Partners in painting

Robot based automation for the painting process
Moving forward together

The ABB Global Partner Program is designed to provide partners with the tools and information needed to succeed in an expanding market for paint robot automation. For our partners in painting we offer ABB’s reliable, leading edge products backed by the services and support of our global paint team. Together we share the same goal - to create added value for our mutual customers.

Customer value
By introducing robot automation in the painting process, our customers will experience reduced operating cost and improved product quality and consistency. They will be able to increase their production rate and see reduced material consumption and waste, making them more profitable and competitive. Paint robot automation also leads to less emissions and a cleaner environment.

Experience and know-how
Since we developed and installed the world’s first paint robot in 1969, ABB has installed more than 10,000 painting robots. Building on this, we have become the leading paint robot manufacturer in the world, and have developed extensive process knowledge and innovative new products, backed by our world-class services. Our high quality products provide reliable operation and high uptimes.
Quality painting made easy
The IRC5P paint robot control system is the newest controller generation from ABB, specifically designed for the paintshop. It uses the new Ex FlexPaint Pendant and RobView 5 - the next level in paint cell supervision.

Fast installation and commissioning
The new paint robot control system reduces the time for installation and commissioning by providing fast set-up and configuration. The system automatically adapts to the application configuration in the installation.

Powered by IPS™
IRC5P integrates our high speed process control, IPS, with our superior motion technology. This provides full control of the paint process, cuts down cycle time and saves paint as well as the environment.

![Robot Image]

RobView 5 gives you full overview of the paint robots and the paint process. A basic version comes with every IRC5P control system.

With the ShopFloor Editor the operator can optimize the paint program to improve the paint result during production.

The FlexPaint Pendant provides easy and safe robot operation and programming. Supports Asian languages.

IRB 52
- **MAIN APPLICATIONS:** Medium to small parts painting, Consumer electronics painting, Metal parts painting, General industry painting
- **MAIN BENEFITS:** Cost effective, Space saving
- **MAIN FEATURES:** Process integration, Excellent work envelope

IRB 58
- **MAIN APPLICATIONS:** Plastics parts painting, Electronics painting, General industry painting
- **MAIN BENEFITS:** Precision painting, Saves space
- **MAIN FEATURES:** Hollow wrist, Compact

IRB 540
- **MAIN APPLICATIONS:** General industry painting, Furniture, Sanitary
- **MAIN BENEFITS:** Cost effective, Easy programming, Versatile
- **MAIN FEATURES:** Flexi-wrist, Point-to-point lead-through teach, Large work envelope

IRB 580
- **MAIN APPLICATIONS:** Plastics parts painting, Electronics painting, Automotive parts painting, General industry painting
- **MAIN BENEFITS:** Cost effective, Precision painting
- **MAIN FEATURES:** Hollow wrist, Compact, Packages available

IRB 5500 i
- **MAIN APPLICATIONS:** General industry painting, Large parts painting, Tier 1 painting
- **MAIN BENEFITS:** Cover large painting area, Reduced booth size, Versatile and flexible
- **MAIN FEATURES:** Large work envelope, Flexible mounting

ABB
Over the last three decades, ABB has remained committed to building and strengthening relationships with customers, integrators and partners throughout the world. We believe that mutual trust and confidence lie at the heart of innovative robotics and this has helped us to achieve clear leadership in a demanding field. Today, our solutions help pave the way for optimized production in the automotive, consumer electronics, metal fabrication, machine tools, foundry, consumer and plastics industries. Across the world, our global network of sales and service centres and our carefully selected partners make ABB’s products, systems and services available wherever they are needed.