

EasyTeach-RoboTwin

Easy programming for robotic coating



Features

- **Simple “robot training” instead of complicated programming**

RoboTwin enables a painting robot to be “taught” the sequence of movements for the painting paths using a spray gun, simply by a painter demonstrating the movement once.

The system records these movements, generates a robot programme from them, and the robot can then continue working independently – without the need for a traditional robot programmer.

- **Automation made simple**

Programming painting robots can be complex and time-consuming. RoboTwin significantly lowers this barrier and makes automation easily accessible. This is particularly true for varied and smaller batch sizes.

- **Time and cost savings in production**

By recording the hand-painting process and generating robot programmes from it, there is no need for separate programming, saving both time and labour costs. Furthermore, it is possible to ‘train’ several robots simultaneously.

- **Flexibility and rapid adaptation**

RoboTwin is suitable for spray painting and powder coating. It is plug-and-play and requires minimal setup. The generated motion sequence can be edited offline.

- **No programming experts required**

Skilled workers can create robot programmes without any programming knowledge, eliminating the need for complex external robot programming.

- **Automation even for small batch sizes**

Robotics is not only of interest for large-scale production, but also for single-unit and small-batch production.

- **Increased productivity**

The use of robots boosts efficiency and output.

RoboTwin consists of:

- RoboTwin unit with carrying strap
- Sensor unit with spray detection
- Mounting bracket for the spray gun
- Charger, RoboTwin app
- Optional: On-site training, Wi-Fi module, ATEX Zone 22 version, line tracking

Applications

- Powder coating and liquid painting
- Pre- and post-coating for lifting equipment
- Available for robots from ABB and Fanuc, as well as for all leading robot manufacturers