

# BEST PACKAGING



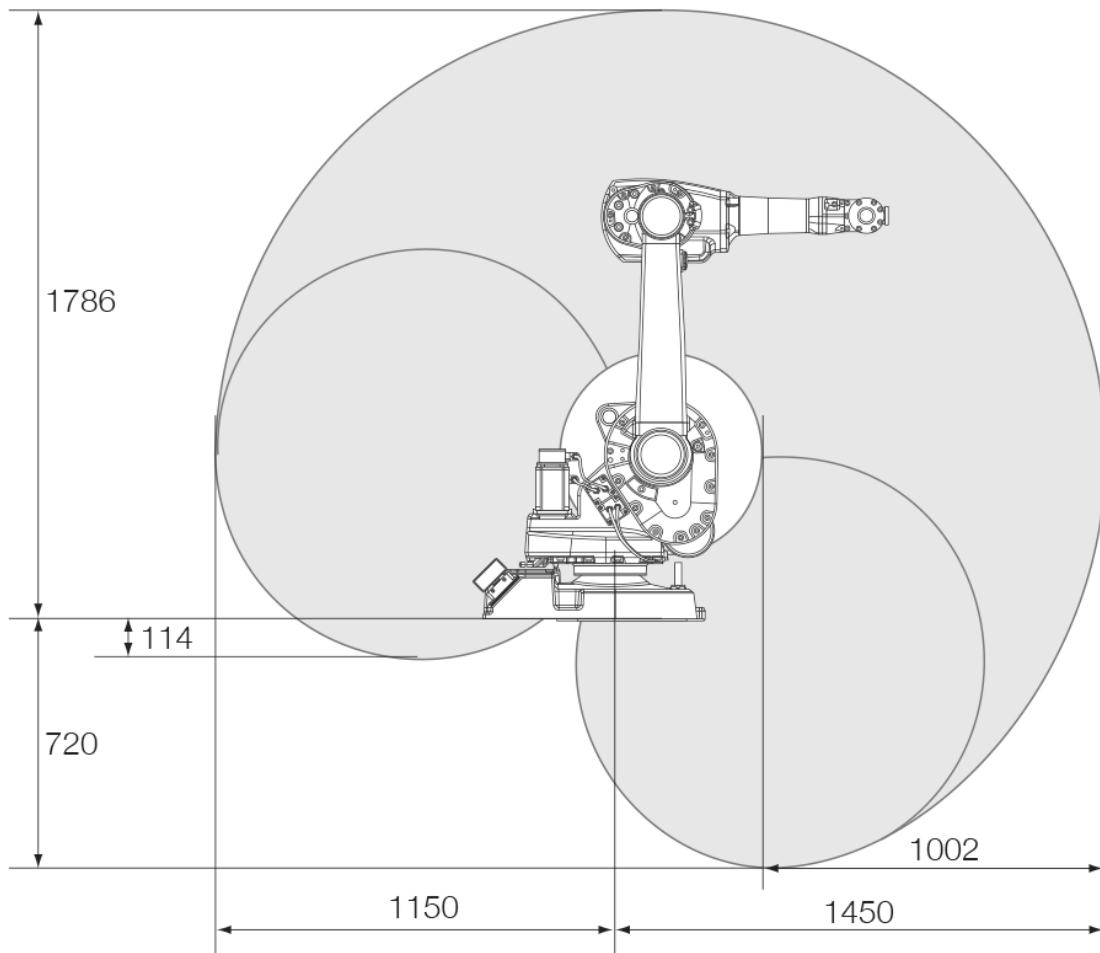
**Certified Refurbished ABB®  
IRB 1600-10/1.45**

**Best Packaging Inc  
(888) 930-BEST  
BestPackaging.com**

## Certified Refurbished ABB® IRB 1600-10/1.45

The IRB 1600-10/1.45 by ABB is a highly efficient robotic arm. The robot's cycle times are shorter, sometimes half that of other robots. It speeds up and slows down faster than other robots, saving time while moving between tasks. This machine doesn't cut corners. With the IRB 1600-10/1.45, the path will be the same regardless of speed. The robotic arm's "heavy and rigid" design guarantees low vibrations and low friction, delivering consistent high quality, high yields and fewer rejects.

The IRB 1600-10/1.45 is right at home in any environment. Mounting is fully flexible: on a shelf, on the wall, tilted or inverted. The entire manipulator is IP 54 classed and sensitive parts are IP 67 classed as standard. It features sustainable and low friction spur gears, which reduces power consumption down to 0.58 kW at max speed, and even less at low speeds. Smart collision detection software further adds to the robot's outstanding reliability.



The detail of the product(s), descriptions or specifications (for example weight, color, size, etc.) are only approximate values based upon a "standard model" of the representative product(s)/feature(s). There may be slight variations in the actual product design, dimensions, and functionality as compared to the information shown on our website and/or any supplementary product documentation, including but not limited to product brochures and spec sheets.

## Certified Refurbished ABB® IRB 1600-10/1.45

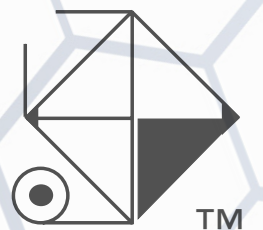
### Specifications

	Reach	Payload	Armload
	1.45 m (57")	10 kg (22 lbs)	30.5 kg (67.24 lbs)
Number of Axes	6 + 3 external		
Protection	Standard IP54		
Mounting	Floor, wall, shelf, tilted, inverted		
Controller	IRC5 Single Cabinet/IRC5 Compact		
Position Repeatability	0.05 mm		
Path Repeatability	0.13 mm		
Electrical Supply	200-600 V, 50-60 Hz		
Robot Base	484 x 648 mm (19" x 25.5")		
Robot Height	1294 mm (51")		
Robot Weight	250 kg (551 lbs)		
	Movement	Max.Speed	
Axis 1 Rotation	+180° to -180°	180°/s	
Axis 2 Arm	+150 to -90° <sup>2</sup>	180°/s	
Axis 3 Arm	+65° to -245°	185°/s	
Axis 4 Rotation	+200° to -200°	385°/s	
Axis 5 Bend	+115° to -115°	400°/s	
Axis 6 Turn	+400° to -400°	460°/s	

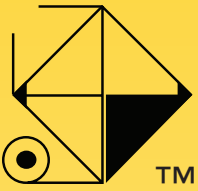


### Main Applications

- Assembly
- Arc Welding
- Material Handling
- Machine Tending
- Material Removal
- Cleaning/Spraying
- Dispensing
- Packing



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# BEST PACKAGING®

## WHY WE'RE THE BEST

Since 1997, we have been consulting, designing and implementing packaging solutions to offer the best for your operations. We represent a variety of equipment manufacturers, so as to ensure we're matching the right solution for your packaging needs. We only align ourselves with quality brands to make sure we are delivering the best value. It is our goal to provide the highest quality service to make your job easier and more productive.

Over 150 years of industrial experience, collectively.

We represent multiple brands and our analysis is unbiased. We can match the best systems with your needs based on the versatility of the job.

With preventative maintenance, operator training, and 24/7 support, we're with you every step of the way!

Steve Kudia, Owner of Best Packaging, serves on the ASTM committee. As part of a prestigious worldwide network of technical experts, he aims to make sure processes stay efficient by monitoring trends and educating customers on how they can improve their performance.

Equipment We Sell & Service

Stretch Wrappers

Shrink Wrappers

Tray and Case Loaders

Tray & Case Erectors

Corrugated Case Formers

Conveyors

Palletizers

Robotics

Strappers & Banders

Much, much more!



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