

WHEELRESTORE

Alloy Wheel Repair Equipment





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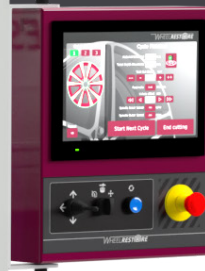
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ALLOY WHEEL RESTORATION

FULL PRODUCT RANGE



DIAMOND CUT WHEEL MACHINE WR-DCM3



capable of repairing alloys
without removing the tyre

Faster, more precise
wheel shape analysis

LASER PROBING SYSTEM



The Smarter Way To Restore Diamond Cut Alloys

Purpose-built for wheel restoration,
Nothing else!

The majority of new cars come with alloy wheels as standard and the different designs available are increasing. With this growing market there is more and more demand for diamond cut wheel repairs.



DIAMOND CUT is an alloy wheel which has been put on a lathe and part of or the entire painted surface of the wheel machined off to leave a shiny alloy finish. A small part of the actual alloy is machined off to create this finish. It is then lacquered over to prevent corrosion.

Introducing the **WR-DCM3** from Wheel Restore

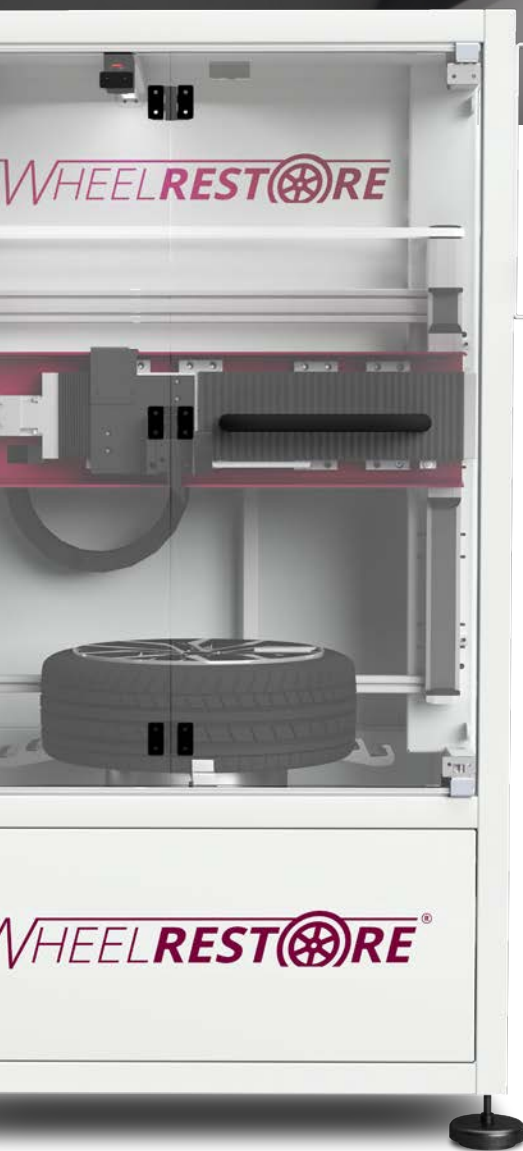
The WR-DCM3 has been designed from the ground up to be a refinishing machine for damaged alloy wheels. It produces a better finish than standard larger machines while being much faster and a lot smaller. Leaving you with a better turnaround time and more workshop space.

- » Restores diamond cut wheels up to 30"
- » Touch screen display
- » Step by step software
- » Automated LASER probe system
- » Repair with or without tyre
- » Training and technical support
- » CE compliant

BEFORE // AFTER



DIAMOND CUT WHEEL MACHINE WR-DCM3



Custom Software

The software is visualized with clear icons to ensure the machine is always safe and intuitive to operate. The software is developed to repair wheels, that's it!



- » Simple process guides, step by step
- » Touch screen operation panel
- » Operator mistakes reduced
- » A minimum of training is required



At the core of the Alloy Wheel Repair Machine is a tailor-made piece of software designed and engineered in Denmark.

QUICK COMPARISON

* Available in the European market

| Equivalent machines* | Wheel Restore WR-DCM3 |
|--|--|
| Weight 2300 kg | Weight 450 kg |
| Max Wheel Diameter 28" | Max Wheel Diameter 30" |
| Measure Accuracy < 1 mm | Measure Accuracy < 0.015 mm |
| Speed of probing 3-5 minutes | Speed of probing 1 minute |
| Installation Heavy Duty Forklift | Installation Standard Forklift |

Quick settings

3 easy modes with pre-defined settings, tool cut depth, feed rate, and RPM. Making it faster and easier to cut a rim while not having to remember the different settings yourself.

Diagnostics screen

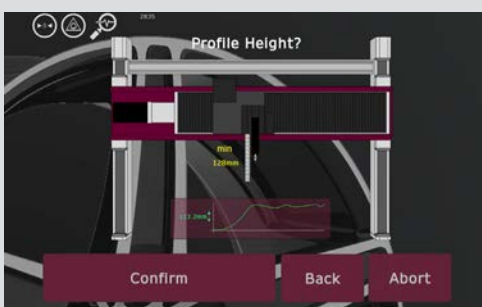
Provides an overview of the machine. Checking that all sensors, laser, buttons, and software work as they should. This also helps in better support and troubleshooting.

Repeat


During a cut, you can set the machine to make up to 3 cuts without the operator having to be present. Freeing up time to work on something else while cutting a rim.


Auto position


The machine can be calibrated so that it identifies the distance from the laser to the cutting tool. This gives a faster, more accurate result every time.





DIAMOND CUT WHEEL MACHINE WR-DCM3


 **KG** Light enough to be installed in the back of a van


 Operates with or without tyre

 Laser Probing System for a more accurate and much faster wheel shape analysis.

 Runs off a single-phase socket allowing it to be fully portable

 Machine is movable with a standard pallet jack

 Faster operation.
15 min. per wheel

 Ultra-quiet operation.
Low noise level



Electronic components supplied by





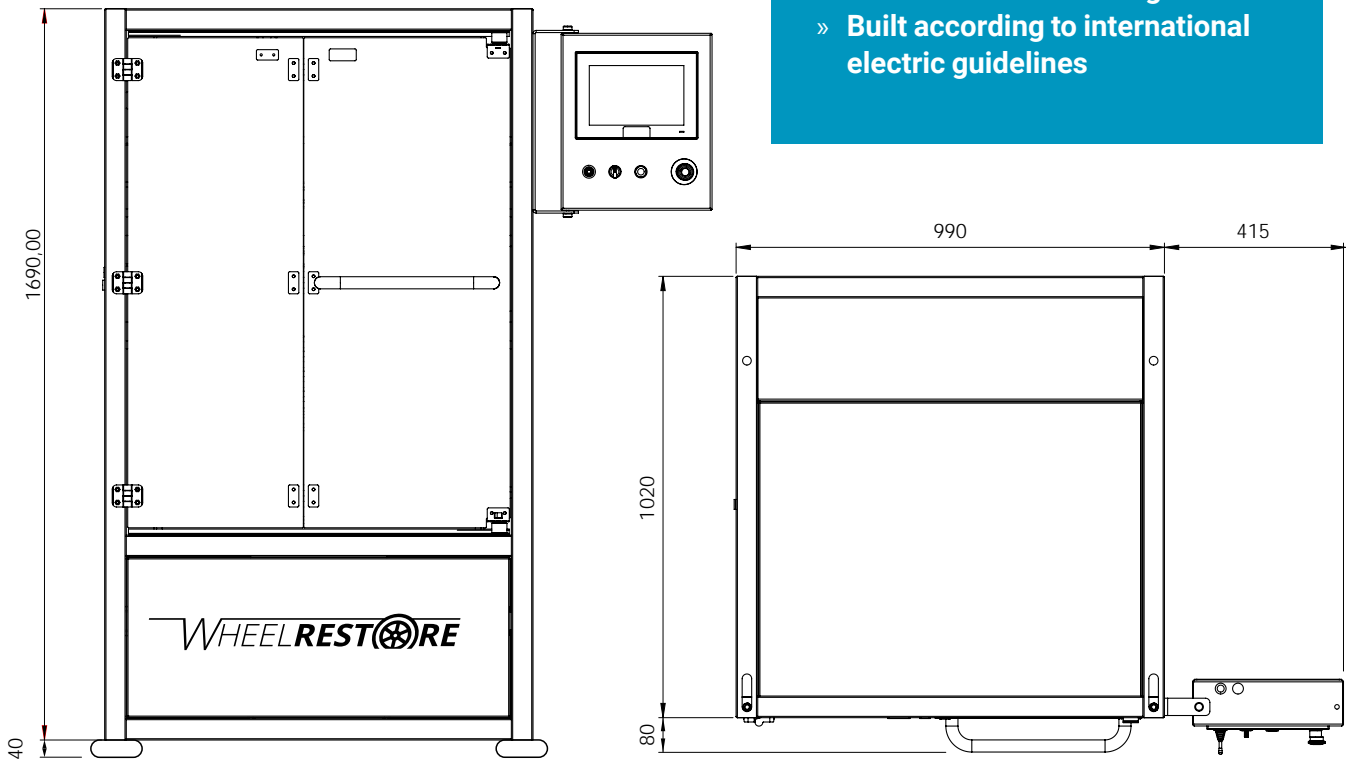
Electronic Spindle Brake Upgrade for WR-DCM3

Almost instant braking of the wheel. Waiting times can be annoying in the repair process. After deburring or the cutting pass is finished it can take up to 20 seconds before the wheel is static and the door can be opened. Doing 3-4 passes means a waiting time of more than one minute per wheel. Having this brake might save you ~15-20 minutes per day or in other words; repairing one wheel more per day! Installation is simple and can be done by yourself using our manual included when purchasing the Brake.

Part no. WM818

Safety first! The machine is designed to fulfill all the latest international CNC machine regulations.

- » Meets the ISO 23.125 directive (Machine tools-Safety-Turning Machines)
- » CE confirmative declaration
- » Full Risk assessments guides
- » Built according to international electric guidelines



| TECHNICAL SPECIFICATIONS | | | | |
|--------------------------|--------|--------------|----------------|-------------|
| X axis travel | 655 mm | Power Supply | 230 / 110V 16A | |
| Z axis travel | 350 mm | Dimensions | Length mm | 990 (1405) |
| | | | Width mm | 1020 (1100) |
| | | | Height mm | 1690 (1730) |
| Max wheel diameter | 30" | Weight | 450 kg | |

WHEEL BLASTING MACHINE WM750



Front Canopy Opening with lift supports

Streamlined accessibility.

Great Visibility

Bright work lights ensures precise blasting.

Intuitive Software

Material change reminders and diagnostics.

Quick Settings

Easily adjust blasting powder intensity

Waste Disposal System

Simplified material change process for minimal downtime.

Ergonomic Electric Wheel Loader

Effortless loading and unloading.

ATEX Approved Exhaust Fan

safety and compliance in any environment.

Low Power Consumption

Energy-efficient operation for cost savings.

Lightweight Design

Easily transportable for both mobile and static applications. Easy to Ship or Move.

Adjustable Blasting Position

Customize angles with ease.

The Wheel Blasting Machine is engineered to transform your surface preparation process. This heavy-duty, compact machine is the ultimate solution for precision wheel preparation, efficiently handling both painted and diamond-cut wheels, as well as similar materials.

With front-loaded access, the machine simplifies both operation and maintenance, while its user-friendly media change and disposal system ensures quick turnaround times. Ideal for workshops aiming to deliver high-quality finishes, this machine offers precision, reliability, and enhanced productivity.



| TECHNICAL SPECIFICATIONS | |
|----------------------------|------------------------------------|
| Dimensions (H×W×L) (mm) | 1850×1000×1000 |
| Rotating Table | Ø mm 750 |
| Exhaust Fan Max | 900 (m3/h) |
| Compressed Air Consumption | 250 to 1000 lt/m |
| Power Supply | 110V or 220V Single-Phase 50 Hz |
| Power Consumption | 280 W |

Built with premium components from Schneider Electric and Festo, our Wheel Blasting Machine is synonymous with reliability and longevity. It comes equipped with all media types - Fine, Medium, and Coarse Blasting Powder - as standard, delivering versatility right out of the box.

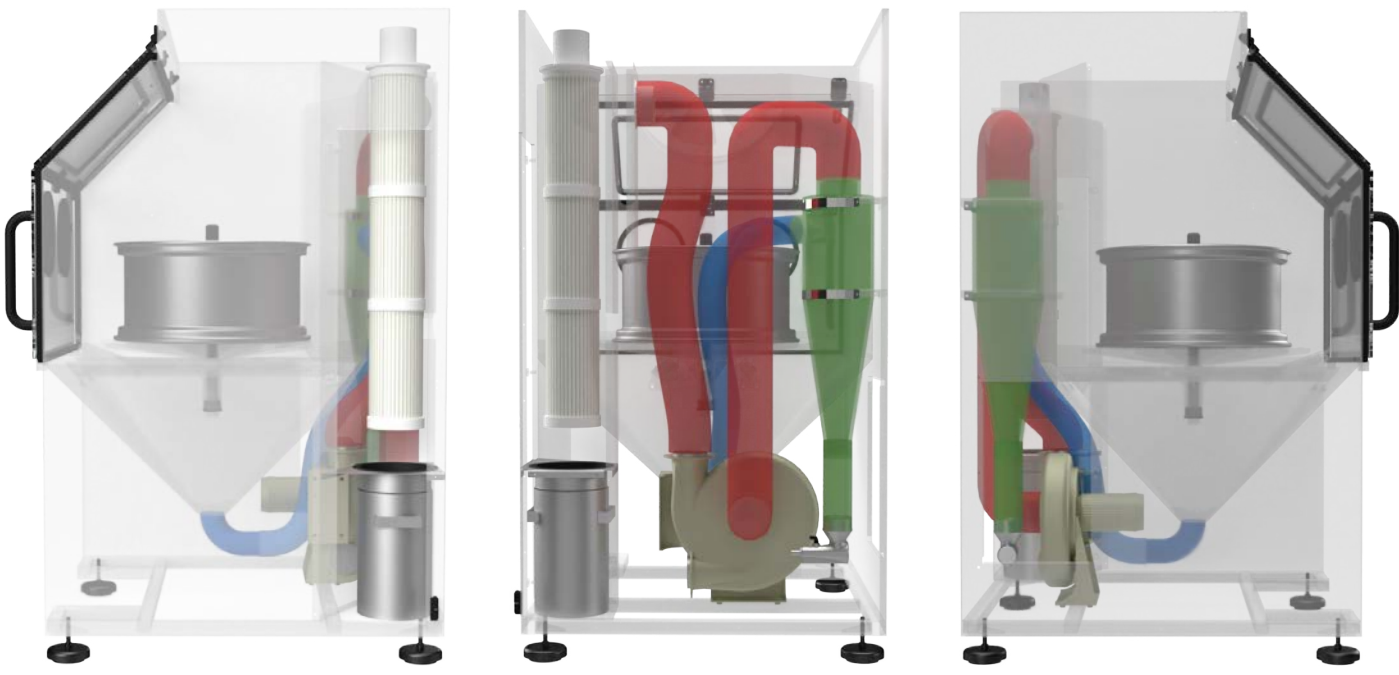
Unlike traditional sandblasting methods, our blasting powder can be reused multiple times, significantly reducing waste

Built-in Filtration and Cyclone System

This system significantly minimizes waste. It effectively filters out non-reusable powder, allowing for repeated media use, with an average consumption of just 9-10g per wheel. The filtration system includes a durable polyester filter cartridge equipped with a pressure switch that monitors pressure changes and detects any filter clogs, ensuring consistent performance and maintenance ease.



Also available in a manual configuration
Wheel Blasting Machine Manual - WM710



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.

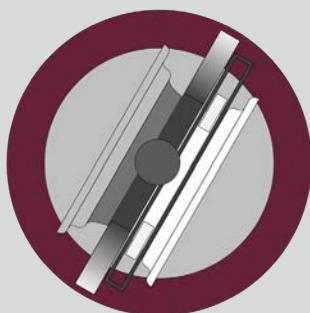
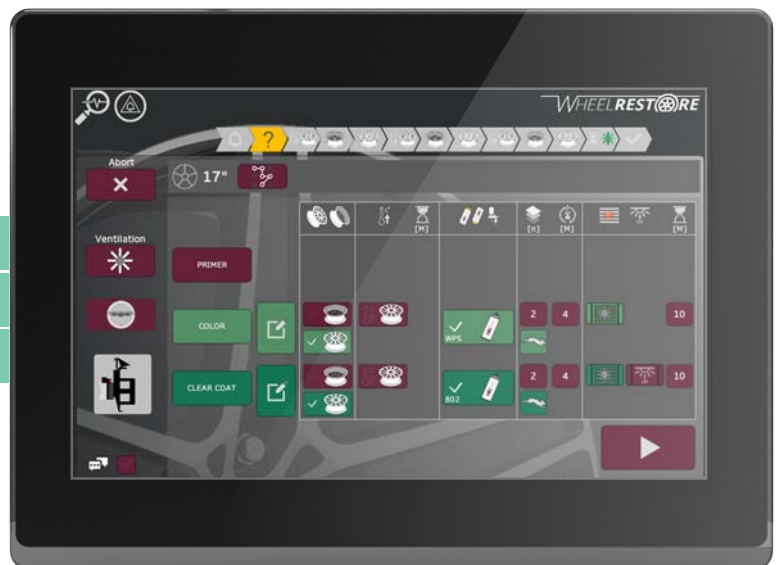
Set one or dual sided

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).



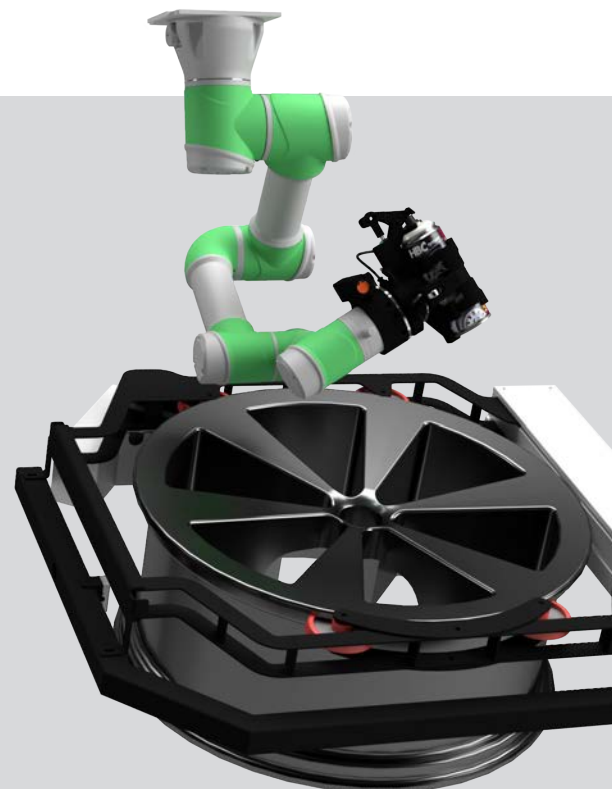
Dual-Sided Painting

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.



AUTO WHEEL PAINT MACHINE

WM600

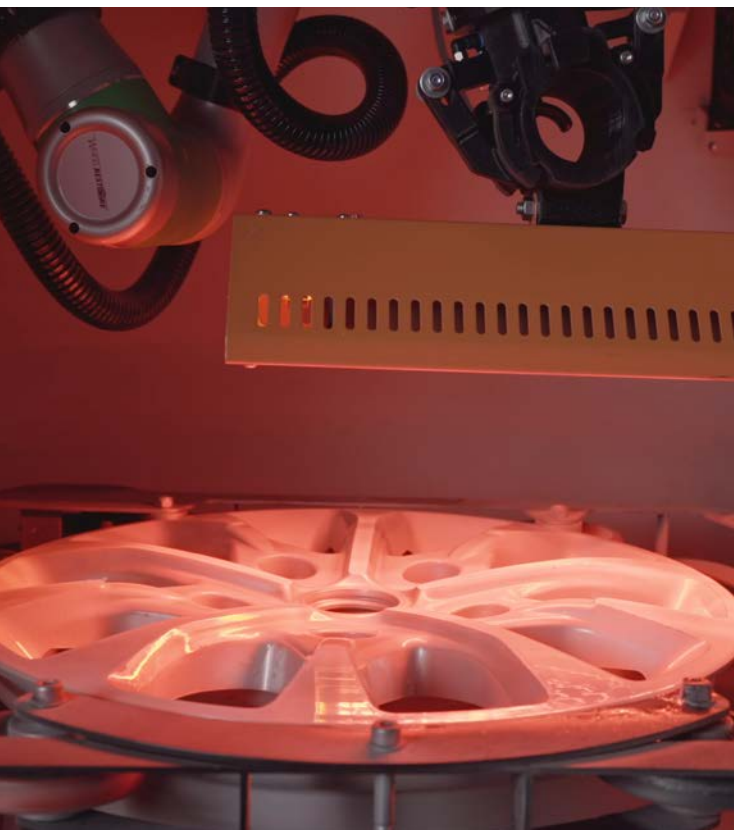
The wheel painter is a self-contained unit. Keeping the full workflow of painting, extraction, and curing in one user-friendly solution. It is equipped with both curing and extraction systems.



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.

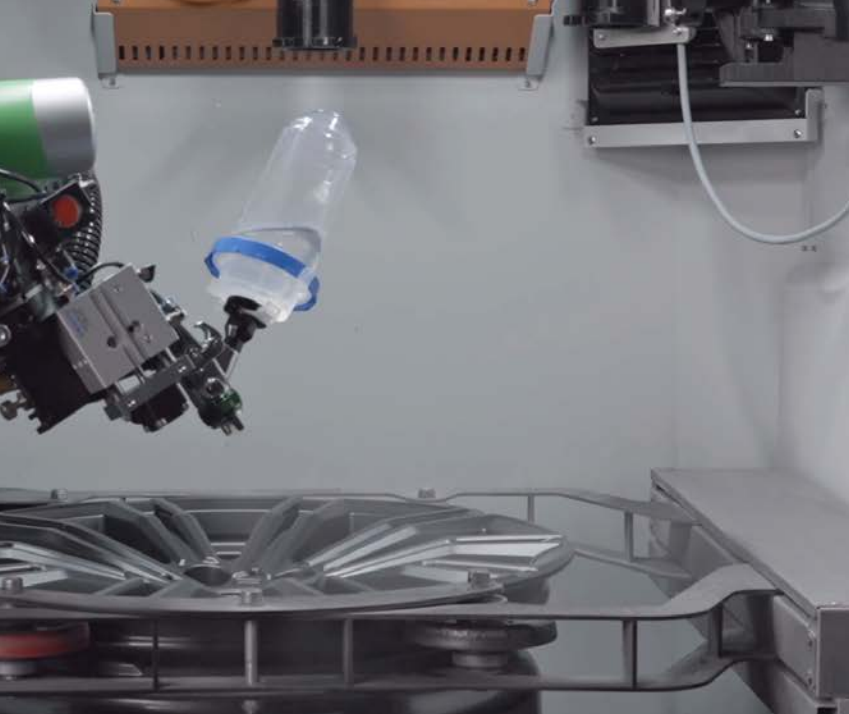


Wheel Paint curing systems

BUILT-IN INFRA-RED AND ULTRAVIOLET

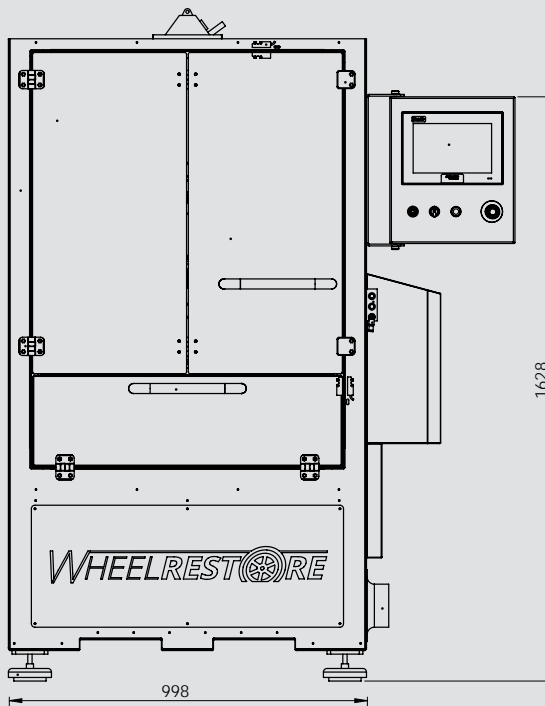
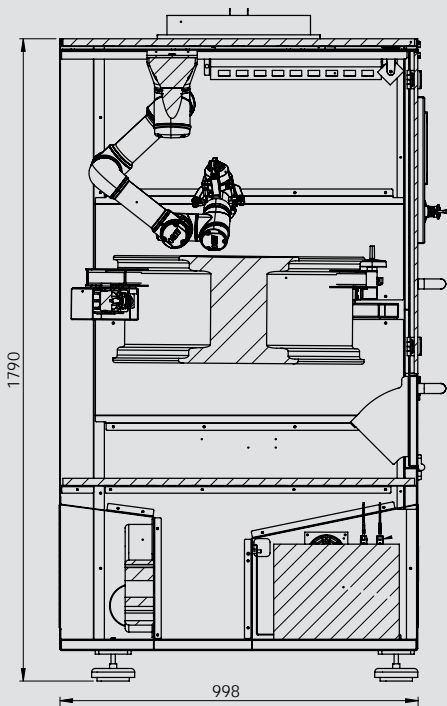
The Wheel Paint machine is equipped with 2 types of curing systems. Infra-Red (IR) and Ultraviolet (UV) lamps are installed inside the machine to make sure the primer, base coat, and clear coat will be cured in the best and fastest way possible.

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

ELECTRO- HYDRAULIC WHEEL STRAIGHTENER WM350



Due to the generally poor road surfaces and potholes many cars on the road suffer from warped wheels that are easily repaired with the WM350 Wheel Straightener.

Easily installed and requires minimal instruction for experienced technicians to get started.



**Electro-hydraulic
Wheel Straightener
Compact Version
WM300**



Professional hydraulic wheel straightener. A must have for alloy wheel repairers and tyre shops.

Easy to use and highly effective machine that allows technicians to quickly remove flat spots and buckles in warped wheels, eliminating the need to replace often times expensive oem alloys. Saving customers money and time. Fulfilling a high demand for repairs.



TECHNICAL SPECIFICATIONS

| | | | |
|------------------------|---|--------------------------|------------------------------|
| Maximum Rim Diameter | 10" - 24" | Sound Level | 35 dBA |
| Maximum Rim Width | 10" | Working Pressure | 0-200 bar (standard 150 bar) |
| Hydraulic System Motor | 0,75 kw 1400 rpm, 1 hp Single phase 220V | Packing Size (L x W x H) | 1200 x 800 x 1430 mm |
| | | Dimensions (LxWxH) | 1150 x 750 x 1400 mm |
| Axle Motor | 0,55 kw 1400 rpm, 0,75 hp Single phase 220V | Weight | 240 kg |

TIRE BEAD BREAKER WM200



Professional, high-quality, compact, portable Tire Bead Breaker from Wheel Restore

An easy-to-use, highly effective piece of equipment that allows technicians to quickly press down the tire from the rim for better access to the damage, for any type of repair (Polished, Painted, or Diamond cut).

A must-have for alloy wheel repairers and tire shops.

The ultimate equipment for any repairer with limited or no access to a tyre changer. Perfect solution for Mobile repairers offering onsite repairs. Increase the speed of your repairs by adding a Tyre Bead Breaker



TECHNICAL SPECIFICATIONS

| | |
|--|---------------|
| Working Height | 800 mm |
| Floor Area | 585 x 485 mm |
| Working Pressure | 80 to 120 PSI |
| Weight | 60 kg |
| Connect to clean dry airline with oil lubricator | |



WHEEL SPRAY BOOTH

WM888-1

Dual Wheel Spray Booth

Capable of prepping or spraying two rims simultaneously, the Wheel Spray Booth boosts productivity while maintaining an organized workflow. Its intuitive design ensures smooth operation, enabling technicians to work with precision and ease.

A secure wheel stand holds and rotates the wheel, providing full access to every angle, ensuring thorough and even preparation while effortlessly reaching intricate areas. The open layout allows easy access to the wheels, optimizing the preparation and painting process for a flawless finish.

Modular & Expandable Design

Ergonomic Setup, user-friendly

Dual purpose prep station + spray booth

Wheel Spray Booth Cover

The Wheel Spray Booth can be upgraded with the optional Cover for a fully enclosed, controlled environment. Designed for efficiency, the cover features strong magnetic front curtains for quick setup, easy assembly, and disassembly. This enhances workspace cleanliness, minimizes overspray, and ensures superior painting quality.



| ⊕ CUSTOM ADD-ONS | |
|---|-------------------------------------|
| Spray Booth Cover WM888-cover | High Density LED Lighting |
| Mobile Fan system SM500 | Mobile Filter Unit SM500F |

| TECHNICAL SPECIFICATIONS | |
|---------------------------|-----------------------------|
| Dimensions (LxWxH) | 1800 x 825 x 2000 mm |

UNIVERSAL SPARE WHEEL

ROLL + SPIN

The Universal Spare Wheel offers a unique mobility solution for standard and electric vehicles with frozen brakes or power loss. Easy to use, it bolts onto the vehicle's hub in minutes, enabling the disabled car to be pushed or pulled into a shop or onto a tow truck.

We offer two universal wheels compatible with most 4, 5, and 6 lug vehicles, including AWD, FWD, and RWD. It replaces dollies and two-step spinning hubs, performing exceptionally well on inclines, gravel, and uneven pavement. No extra parts are needed—the Universal Spare Wheel uses factory nuts and bolts.



NO MORE CROWDED LIFTS

Ideal for tire service centers and workshops, especially during peak times when vehicles are frequently held up on lifts. Swiftly attach the universal spare wheel, relocate the vehicle, and free up the lift.



SIMPLIFIED VEHICLE MOBILITY

The WM50 Universal Wheel facilitates rapid relocation or recovery of damaged vehicles, making it an ideal choice for roadside assistance companies, vehicle transfer services, and more.



IMPROVE TURN-AROUND TIMES

the universal spare wheel isn't just a lifeline in the service bay; it's equally indispensable in the paint booth. The Universal Wheel can expedite the setup and paint process and drastically improve turnaround times.

2 IN ONE

ROLL OR SPIN MODES

Effortlessly push or pull vehicles lacking power or stuck in park onto a tow truck, into a service bay, or utilize as a roller for easier workshop mobility.

EV-READY

When in spinner mode, the Universal Spare Wheel, prevents hub movement during de-electrification, eliminating the risk of back charging. Compatible with AWD, FWD, and RWD vehicles.



**BOLTS OUT
SPINNER
WHEEL**

**BOLTS IN
ROLLER
WHEEL**



Strong, durable construction

WHEEL FRAME

Made from nylon.
Almost unbreakable.
Easy to mount.

TPE SUPER GRIP TIRE AND THREAD

Unbreakable - tire molded into frame.
Superior traction and durability.
No rolling resistance from protruding ribs.

WEDGE NUTS

Enables 30 second bolt removal.

Dimension
22"x 2.5"

Max Load
998 kg
2200 lbs
/wheel

Speed Rating
8 km/h
5 mph



Weight
11 kg
23.5 lbs



SPINNER RING

Holds the spinner wheel in place when mounted on the vehicle hub.

10 MM STEEL CENTER

Large brake caliper clearance capabilities.
Capable of handling overtorquing.
No spacers or washers required.

View all wheel types in our easily navigated library with a simple QR Code Scan



| | |
|----------|--|
| Part no. | Universal Wheels |
| WM50-1 | Universal Wheel 4 5 version incl. Spinner function |
| WM50-2 | Universal Wheel 5 6 version incl. Spinner function |
| Part no. | Universal Wheel Accessories |
| WM50-1-1 | Steel Center 4 5 version |
| WM50-2-1 | Steel Center 5 6 version |
| WM50-1-2 | Spinner Ring 4 5 version |
| WM50-2-2 | Spinner Ring 5 6 version |
| WM50-W | Wedgnut 12pcs incl. bolts for 4,5 and 6 bolt version |
| WM50-H | Hub Rings 12pcs 4 5 bolt |
| WM50-C | Big Cart |

RECOMMENDED CONSUMABLES + ACCESSORIES



Diamond Cutting Tip 0.2 for WR-DCM3 (1pc.)

This Diamond cutting tip (0,2) has a sharper tip which, combined with the right settings, results in a finer and more glossy finish compared to the Diamond cutting tip 0,4.

Part no. wm808



Diamond Cutting Tip 0.4 for WR-DCM3 (1pc.)

This Diamond cutting tip (0,4) has a rounder tip which, combined with the right settings, making this tip a good allrounder for different type finishes.

Part no. wm801



Special Laser Tape for WR-DCM3 (10m x 2 pcs.)

When scanning the surface of the wheel you require tape to avoid reflections from the alloy. This is the only Wheel Restore approved tape suitable for measuring the surface of the Diamond cut alloy wheels. This tape has the right structure, thickness and flexibility to cover the area to be scanned.

Part no. wm806



Radius Tool for WR-DCM3 (1pc.)

Many wheels have a rounded edge. Depending on the type and brand of the wheel the Radius tool helps you to select the right radius making sure to cut the edge according to OEM specs.

Part no. wm816

Toolholders for diamond cutting tips for WR-DCM3 Middle/left/right

Toolholder Left Part no. WM803

Toolholder Right Part no. WM804

Toolholder Middle Part no. WM805



Wheel Paint - 3 in 1 Product

This 3-in-1 solution combines primer, base color, and clearcoat into one easy-to-use 2K product. Designed for alloy wheels, it offers a high-gloss, UV-protected finish with minimal preparation. Covers up to 180 grit sanding marks and requires just two coats for a full-color change. Non-isocyanate for improved health and safety, with a durable finish that mimics original powder coating. Spray gun pot life extends up to 8 hours. Available in Gloss Black, Satin Black, and Bright Silver.



Bright Silver - Part no 846



Satin Black - Part no 847



Black - Part no 848



Diamond 2K Clearcoat Package

Clearcoat 1L, Hardener 1L, Thinner 1L and mixing cups. 2-component medium-solid clearcoat based on high-quality acrylic resins with UV resistance and direct adhesion on bare ferrous and non-ferrous metals. The original appearance of the substrate is not changed.

Part no. 845



2K Diamond Cut Clearcoat (400ml)

Fast-drying, brilliant gloss 2K diamond cut clearcoat for the clear-over-base coating with an excellent flow. Highly resistant against all kinds of weathering, as well as chemical and mechanical strain. Pot life: 5-6 h.

Part no. 802

Blasting Powders for the Alloy Wheel Blast Machine (WM700)

Varying from light prep to full paint stripping before Primer, paint, clearcoat application

Blasting Powder, Coarse

20 kg Part no. WM700-1

Blasting Powder, Medium

20 kg Part no. WM700-2

Blasting Powder, Fine

20 kg Part no. WM700-3



OEM COLOR

ALLOY WHEEL PAINT SYSTEM

Revolutionize your alloy wheel painting process with our state-of-the-art OEM Wheel Color Mixing System.

This exceptional wheel paint system boasts a palette of 20 base colors, meticulously formulated to produce a staggering 89 distinct OEM-matched wheel paint colors.

Eliminate color discrepancies and the need to repaint both wheels on the same side for a perfect match. The Wheel Paint Mixing System ensures flawless results every time and comes with our Mixing App, which streamlines the process by providing precise measurements for each mixture and the total amount. The app also includes a comprehensive library of digital and real photos of the resulting colors for easy reference.



Mix 89 Colors from more than 20 OEMS

| Base | Name | Item |
|---------|-----------------------|------|
| Base 01 | Fine Aluminium | WP1 |
| Base 02 | Fine Bright Aluminium | WP2 |
| Base 03 | Medium Aluminium | WP3 |
| Base 04 | Coarse Aluminium | WP4 |
| Base 05 | Chrome Aluminium | WP5 |
| Base 06 | Ultra Fine Aluminium | WP6 |
| Base 07 | Metallic Base | WP7 |
| Base 08 | Flop Control | WP8 |
| Base 09 | Strong Black | WP9 |
| Base 10 | Strong Blue | WP10 |

| Base | Name | Item |
|---------|--------------|------|
| Base 11 | Violet | WP10 |
| Base 12 | Strong White | WP12 |
| Base 13 | Weak White | WP13 |
| Base 14 | Vivid Red | WP14 |
| Base 15 | Clear Red | WP15 |
| Base 16 | Opaque Lemon | WP16 |
| Base 17 | Clear Yellow | WP17 |
| Base 18 | Ochre Yellow | WP18 |
| Base 19 | Weak Blue | WP19 |
| Base 20 | Clear White | WP20 |





The WP Wheel Paint System is available in three convenient product configurations, ensuring there's an option tailored exactly to your needs.

WP300 - Wheel Paint Mixing System

The comprehensive mixing system designed to simplify and streamline your wheel painting process.

WP600 - Wheel Paint Mixing Trolley

The ultimate solution for on-the-go painting, this trolley includes a spray gun and aerosol options, offering flexibility and convenience.

998v2 - Wheel Paint System - Solvent

Specifically formulated for alloy wheels, this system provides impeccable results with solvent-based paints.



Precision mixing

The Color Mixing App: Simplifying Precision while eliminating guesswork and inconsistent results!



Perfect match

All 89 colors you can mix are expertly matched to the factory finish of the OEM wheels.



Fast drying

Experience rapid drying times that not only boost your productivity but also enhance material durability.



less paint usage

The concentrated formulation ensure superior results while accelerating productivity and reducing paint consumption.



Compliant

Aligns with the latest environmental legislation, ensuring that repairs meet all regulatory requirements.

Precisely matched to the specifications of leading vehicle manufacturers

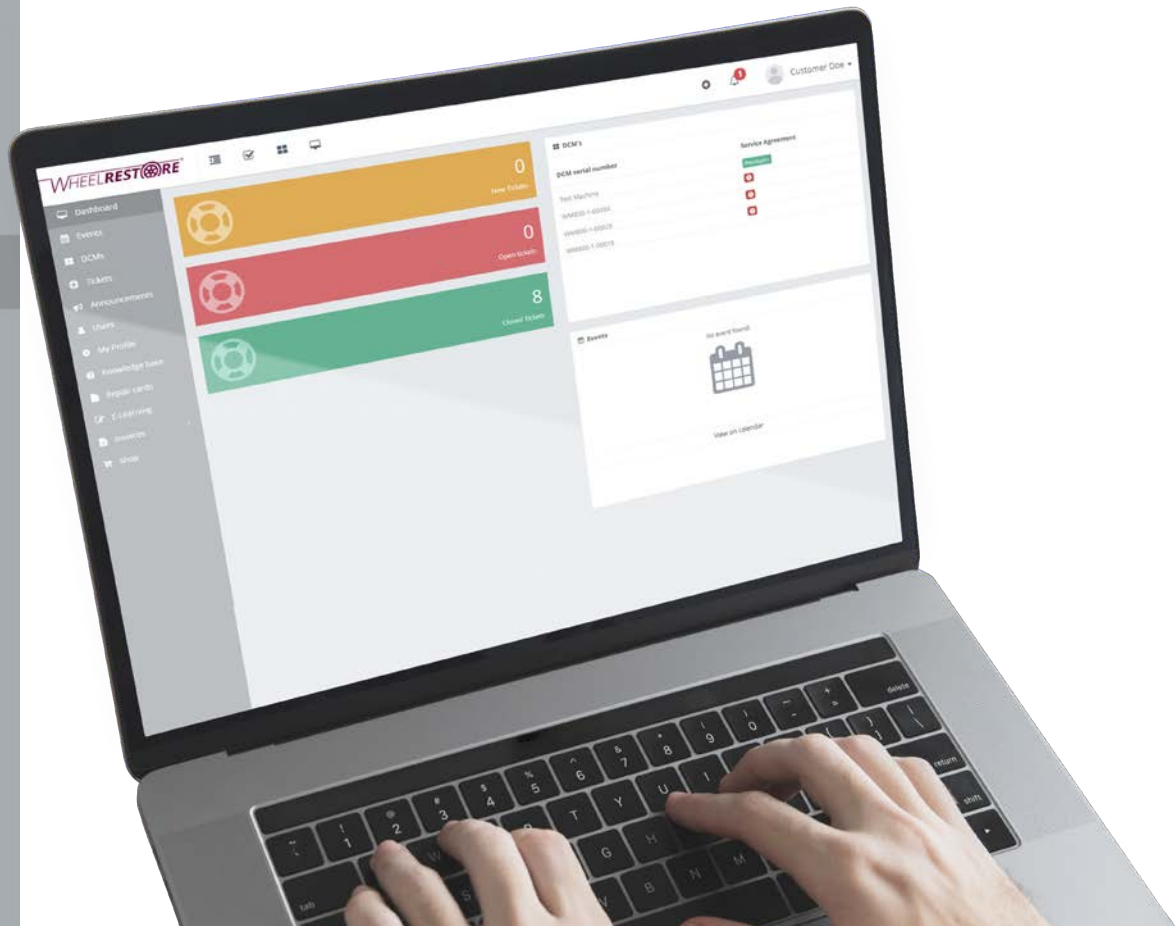


SERVICE AND SUPPORT PORTAL

SAS



- Dashboard
- Events
- DCMs
- Tickets
- Announcements
- Users
- My Profile
- Knowledge base
- Repair cards
- E-Learning
- Invoices
- Shop



The Wheel Restore service and support portal, with user manuals, training videos, repair cards, scheduled updates, and a ticket system for quick support.

From quick to complex questions, our online support platform helps you resolve issues and avoid unnecessary downtime.

APP



Download on the
App Store



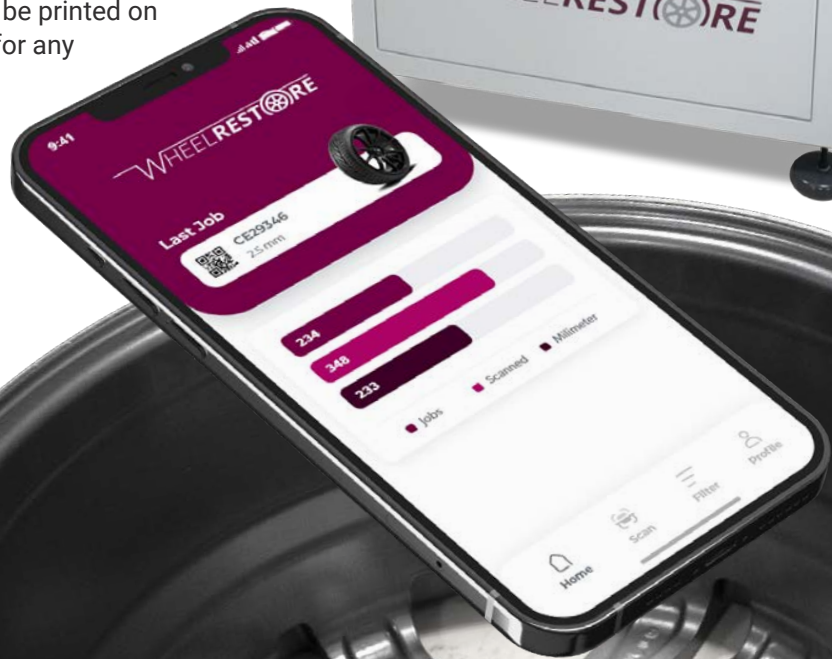
ANDROID APP ON
Google play

With the Wheel Restore app, you can easily document each repair process on the Diamond Cut Repair Machine.

After each rim, the machine generates a unique QR code, that when scanned with the Wheel Restore App will save all key information.

How much material has been removed, when was it carried out, and by whom? This can be printed on a label and applied to the rim itself for any

- ✓ Send the wheel repair details by email
- ✓ Print the repair details on a sticker to apply on rim
- ✓ Store the data for quick retrieval and reference



CE29346
0.34 mm

Scan the QR code and try it out



MOBILE ALLOY WHEEL REPAIR

Building a mobile

The Wheel Restore range has been designed with versatility in mind. Custom-designed to seamlessly integrate into both traditional workshops and mobile setups, its compact yet robust design enables effortless installation in the rear of a van, truck or trailer, making it an integral part of any mobile repair service.

Optimal for van or cargo trailer setups.



WHEELRESTORE®

Wheel Restore Company ApS
Hobrovej 963, DK9530 Stoevring, Denmark

Video Demos of the Diamond
Cutter, Blaster, Straightener
available at wheelrestore.com

