



SIMSPRAY

simspray.mimbus.com

Revolutionize your INDUSTRIAL PAINTER training by including SIMSPRAY in your workshop. Reproduce a VIRTUAL painting cabin in which your trainees can practice with no danger, no painting waste and no impact on the environment. Make your trainees practice hundreds of different situations and control their progress.



BENEFITS

- ↗ Multiply your trainees' practice time
- 💰 Cut up to 50%* of your training costs
*study carried out at training centers using SIMSPRAY
- 👍 Follow your trainees' results and progresses
- 🍃 Save on your consumables and reduce your VOC emissions
- 🛡 Motivate your trainees through a playful, non-binding and secure approach



LEARNING STEP BY STEP



Simspray offers a progressive training path from beginner to expert level, to learn step by step and through practice about car and industrial painting and blasting.

What defines a painter is also his/her dexterity: a reliable hand, constant speed, regular angles, good wrist position; all these specific movements can be virtually learnt through SIMSPRAY in a repetitive way, at a rapid pace.

TRAINEES' FOLLOW-UP AND EVALUATION

The system provides the instructor with information about:

- ✓ Global success rates in the realization of a painting project.
- ✓ For every layer, the mastery percentage is analyzed according to 5 criteria:
 - ▶ Distance spray gun – part to paint
 - ▶ Advance speed
 - ▶ Longitudinal and transversal angles
 - ▶ Painting transfer efficacy (consumption)
 - ▶ Coverage rates

The instructor will obtain a graphic analysis of:

- ✓ The number of passes: each paint jet is followed in space
- ✓ The applied paint thickness and the different defects (run-out, orange peel, dried spray)

All information is available for the trainee and followed by the instructor, who can save it and generate results reports.

TECHNICAL CARD

Product SIMSPRAY	Standard Version	Industrial version	Powder Coating Version
HVLP	✓	✓	-
AIRLESS	-	✓	-
AIRMIX	-	✓	-
Electrostatic powder paint	Optional	Optional	✓
Blasting Module	-	Optional	-
Edge Blending Module	Optional	Optional	-
Industrial Version	✓	-	-
Evolution area	6.6m ² circle (71 ft ²)	9.6m ² circle (103 ft ²)	
Dimensions	0.7m x 0.5m (2.3 x 1.6 ft) It requires a workspace of 3m x 4m (9.8 x 13.1 ft)		
Main display	19" touch screen, possible to connect another screen or video projector		
Available languages	French, English, Spanish ...		
Specific features	Replay, to re-watch a performed action. User identification, learning paths management, contextual help.		

PEDAGOGICAL AIMS

The whole learning develops around one only objective: mastering the gesture.

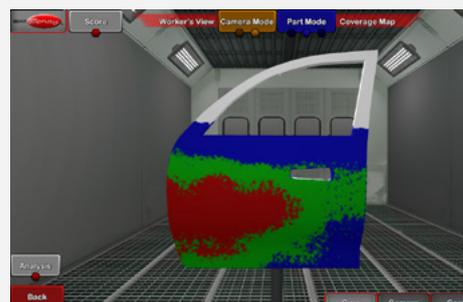
Through a recommended and adjustable pedagogical progression, the trainee will practice the fundamental criteria of his gesture, first on his own, and then with the group.

Basic exercises are included in SIMSPRAY. You can duplicate or adjust them, to be a part of your own projects.

The instructor can therefore work on specific projects and define the tolerance levels for pressure, speed, thickness, and all other criteria.



Simulation



Results analysis

With SIMSPRAY, make your trainees practice as many times as needed:

- ✓ To master the right speed, distance, angles
- ✓ To adjust the gesture according to the type of assembly that needs to be painted or stripped

In a 5-weeks training with a 40% use-time (2 weeks), reduce your training costs up to 50% and increase the learning results by 35%.

Non contractual pictures

Developed by



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