

AUTO WHEEL PAINT MACHINE

WM600

Next level in automation



**Introducing the
fully automated
wheel painting
machine**



A patented, wheel painting robot, capable of painting both sides of a wheel from start to finish, fully automated, utilizing either a regular spray gun or an aerosol. The footprint of the wheel painting machine is identical to that of our WR-DCM3 Diamond Cut Wheel Machine (1 x 1 x 1,75m), capable of painting wheels from 13 to 22 inches.



World's first fully automatic Wheel Painting Machine

Eliminating guesswork or inconsistencies when painting wheels!

from start to finish

Full Process Painting

On the setup screen you can activate Primer, Color or ClearCoat and input the following application settings.

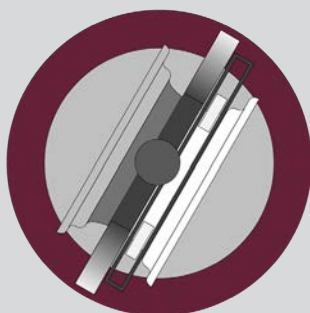
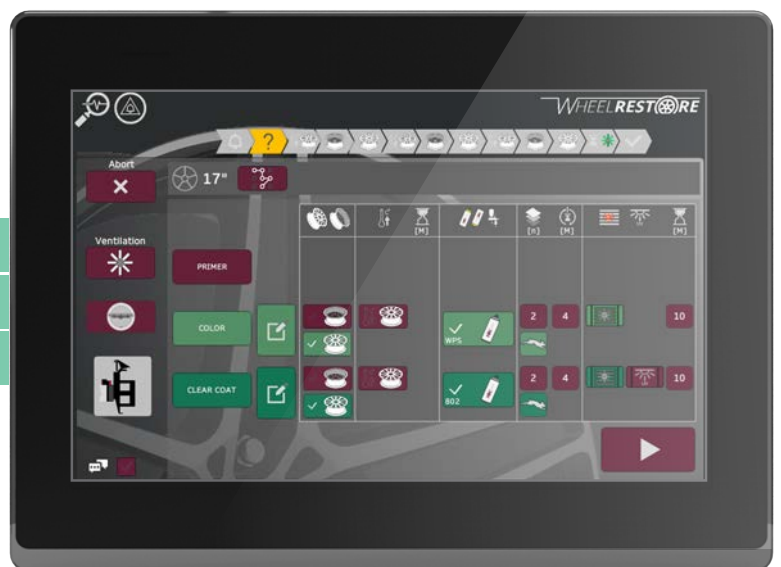
Set one or dual sided

Set from 1 to 3 layers

Set drying time

Auto Aerosol Shifter + Shaker

The Paint Machine operates with special HLVP aerosols and will automatically shift between each variable (base color, clearcoat, primer).



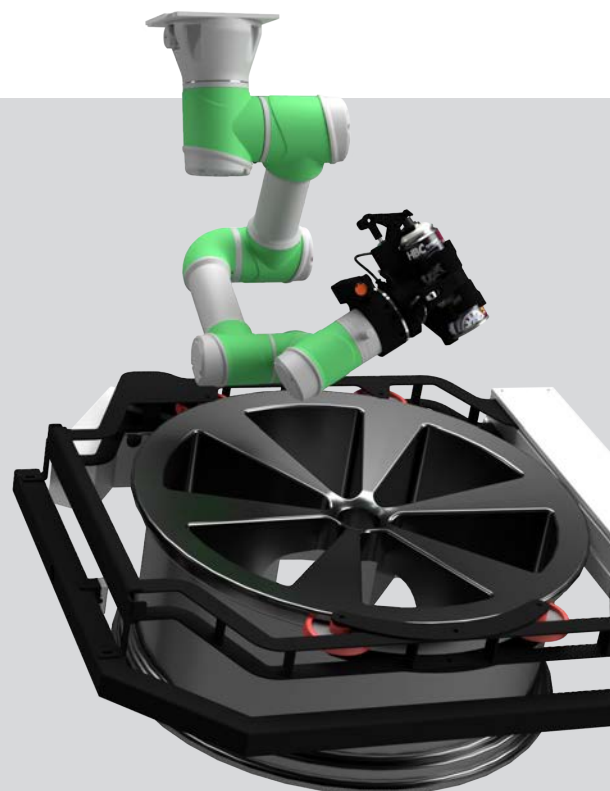
Dual-Sided Painting

A vital part of its operation is the dual-sided (front/back) painting capability using either a regular spray gun OR an aerosol can - including the application of Primer, Base color, and Clearcoat.



360° Vertical Rotation

The wheel automatically rotates in a smooth motion ensuring a steady material application that is difficult to duplicate by hand - resulting in consistent results with no irregularities.



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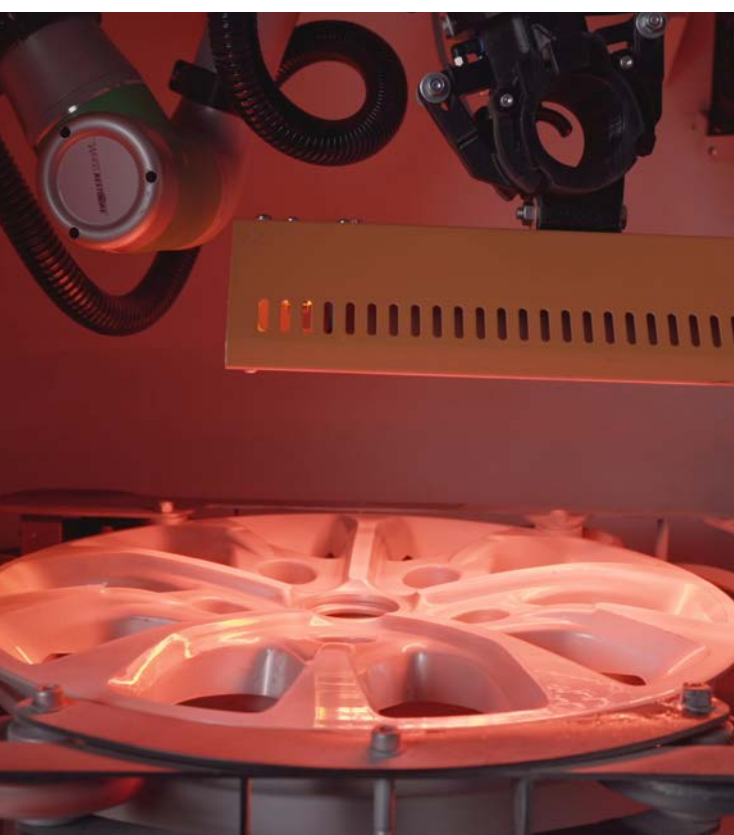
The wheel painter is a self-contained unit. Keeping the full workflow of painting, extraction, and curing in one user-friendly solution. It is equipped with both curing and extraction systems.



Wheel Paint Extraction

During the painting process, it is extremely important to have the best possible airflow in the Wheel Paint unit to avoid overspray and prevent the environment from being polluted with fumes and paint mist. The inlet filter takes care of clean inlet air to make sure no dust particles will affect the painting process.

The airflow in the unit is around 0,3 m/s which is even higher than an average spray booth. The ATEX-approved extraction ensures the paint mist and fumes are discharged through the filters to an optional filter bank or spray booth.

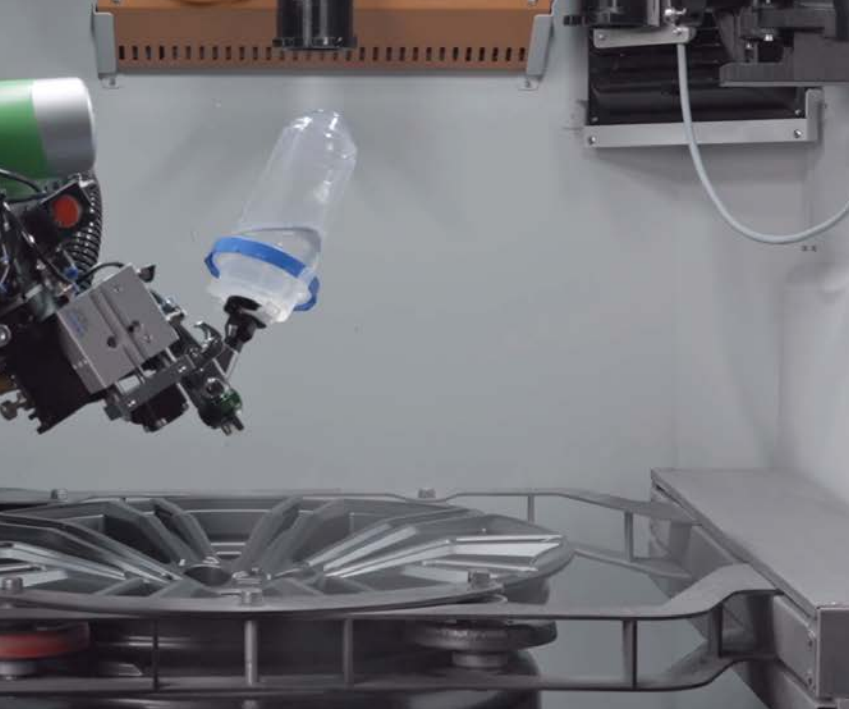


Wheel Paint curing systems

BUILT-IN INFRA-RED AND ULTRAVIOLET

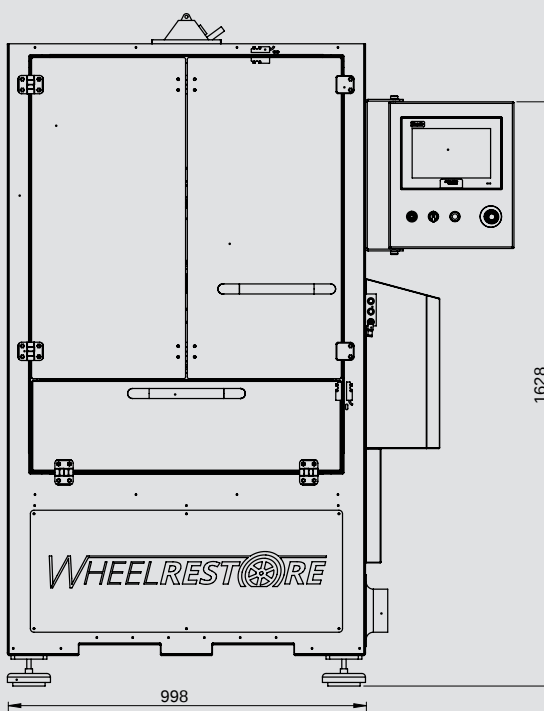
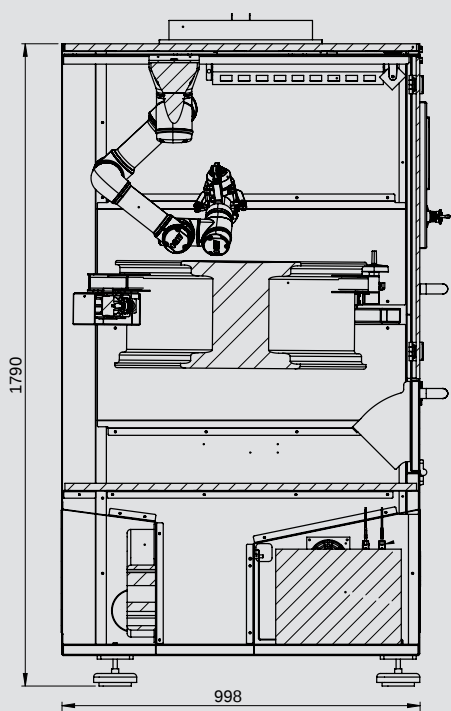
The Wheel Paint machine is equipped with 2 types of curing systems. Infra-Red (IR) and Ultraviolet (UV) lamps are installed inside the machine to make sure the primer, base coat, and clear coat will be cured in the best and fastest way possible.

Depending on the type of paint used which is selected in the program, the lamps are switched on for the required time to fully cure the layers applied. Once cured the rim can be taken out of the machine allowing the tire to be mounted. Curing times are between 35 seconds for UV up to 20 min for IR.



Fully Automated

A single enclosed Wheel Spray Bay with internal lights and wheel rollers, for Automatic application of primer, color, and clear coat by a Fully Automated Robot. Built-in UV and IR curing system and ATEX-approved extraction.



SPECIFICATIONS

Dimensions

Height 1790 mm

Width 998 mm

Length 998 mm

Power supply

220 Volt / 16 A

Wheel size

13" - 22"

Screen

12" touch panel display