



“RECO-PAINTER®” – PAINTING PORTAL FOR THREE-DIMENSIONAL LARGE AREAS

Top-quality results!

The painting portal is designed for automatic coating of surfaces of cubic workpieces such as box bodies, containers etc. Apart from the constant high

surface and coating quality our portal is characterised by long operation times and spraying precision.



“RECO-PAINTER®” – IMPRESSIVE PAINTING RESULTS

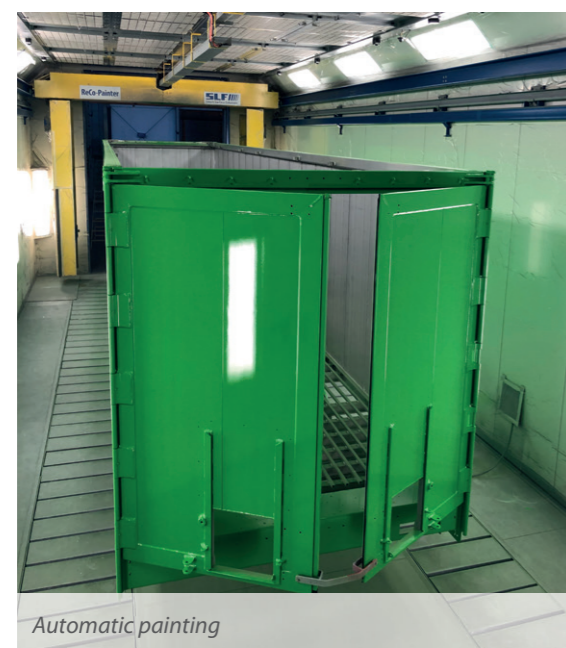
Our “ReCo-Painter®” is an automated painting portal, which is used to coat large rectangular components such as box bodies for trailers and containers with small undercuts automatically, with reproducible high quality, efficiently and quickly.

It consists of a ceiling-guided longitudinal travelling device similar to a crane system with two trolley travelling gears. The lifting columns, also called coating columns, are located under each trolley travelling gear. They are equipped with a vertical travelling device. The spraying guns fixed to it enable the “ReCo-Painter®” to have an oscillation range over the entire height of the workpiece.

Designing the painting portal we placed great importance on easy handling and operation of the “ReCo-Painter®”. The automatic contour detection of the components contributes in



Optimal space usage of the “ReCo-Painter®”



Automatic painting

particular to this, which eliminates the need for time-consuming programming of the component geometry.

Man and machine as a team

Another particularity is the interaction of man and portal, as due to a personnel safety system the “ReCo-Painter®” and the painter can work simultaneously. This means that the painter can carry out control work while the automatic operation is running. It is also possible to use lifting platforms inside the booth for manual coating.

The “ReCo-Painter®” can be used with all common industrial paints. The coating can be applied either at low pressure or at high pressure.

As a result of the travelling paint supply the make-ready times for a colour change are very short.

Our “ReCo-Painter®” is designed for usage in Ex zone 2.



Advantages of the “ReCo-Painter®” at a glance:

- Automatic workpiece contour detection
- No need for time-consuming programming of the workpiece geometry
- Significant reduction of painting times by up to 70%
- High coating quality
- Reproducible constant coating thickness
- Considerable reduction of paint consumption due to improved application efficiency
- Efficient personnel deployment
- Short make-ready times, fast colour changes possible
- Permanent control of the workpiece or coating contour ensured by a laser measuring system running ahead
- Depending on the equipment, surface capacities of up to 3 to 8 m²/min. possible
- Possible integration into existing paint-spraying booths

* ReCo = Remote Control



For further information about our “ReCo-Painter®” please visit our website.



Features and technical data:

- High travelling speed of up to 10 m/min. on the longitudinal axis
- Movement on the longitudinal axis in steps of 50 - 400 mm
- Ex II 3 GD T3
- Coating of front surfaces, doors
- Application unit moves vertically at a speed of up to 5 m/min.
- Spray head / gun keeps an automatically defined distance to the coating surface

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