

WHEELRESTORE

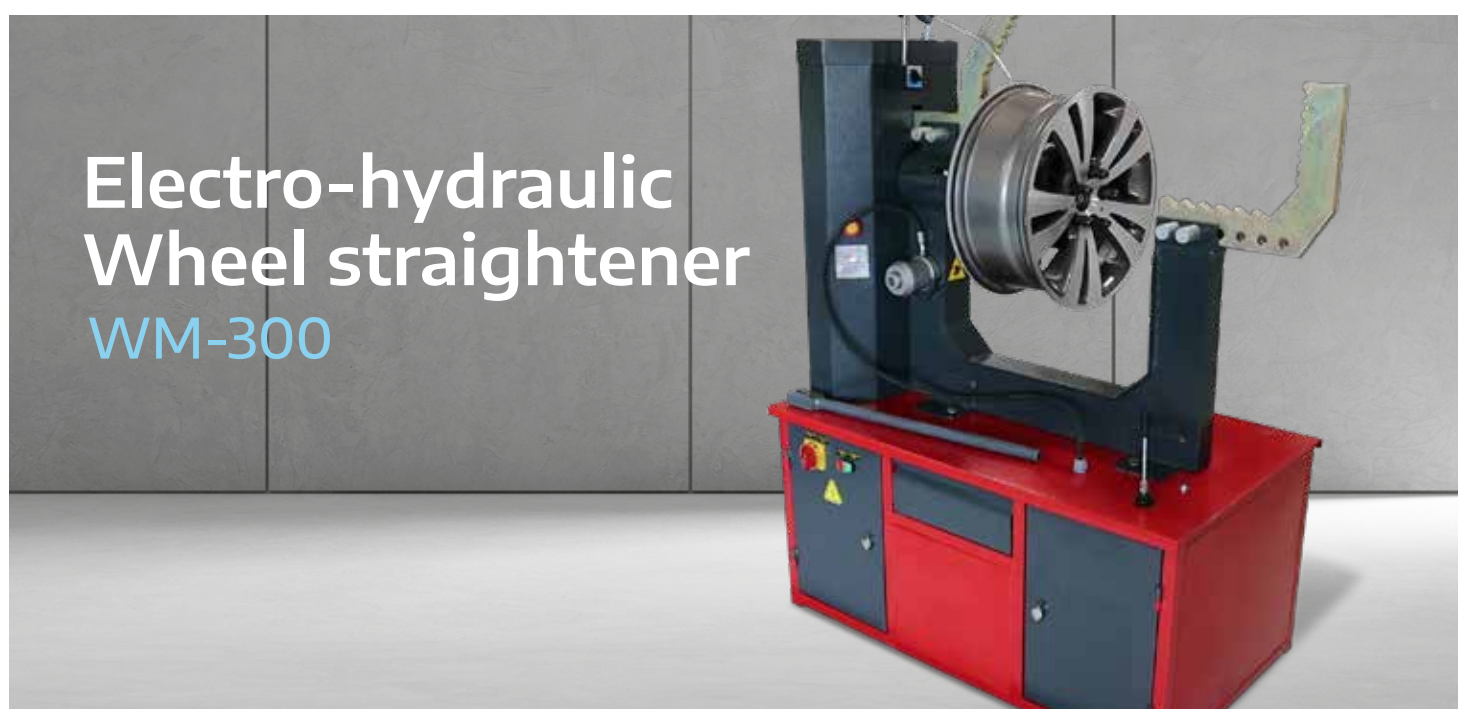
Alloy Wheel Repair Equipment



wheelrestore.com

Complete Alloy Wheel Repair Equipment Range

WHEEL RESTORE





360° Wheel Restoration Equipment

WHEEL RESTORE



Alloy Wheel Blast cabinet

WM-700



Wheel Preparation and Spray Bays

Accessories

Diamond Cut Wheel Machine

WR-DCM3



Repairs alloys without having to remove the tyre

Laser Probing System

Faster, more precise wheel shape analysis

1



2



3



The Smarter Way To Restore Diamond Cut Alloys

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

- » Restores diamond cut wheels up to 30"
- » Touch screen display
- » Step by step software
- » Automated LASER probe system
- » With or without tyre
- » Safety operating door
- » Training & technical support
- » eSim Connection
- » CE compliant



Before // After

Diamond Cut Wheel Machine

The Brain of WR-DCM3 is a tailor-made piece of software; 100% designed and engineered in Denmark.

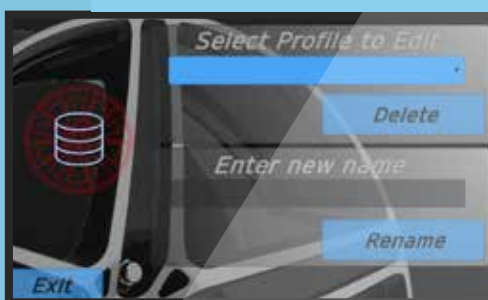


The software is visualized with clear icons to ensure the machine is always safe and extremely easy to operate. The software is developed to repair wheels, that's it!



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

Simple to follow guided repair steps >>>





**Purpose-built for
wheel restoration,
Nothing else!**

**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 CNC lathe machines while being much faster and a lot smaller. Leaving you with better turnaround time and more workshop space.

Compact Design

The WR-DCM3 is custom designed for alloy repair. Equivalent machines are often converted CNC lathes with basic and often complicated user software. Whereas the WR-DCM3 is light enough to be installed in the back of a van or a truck.



Diamond Cut Wheel Machine

WR-DCM3



Light enough to be installed
in the back of a van



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



Operates with or
without tyre



Machine is movable with
a standard pallet jack.



Faster operation.
15 min. per wheel



Laser Probing System for a more **ACCURATE**
and a much **FASTER** wheel shape analysis.



Ultra-quiet operation.
Low noise level

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

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

Electronic components by Schneider Electric



Technical Specifications

X axis travel	655 mm	Power Supply	230 / 110V 16Amps
Z axis travel	350 mm	Dimensions (H×W×L)	1900 x 1190 x 1090 mm
Max wheel diameter	30"	Packing Size (H×W×L)	1500 x 1200 x 1900 mm
Max. process diameter wheel	815 mm	Weight	450 kg

Alloy Wheel Blast Cabinet & Filtration +Dust Collector

WM-700

Automatic
Cartridge
Cleaning

Inspection
area w/ safety
micro switch

Polyester
Filter
Cartridge

Rolling
Dust
Drawer

Control Panel

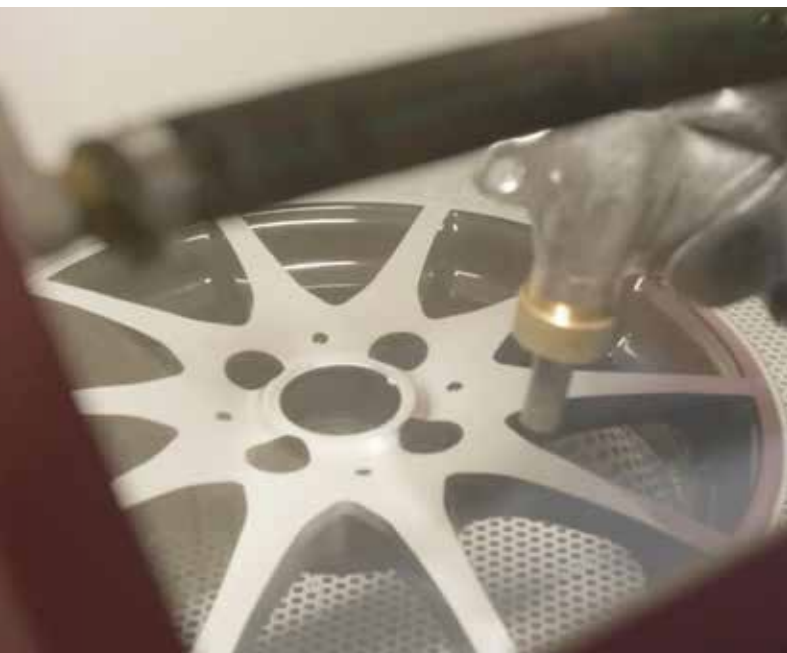
Neoprene
Gloves

Pressure
Regulator

Ergonomical
Operating
Pedal

The heavy duty all steel blast cabinet affords excellent visibility of the wheel and the area being etched. Bright internal lighting delivers even illumination without shadows. Optimum visibility is maintained inside the cabinet by a highly efficient dust collector constantly removing media dust and fine particles.

The bead blasting process produces an even finish with easy sweeps across the wheel surface and, unlike traditional disc sanders, it allows both easy penetration of the blast media stream between the spokes and also very precise localised etching if required. It also provides a fast and even light etching to remove only the chipped lacquer on virtually new wheels, whilst being capable of etching right back to bare metal if required.

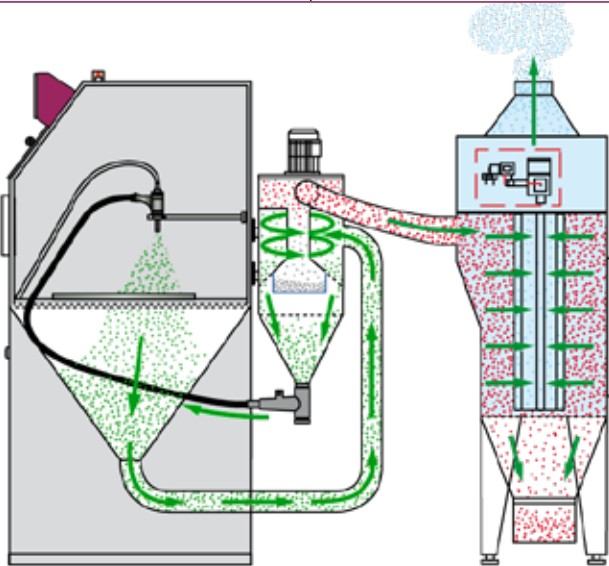


The Alloy Wheel Blast cabinet is complete with cyclone for dust selection and exhaust-fan,

air treatment with dehumidifier filter, pressure regulator and manometer, pneumatic foot-pedal with stepper and all the accessories for use. Fully CE certified.

Alloy Wheel Blast Filtration + Dust Collector.

Filtration system equipped with polyester filter cartridge (Filtering Surface mq.3) with a pressure switch for the monitoring of changes of pressure and detection of clogging of the filter. The automatic cartridge cleaning function, obtained with a timed powerful compressed air jet, and the slowdown dust pre-chamber, guarantees high functionality and filtration efficiency.

Alloy Wheel Blast Cabinet	
Cabinet Dimensions (H×W×L)	750×1100×850mm
External Dimensions (H×W×L)	1800×1150×1300mm
Rotating Table	Ø mm 700
Motor-Driven Exhaust Fan	0.75 HP
Compressed Air Consumption	780 lt/1' - 6 atm
Power Supply	220-380 V 3-Phase 50 Hz
	
Alloy Wheel Blast Filtration - Dust Collector	
External Dimensions (H×W×L)	1890×620×640mm
Filtering surface	3 m ²
Cartridge	1 Polyester

Electro-hydraulic Wheel straightener and Press Machine

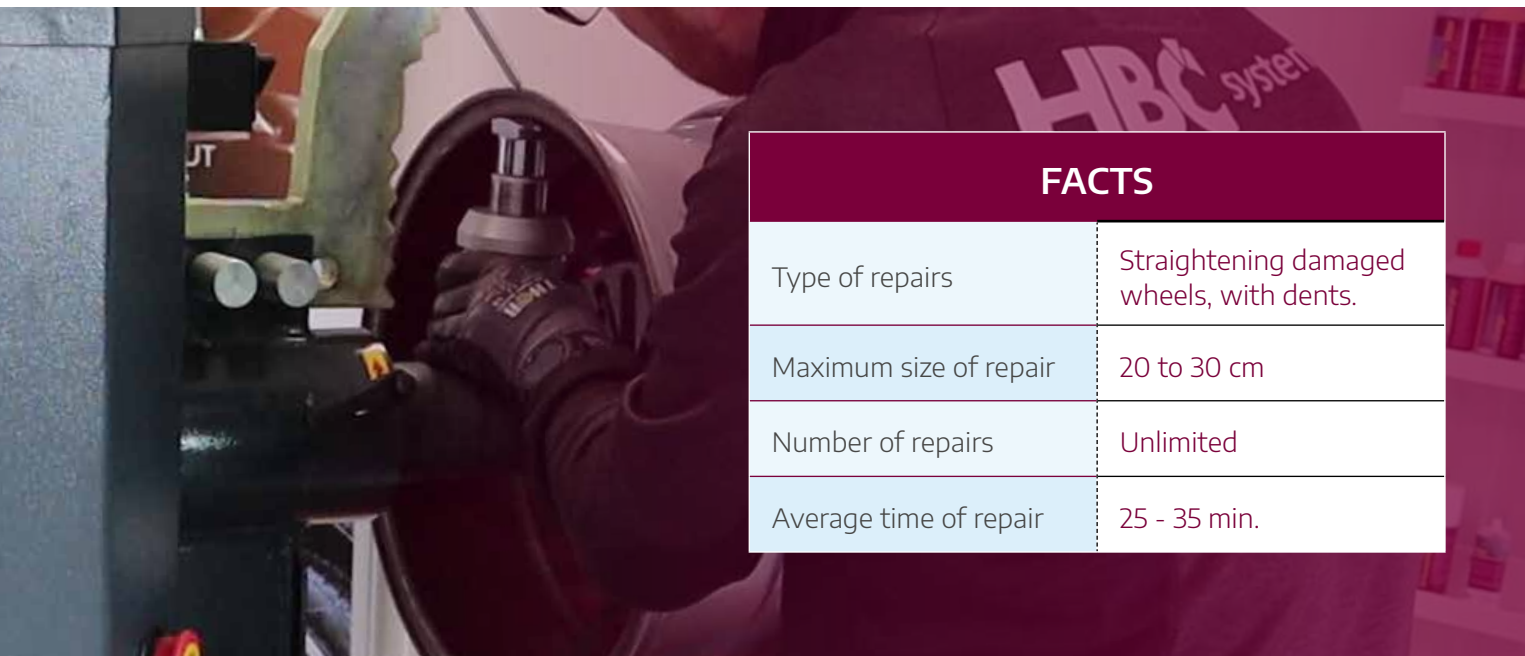
WM-300



Due to the generally poor road surfaces and potholes many cars on the road suffer from warped wheels that are easily repaired with the WM300 Wheel Straightener.

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





FACTS	
Type of repairs	Straightening damaged wheels, with dents.
Maximum size of repair	20 to 30 cm
Number of repairs	Unlimited
Average time of repair	25 - 35 min.

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. High demand for repairs > FAST ROI.



Technical Specifications			
Maximum Rim Diameter	10" - 26"	Axle Engine Power	100hp/100 dc./dk 0,75 kw
Maximum Rim Width	12"	Working Pressure	0-250 bar (Standard 150 bar)
Hydraulic Power	0,757 kw. 380x50 hz. 3 Phase (Also available in 220V)	Packing Size (L x W x H)	800 x 1200 x 1650 mm
		Weight	325 kg

Wheel Prep and Spray Bays



Produced in premium quality!

The Prep Bay is made in 40 x 40 x 2.5 mm. aluminium profiles with rounded corners. 4 mounted rolling wheels, makes it an extremely flexible workstation.



Light weight

The Wheel Prep Bay is made out of aluminium profiles, that means that it is extremely durable and lightweight. This results, in the easy movability around the workshop, even when wheels are in the Wheel Prep Bay.



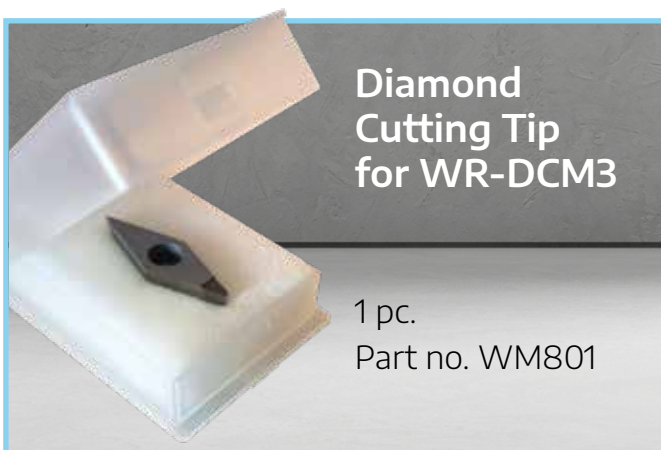
Wheel Prep Bay is designed and manufactured for 2 wheels to be prepped or sprayed at the same time, and additionally, 2 wheels can be stored below the bay. Available as open or enclosed versions.

Easy wheel spin

The Wheel Prep Bay includes rollers under each bay, that allows the wheel to spin with near to no force.



Recommended Accessories and consumables



**Diamond
Cutting Tip
for WR-DCM3**

1 pc.
Part no. WM801



**Special
Tape
for WR-DCM3**

10m / 2 pcs.
Part no. WM806



**2K Diamond
Cut Clearcoat**

Aerosol, 400 ml
Part no. 802



**Alloy Wheel
Protection
Package**

Cleaner+Coat
Part no. 572



**Diamond Clearcoat Package
(Clearcoat 1L, Hardener 0,5L
and Thinner 0,5L)**

Part no. 840P



Finance your WR-DCM3 with **FSG** and receive the service plan* for free.

€733/MO.

* Full details on included services available at **fsg-finance.com**

FSG require a three month down payment within a 48-month rental agreement. After the 48-month agreement expire we will provide a buy-back or a renewal option. Return, refresh, or purchase which ever option fits your need.

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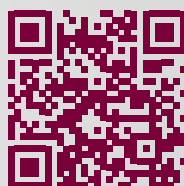
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WHEELRESTORE®

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



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