DIAMOND CUT WHEEL MACHINE
WR-DCM3

capable of repairing alloys without removing the tyre

Faster, more precise wheel shape analysis

LASER PROBING SYSTEM

1

2

3

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

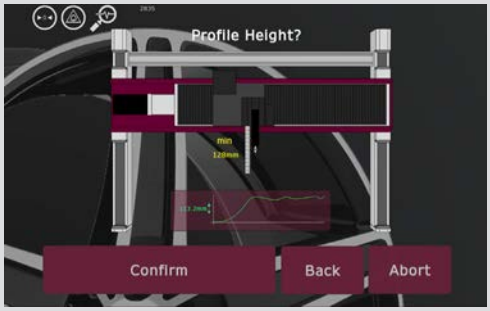
Provides an overview of the machine. Checking that all sensors, laser, buttons, and software work as they should. This also helps in better support and troubleshooting.

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.



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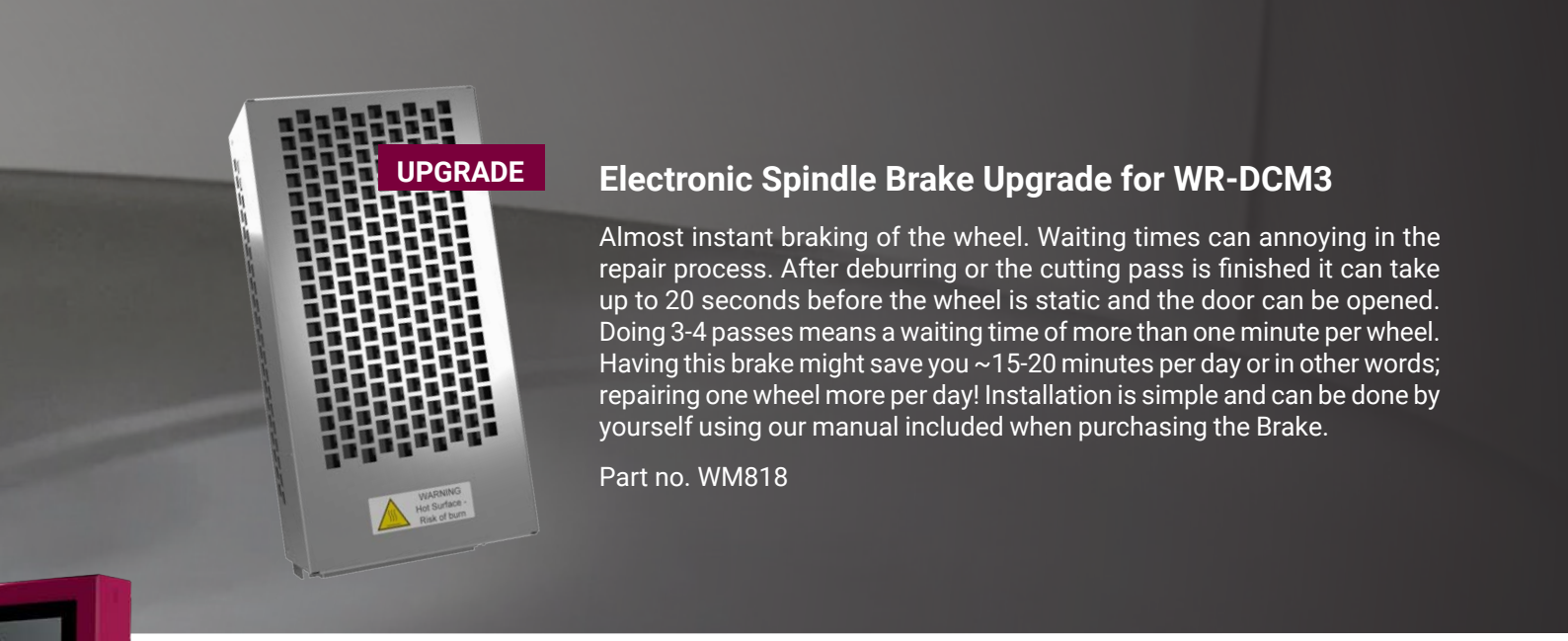
WR-DCM3

- 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

DESIGNED AND MANUFACTURED IN **DENMARK**

Electronic components supplied by Schneider Electric



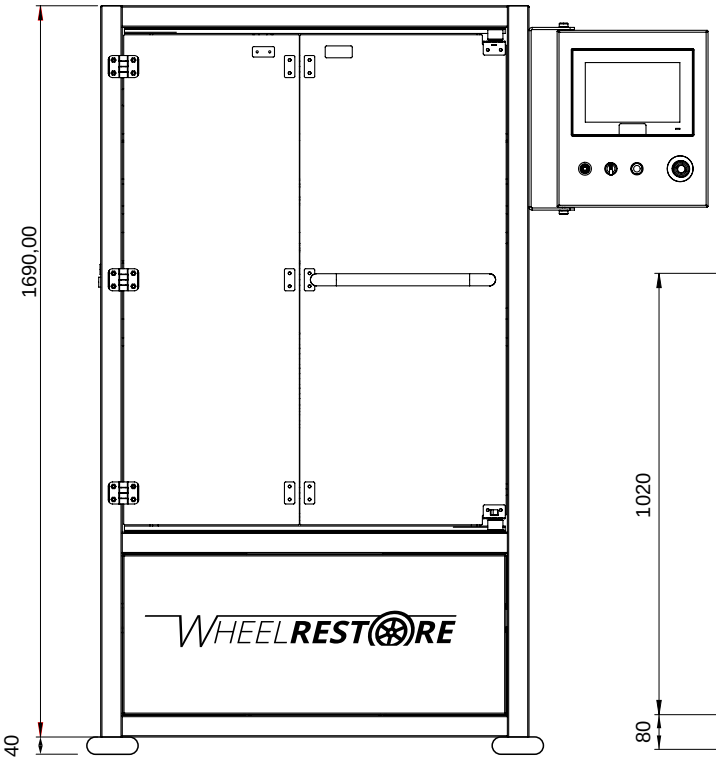
Electronic Spindle Brake Upgrade for WR-DCM3

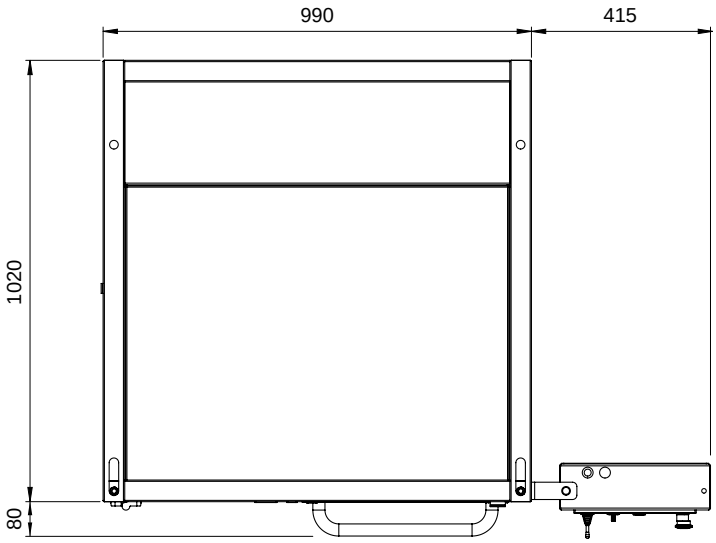
Almost instant braking of the wheel. Waiting times can annoying in the repair process. After deburring or the cutting pass is finished it can take up to 20 seconds before the wheel is static and the door can be opened. Doing 3-4 passes means a waiting time of more than one minute per wheel. Having this 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**	