

		Number of Axes	Payload	Reach	Weight	Speed	Targeted Applications	Vision & Sensors
ABB - YuMi		Dual-arm 7-axis arms	0.5 kg (1.1 lbs) per arm	500 mm (19.7 in)	38 kg (83.6 lbs)	1.5 m/s (59 in/s)	Small Part Assembly 3C Consumer Products Toy Industry Watch Industry	Optional end effector vision sytem
ABB - Roberta		6-axis arm	8 kg (17.6 lbs)	800 mm (31.5 in)	19.5 kg (42.9 lbs)	110 °/s	Inspection Mobile Platforms Human Machine Interaction	Flexible force-torque sensor / independent force sensors in each fingertip
Bionic Robotics - BioRob		One 4-5 axis arm with joint elasticity in A1-A4	0.8 kg (1.8 lbs) nominal load 0.5 kg (1.1 lbs) in cooperative operation	956 mm (37.6 in)	6 kg (13.2 lbs) incl. control, moving arm from shoulder only 2 kg (4.4 lbs)	130°/s (A1), 80°/s (A2), 90°/s (A3- A4), 330°/s (A5) Up to 1.3 m/s at end effector	Palletizing Machine Tending Product Testing Laboratory Automation	Joint torque sensing using joint elasticity in A1-A4
BOSCH - APAS		6-axis arm	2 kg (4.4 lbs)	911 mm (35.9 in)	230 kg (506 lbs)	Arm: 0.5 m/s (19.7 in/s)	Machine Tending Pick and place Process Application Assembly Packaging	2D monochrome overview camera, 3D calibrated stereo camera, touchless triggering sensor
Fanuc - CR-35iA		6-axis arm	35 kg (77 lbs)	1,813 mm (71.4 in)	990 kg (1584 lbs)	250 mm/s or 750 mm/s if the working area is monitored by a safety sensor	Automotive Packaging Distribution Metalworking	External cover to monitor impact, auto- resume button for fast restart, integrated vision is also available
F&P Personal Robotics - Prob 1U		4-axis arm	3 kg (6.6 lbs) 1.5 kg (3.3 lbs) with P-Grip	481 mm (18.9 in)	11 kg (24.2 lbs)	95 to 165°/s	Quality Control Assembly Service Robotics Healthcare	The fingertips are optionally equipped with task specific sensors
F&P Personal Robotics - Prob 1R		6-axis arm	3 kg (6.6 lbs) 1.5 kg (3.3 lbs) with P-Grip	771 mm (30.3 in)	16 kg (35.2 lbs)	95 to 165°/s	Quality Control Assembly Service Robotics Health care	The fingertips are optionally equipped with task specific sensors
Kawada Industries - NEXTAGE		Dual-arm robot 6-axis arms	1.5 kg (3.3 lbs) per arm	N/A	130 kg (286.6 lbs)	Joints: 133°/s to 300°/s - according to the joint	Pick-and-place Assembly Process Application	Integrated stereo vision and hand cameras
KUKA - IIWA		7-axis arm	7 kg (15.4 lbs) 14 kg (30.8 lbs)	7 kg : 911 mm (35.9 in) 14 kg : 931 mm (36.7 in)	7 kg : 22.3 kg (49.2 lbs) 14 kg : 29.5 kg (65.0 lbs)	Joints: 7 kg - 90°/s to 180°/s 14 kg - 70°/s to 180°/s	Machine Tending Pick and place Process Application Assembly Packaging	Integrated position and torque sensors in each joint
MABI - Speedy 10		6-axis arm	10 kg (22 lbs)	1384.5 mm (54.5 in)	28 kg (61.6 lbs)	120°/s (A1-A3) 180°/s (A4-A6)	Machine Feeding Handling Assembly	N/A