

WHEELWORKER

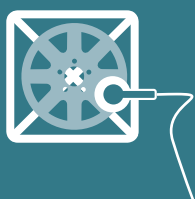
**Ergonomic workstation for
efficient (alloy) wheel refurbishment**

Grinding, cleaning and masking made easy.



**Diamond cut alloy wheels
refurbished
in 45 mins
including painting***

*on average, in combination with WheelDoctor,
WheelBlower, WheelWorker, WheelPainter,
WheelWasher



WHEELWORKER

ALL WORK PROCESSES AT A SINGLE WORKSTATION



Everyone who works with paint preparation of wheels/alloys knows: spinning heavy alloys with tyres on the workbench to cover all areas alone is hard work. Due to the heavy weight of tyres and the constant spinning, it's not just felt in the arms, but more importantly in the back. Pain and lumbago are inevitable.

It's made easier with the new WheelWorker from CARTEC Autotechnik Fuchs GmbH. The ergonomic workstation is the ideal complement within the Wheel Master System for the TÜV-certified (a technical inspection association) WheelDoctor process for professional alloy wheel refurbishment. All work processes at a single workstation. Both time-saving grinding of the powder coating on diamond cut wheels and simple masking, covering and cleaning of the (alloy) wheels prior to painting. This not only results in quicker and more efficient work processes, but also means sparing labour and health of the mechanics through the use of this ergonomic and flexible workstation.

The WheelWorker makes handling all work processes necessary for the refurbishment of wheel rims possible at a single workstation. In addition, the station is ideally matched to the ergonomics, requirements and tasks of the mechanic. Be that in the form of back-friendly standing or individual work area adjustments for the left and right-handed.

Exhausting wheel heaving is no more, as the wheel is moved solely via a tiltable metal cross and reels. What's more is, you'll find all work tools – including the unique mini-grinding machine – and equipment within arm's reach.

You can read about which stations the WheelWorker is split into and what advantages each station has to offer in the following detailed description.

// GRINDING WORK AREA

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MODULE 1

WHEELWORKER GRINDING STATION

The wheel to be ground is placed on a metal cross with 4 reels mounted on ball bearings. Both the support reels are height-adjustable to 7 heights depending on the size on the wheel and mechanic. The metal cross can also be inclined in 5 stages. It is much easier to handle when diagonal. With minimal effort the wheel is put into the best position for working. Job done!



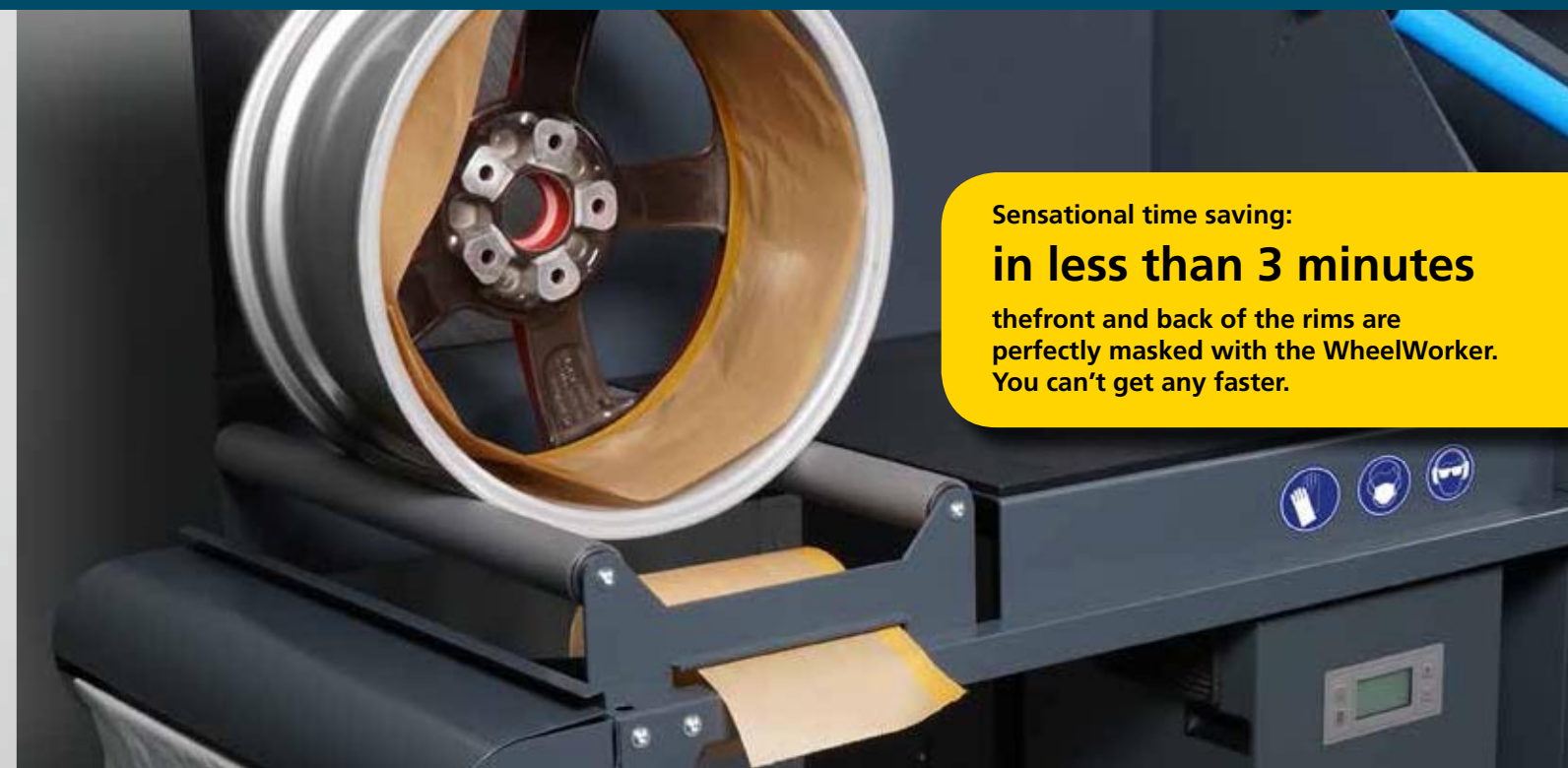
// CLEANING/MASKING WORK AREA

2

MODULE 2

WHEELWORKER WHEEL CLEANING AND MASKING STATION

It is only the WheelWorker that makes fast and simple cleaning and masking or covering of wheels prior to painting possible at all. Everything is wonderfully ergonomic and time-saving and is right at your fingertips.



Sensational time saving:

in less than 3 minutes

the front and back of the rims are perfectly masked with the WheelWorker. You can't get any faster.

WHEELWORKER SET-UP



Boxes
All sanding paper and cleaning materials are ready to use in boxes at arm's length.

MODULE 1.1

WHEELWORKER EXTRACTION WW 650 ATEX-TESTED

The WheelWorker extraction WW650, an ATEX-tested aluminium dust extraction system, ensures clean air at the workstation. Combined – Plug and Play. Grinding dust from grinding of the wheels is immediately removed. That not only ensures clean air, but also the necessary health and safety protection.



MODULE 1.2

WHEELWORKER EXTRACTION MG 75 MINI ECCENTRIC GRINDING MACHINE

Grinding powder coatings from diamond cut alloy wheels using a conventional grinding machine is very difficult and time-consuming. With too high of a rotation speed the powder gets too hot and smears. With too much pressure the grinding disk doesn't move.

Tyre masking made easy

The wheel is placed on the ball bearing reels by the mechanic. Within easy reach directly under the reels there is masking paper and tape. The paper-tearing device is integrated. Wheels are masked inside quickly and effortlessly in max. 40 seconds through a quick paper extraction and simple spinning of the wheel.

Protective matting and painting foil dispenser box

The WheelWorker protective matting and painting foil ML 80 is protected against dust in the dispenser box and ready to use with easy extraction from the slit. The protective foil is simply pulled between tyres and rims. Just like that the front of the wheel is perfectly covered in just 20 seconds.

Protected by a utility model



With the new mini eccentric grinding machine MG 75 everything is made quicker and more efficient. Thanks to a built-in planetary gear the machine develops an impressive torque and can therefore be used with a low rotation speed.

The high torque prevents the disc from standing still and prevents powder coating from smearing. It's quiet operating noise and light weight makes it really easy to use. It's never been possible to quickly and efficiently grind away coated on powder from alloy wheels.



Furthermore, the WheelWorker extraction WW 650 ATEX-tested and the WheelWorker mini eccentric grinding machine MG 75 fulfil all ATEX requirements required for aluminium grinding dust due to the possible risk of explosion.





Technical Data:

WheelWorker

Dimensions (H x W x D):
1475 mm / 2200 mm / 750 mm
Wheel dimension: 14 to 24 inches
Weight: 190 kg

Pneumatic mini gear eccentric sander MG 75

Revolution speed: adjustable 0-1800 rpm
Plate dimension: 72 mm
Weight: 700 gram

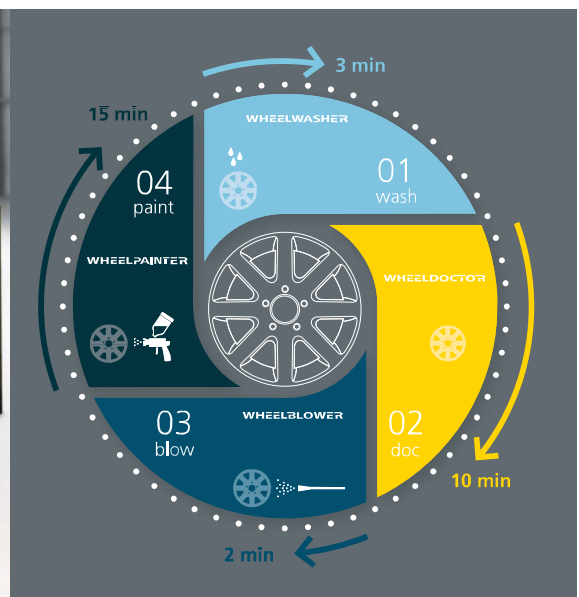
WheelWorker dust extraction system WW 650

ATEX-EX II/2/DC III 100
Filter cartridge antistatic
Plus 2, F7 filter level
Air volume flow, free blowing: 500 m³
Voltage: 230 V
Frequency 50/60 Hz
Sound level: 63 db(A)
Dimensions (H x W x D):
730 mm / 750 mm / 350 mm



WHEEL MASTER SYSTEM

LESS TIME, BETTER RESULTS: PROFESSIONAL WHEEL SOLUTIONS
WITH THE WHEEL MASTER SYSTEM



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