



Less is more

Introducing the FlexPainter IRB 5500



Less axes

more flexibility



The unique design and configuration* of the brand new wall mounted FlexPainter IRB 5500 has created the largest and most flexible robot working envelope of any exterior car body paint robot.



*Patent pending



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Settle for half

**get more
in double**

The FlexPainter IRB 5500 combines high acceleration, painting speed and large working envelope. This makes two FlexPainter IRB 5500s capable of handling jobs that up until now has required four paint robots.



No back up required

more

uptime

guarante

ABB's new FlexPainter IRB 5500 is designed for 100% uptime. Back up or degrade scenarios will no longer be required. All process equipment is easily accessible on operator floor level.



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**Less
atomizers**

**higher
flow**

ABB's FlexBell Cartridge System (CBS) is the most efficient solution for non-batch painting and multiple coloring. The combination of ABB's high flow atomizer and the acceleration and accuracy of the FlexPainter IRB 5500 makes this a unique power performance configuration.



Less overlap

more even film build

The unique concept of the FlexPainter IRB 5500 allows the robot arm to move parallel to all vertical and horizontal car surfaces, eliminating the need for overlapping (patch work) painting. The result is a better finish quality and reduced paint consumption.



**Less of what
you don't need
more
of what
really
matters**

Lower cost, both initially and in the long run. More uptime and reliability. Less time to install. In fact, once it arrives at your production plant, the FlexPainter IRB 5500 is up and running within 48 hours. At ABB we have been setting standards for the paint robot industry for more than 35 years. The FlexPainter IRB 5500 sets a new one.



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