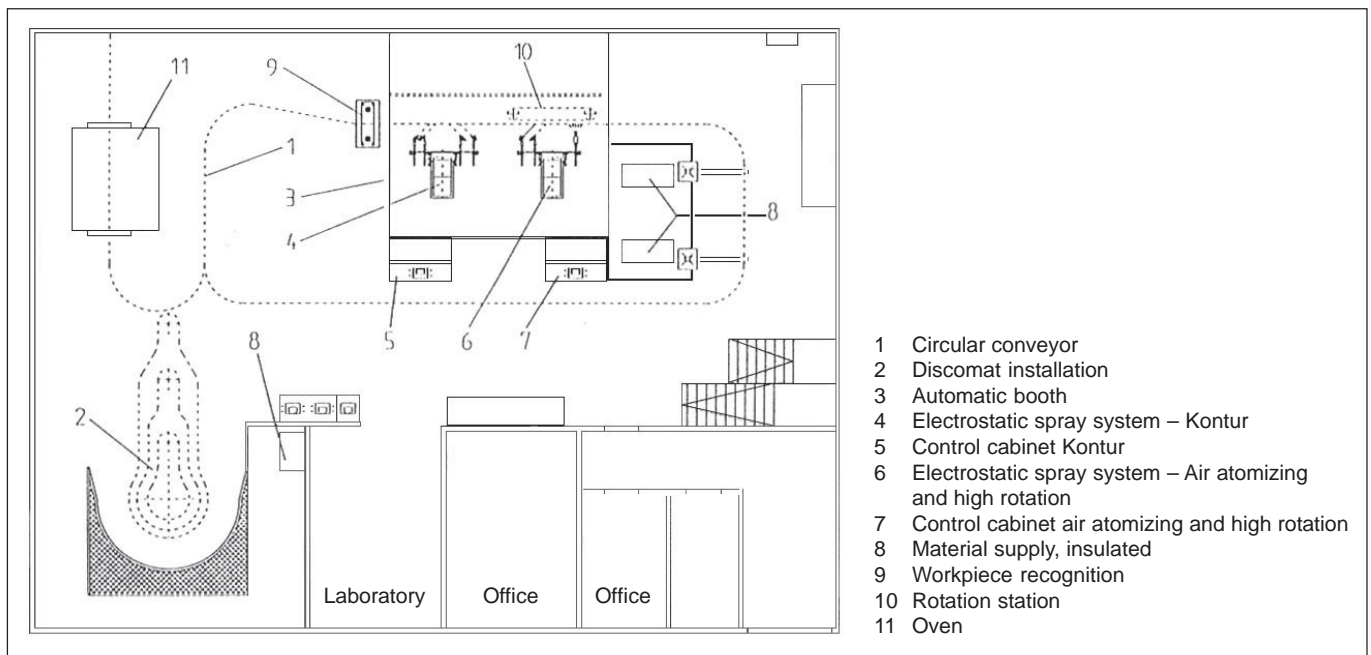


REITER Laboratory

for linear and robot applications



The laboratory facilities are used for tests, development trials with customers, paint manufacturers and general contractors. We carry out training courses for customers employees.

Trials at the demonstration laboratory are charged on a daily rate of EUR 980,- . The costs are refundable in case of orders being placed.

Installed Equipment

Discomat installation

- Dry filter spray booth
- Reciprocator with controls for infinitely stroke and speed adjustment including two speeds/stroke, stroke: 400-1500 mm, suitable for max. part size 1300 mm
- HR Center Disc, for discs with a diameter of 100 - 250 mm
- Discomat conveyor with Omega diameter: 1200-1600-2000 mm, conveyor speed max. 10 m/min., jigs with rotation units for continuous or indexed 2 x 90°, conveyor spacing: 300 mm

Linear automatic spray water wash booth

- Overhead conveyor
- Rotation unit of workpieces
- 1 reciprocator inverter controlled for electrostatic high speed bell atomizers and spray guns
- 1 fixed stroke reciprocator for max. 6 electrostatic airless or air atomizing spray guns with automatic workpiece recognition and spray gun control; mainly used for automatic window spraying plants
- Insulated paint supply unit for electrostatic application of waterborne systems

Robot automatic spray booth

- FANUC robot P-250iA/5L
- High rotation and air atomizing spray systems
- 1K-/2K- and 3K low pressure paint supply and dosing system
- Floor and overhead conveyor with rotation unit

Oven and control technology

- Two ovens are available with temperature range up to 230°C
- Installation visualization with trial data recording

Technical Data

Laboratory for linear and robot application

Overhead conveyor

V-max:	12 m/min.
Load:	25 kg/jig
Spacing:	400 mm

Floor conveyor – Simulation

V-max:	4,6 m/min.
Load:	100 kg
Spacing:	1 Skid for parts

Oven

Temperature:	230 °C max.
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Booth openings (max. workpiece)

Height:	1.800 mm
Width:	600 mm

