

IRB 5400-12 Slim arm

IRB 5400 Nouvelle version



The Superior Painter

The IRB 5400-12 is an enhanced version of the reliable workhorse IRB 5400-02. The significant improvements makes the Enhanced IRB 5400 the Paint Robot which always finishes best in class.

Shake hands with the world's best paint wrist

The area of the hollow wrist's internal opening has been doubled and the payload capacity increased by more than 65%. This enables heavy atomizers or two-atomizer systems to operate with high acceleration and speed, reducing cycle time and maintaining an even film build.

ABB's Cycle Time Saver

What makes this Paint Robot so superior and unique is the cycle time savings you as a user will gain. The extensive work-envelope combined with the unique, increased acceleration and the increased capacity both on the wrist and the counter-balance, has made this Paint Robot fully earn the name Cycle Time Saver.

Easy Maintenance

The design of the vertical arm and its electronics is extremely easy to access and service. For fast and easy diagnostics LED signals can be read without removing any covers. There is less field connections and ample direct access to all components.

High Uptime

ABB's powerful software package CAP (Computer Aided Painting), including the ShopFloor Editor, allows easy programming and process tuning without interrupting production. Flexible communication interfaces make it easy to adapt to any painting requirement.

High Finish Quality

ABB's exclusive Integrated Process System (IPS) provides closed loop regulation, high speed and control for paint and air flow adjustments. This minimizes over-spray, secures uniform film build, maximizes finish quality as well as paint and solvent savings. The robot enables high quality while reducing cost and protecting the environment.



