicker Payload (kg) 1.00 – 8.00 Reach (m) 1.13, 1.60
 IRB 365 FlexPicker Payload (kg) 1.50 Reach (m) 0.80 – 1.30
 IRB 390 FlexPacker Payload (kg) 10.0, 15.0 Reach (m) 2.65, 2.80

Palletizing Robots

 IRB 460 Payload (kg) 110 Reach (m) 2.4
 IRB 660 Payload (kg) 180, 200 Reach (m) 3.15
 IRB 760 Payload (kg) 450 Reach (m) 3.18

Collaborative Robots

 CRB 15000 – GoFa Payload (kg) 5.00 – 12.00 Reach (m) 0.95 – 1.52

Scan the QR Code or Visit the Website Below to Learn More!



<https://new.abb.com/products/robotics>

OmniCore Controllers

	 E10 Ultra Slim	 C30 Compact	 C90XT Rugged yet Compact	 V250XT Versatile	 V400XT Large and flexible
Applicable Robots	Articulated, SCARA	Articulated, Cobot, Delta, SCARA	Articulated, Cobot, Delta, SCARA	Articulated, Delta, Palletizer	Articulated, Delta, Palletizer
Robot Payload	Up to 22 kg (IRB 1300, IRB 930)	Up to 22 kg (IRB 1600, IRB 930)	Up to 22 kg (IRB 1600, IRB 930)	Up to 310 kg (IRB 6790)	Up to 800 kg (IRB 8700)
Width x Depth x Height	449 mm x 338 mm x 89 mm	449 mm x 443 mm x 170 mm	500 mm x 355 mm x 520 mm	650 mm x 480 mm x 960 mm	650 mm x 480 mm x 1140 mm
# ADU (up to)	0	0	1	3	6



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