

# IRB 360 FlexPicker™

## Main Applications

- Assembly
- Material handling
- Picking
- Packing

## Features

- High speed flexibility
- High capacity – up to 8 kg payload
- Hygienic design for washdown applications
- Superior tracking performance
- Integrated vision software
- Integrated control of indexing belts

ABB's IRB 360 family of robots, more commonly known as the FlexPicker, can handle payloads of between 1 kg and 8 kg. Each of the family's variants is capable of the fastest picking applications and have been optimized for packing applications. The robot has outstanding motion performance with the shortest cycle times, precision accuracy and high payloads.

Whether operating at high speeds, in narrow or large spaces (maximum 1,600 mm), the IRB 360's stainless steel design allows for easy clean up and sterilization.



A stainless option for food handling applications is IP69K validated so that it can be washed down with industrial detergents and high pressure hot water. This variant is also designed with smooth and easy to rinse-off surfaces and lubricant free joints that are resistant to most corrosives.

Setting up an application becomes easy using PickMaster™ software which has evolved into an invaluable help for integrators and users of IRB 360. It simplifies vision configuration and offers the application tools needed for efficient high speed picking.

The reliable, market leading IRC 5 controller is also an integral part of the FlexPicker robot family. The IRC 5 with TrueMove™ and QuickMove™ guarantees high speeds and path following facilities which allows these robots to track fast moving conveyor belts with extreme accuracy. The IRC 5 also is available in a panel-mounted version that offers substantial space savings and easy integration into machines and production lines.

