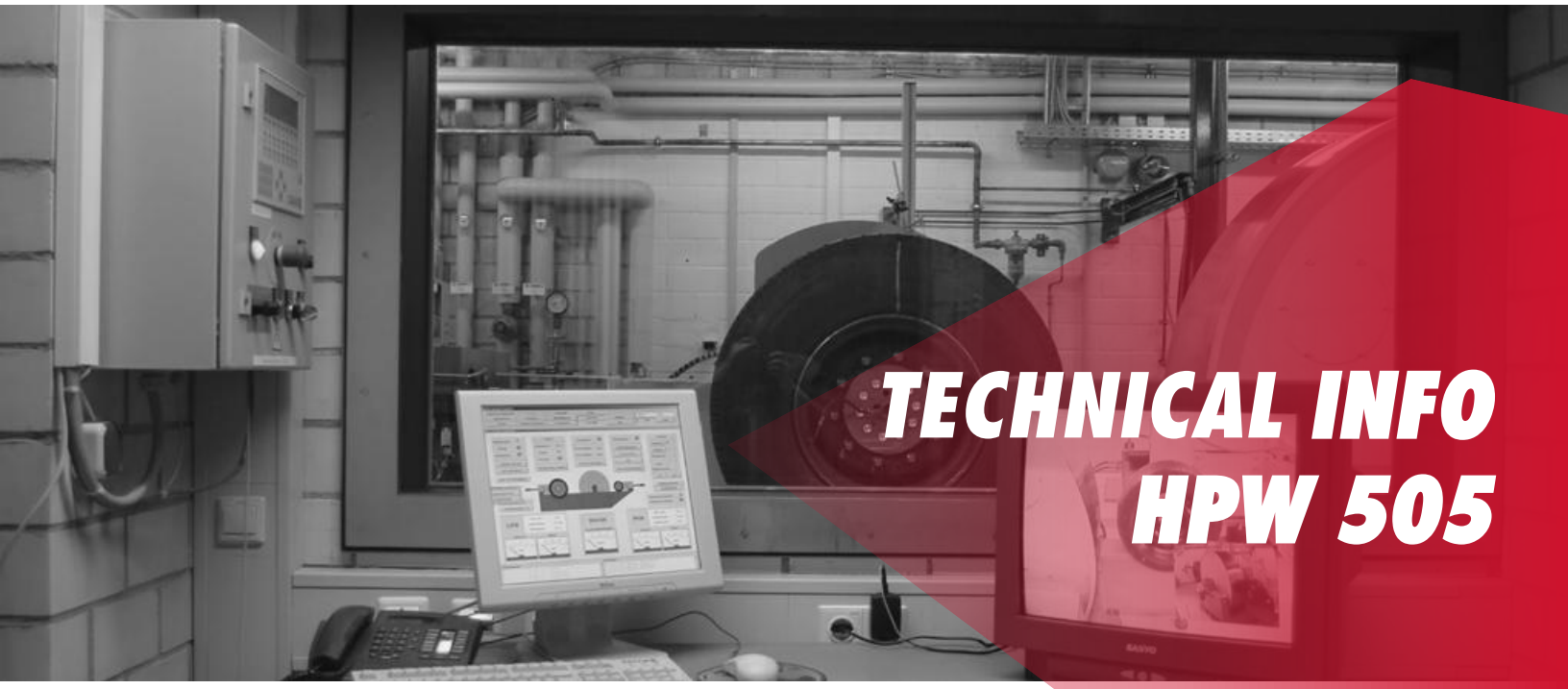
HOFMANN®
POWER WEIGHT



TECHNICAL INFO HPW 505

THOROUGHLY TESTED, TO GO THE EXTRA MILE

As the market leader in wheel balancing products, we are proud to offer a premium solution for in-tire balancing, that is not only safe but also provides additional benefits with its unique packaging and marketing concept paired with a strong brand.

After rigorous selection of materials, intensive laboratory and field testing, we are able to offer a proven solution, designed to perform.

HOFMANN POWER WEIGHT 505

BALANCING COMPOUND

- Will not damage the tire or inner tire liner
- Will not influence retreadability
- Is TPMS safe





MATERIAL & TESTING

CAREFULLY SELECTED MATERIALS

Our balancing compound is the result of extensive testing and research on materials as well as tire and field testing to create a carefully balanced material, durable yet gentle to the tire.

To guarantee performance, HOFMANN POWER WEIGHT 505 balancing compound consists of a carefully selected mineral compound. It combines properties like being relatively inert to environmental influences and offering high density as well as excellent heat resistance.



In the production process a special coating is applied to each particle. This coating creates a smooth, non abrasive yet durable surface that protects the tire and inner liner and increases flowability of the material.

FUSION TECHNOLOGY

Immediately catching the eye is the mix of two different materials, we call this FUSION TECHNOLOGY.

WITH ADVANCED FUSION TECHNOLOGY BY HOFMANN POWER WEIGHT

The two colored materials are kernels in different sizes. This mix of product increases flowability of the material and allows the material to distribute easier within the tire, while maintaining a relatively high density. This allows for optimal vibration dampening of static and dynamic imbalance.

TESTED TO TIRE STANDARDS

Together with our developing partners at several technical institutes and universities specialized in material science and tire development, we have put our material to the test. According to international tire standards our material ran inside truck tires through several endurance tests as well as acceleration and breaking test cycles.

The post testing evaluation showed:

- No change of the compound
- No damages on tire or liner
- TPMS sensors undamaged

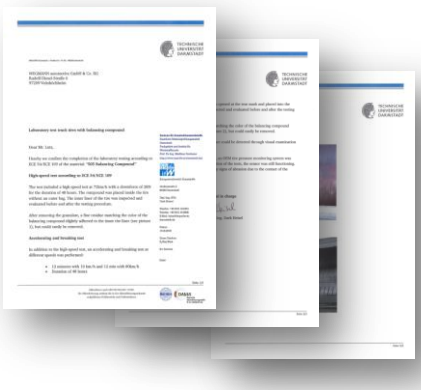


PROVEN IN THE FIELD

Together with our developing partners we are constantly running endurance tests in multiple large fleets, with multiple use characteristics, from long haul trucks and long distance bus lines to inner city transportation. Every test vehicle is monitored and regularly evaluated by our developing partners.



With several 100.000 km on the clock, the Hofmann balancing compound has already proven its performance and reliability in the field.



Tested by TU Darmstadt according to ECE 54/ECE 109

THE HOFMANN ADVANTAGE



FULL PRODUCT PROGRAM FROM THE MARKET LEADER

As the market leader in wheel balancing, we are proud to also offer a premium solution for vibration dampening through in-tire compounds. We are the only manufacturer in North America offering a full spectrum of heavy-duty knock-on and adhesive weights as well as vibration dampening products for in-tire use.



HPW 505 COMPOUND



PLASTIC MIX – COMPETITOR PRODUCT

A STRONG BRAND

Our premium product and packaging is paired with a strong brand. HOFMANN POWER WEIGHT is known as the most important supplier for wheel weights to vehicle manufacturers worldwide.

GARAGE OPTIMIZED PACKAGING

The unique dispensing box, with its small footprint can easily be stored close to the balancer, no walking back to get product from the shelf. Bags can be dispensed from the front, while it opens from the top with a reclosable and removable lid.

SMALLER BOX QUANTITES

With 8-16 bags per master box, a fourth of what competitors pack into master boxes, inventory can be managed more easily , binding less capital. The lower cost per box makes the product attractive even for shops without HD specialization.

ATTRACTIVE PRODUCT DESIGN

Premium product with its unique two color design, paired with a high quality print and red and white HOFMANN POWERWEIGHT visual on boxes and bags maximize brand recognition and facilitate repeat business.

ALL-IN-ONE BAG

Each bag contains everything you need for your job, each has a filtered valve core and valve cap sealed into a separate compartment at the top.



EASY TO OPEN

Our perforated paper bags are easy to tear and incorporate a funnel-like opening to minimize spills. The single paper bag design reduces waste and is easy to recycle compared to competitors double plastic bag packaging.

INSTRUCTIONS ON EVERY BAG

Independent from language barriers, instructions on every bag in the form of pictograms show how the balancing compound is applied.



HIGH QUALITY COMPONENTS

Valve cap and filtered valve core provided in the bag are high quality components with red high temperature resistant seals. Each valve cap is marked with a clear logo, indicating the use of balancing compound in the tire.