SECKLER

Flexible painting booth – SECKLER *paintero*.

The flexible paint booth for your valuable items.

Painting at its finest.
With SECKLER *paintero*. From SECKLER.

The proven product range SECKLER *robomation* has been extended by another application. The painting robot cell SECKLER *paintero* meets your modern quality standards and increases the efficiency of your painting processes.

Areas of application
+ Automotive (interior parts)
+ Watches/Jewelry
+ Consumer Goods
+ Household appliances

Spray gun in paint booth
+ Overhead laminar flow with filter
+ Underneath filter with extraction
+ Pallet fixture during painting
+ Single-head or dual-head spray guns available
+ Spray guns are based on HVLP (High Volume/Low Pressure) technology
+ Optional replaceable jets with various nozzle clearances are available

Robot
In addition to painting, the SECKLER *paintero* also does the following tasks:
+ Palletizing
+ Ionizing
+ Cleaning

Gun Cleaning Station
Discharge of the material hose before the color change, flush the gun with solvent and brush the nozzle.

Automatic tool changer
From the pallet gripper to spray gun or vice versa.

+ High flexibility

With a user-friendly programming system, the SECKLER *paintero* is suitable for the painting of small parts in various shapes and forms

+ Better process control

Pinpoint control reduces the consumption of paint and solvents

+ High quality and repeatability

The desired layer thickness is achieved with flexible parameters

+ Excellent coating results

The low kinetic energy of the particle color makes for a very sophisticated spray jet with little overspray and turbulences

Flexible control with visualization

SECKLER *paintero* software allows control of the following painting parameters:

+ Atomizing air volume
+ Jet width (air shape)
+ Material pressure and dosing of the amount
+ Number of layers
+ Drying time between coats
+ Circular or linear movement
+ Number of lanes or number of circles
+ Color change
+ Setting distance of the spray gun
+ Angle of the spray gun

By setting these parameters, the robot program is automatically configured. No robot skills are necessary. Painting parameters can be changed during production. Existing recipes can be easily picked up from the CSV file server or stored on the server.

Color changing

Up to five color tanks and one container of solvent are available. The color tanks are equipped with automatic stirring. A color change valve block ensures short color change times.

Workpiece storage

The workpieces that need to be painted are on pallets. Delivery and storage of pallets are done with two trolleys.

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