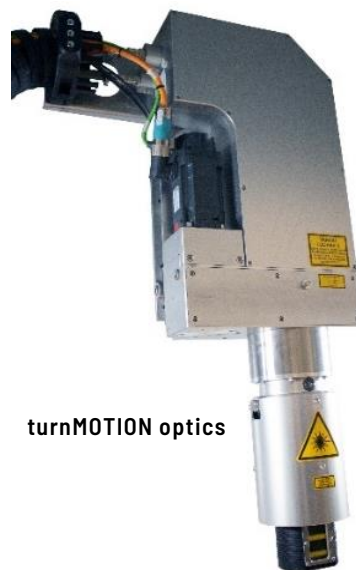


tireCLEANER - Inner Tire Cleaning

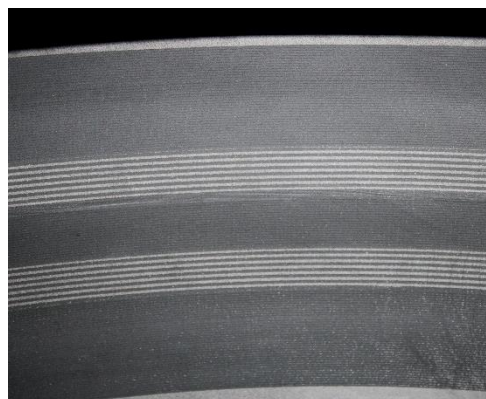


In addition to tire mold cleaning, cleanLASER also offers automated inner tire cleaning as preparation for bonding and coating processes. Thereby, especially release agents or comparable contaminations can be removed precisely, gently and residue-free.

- Cleaning of the inner running surface with up to 120 cm²/s @ CL 600
- Cleaning as bonding pretreatment for various sensors or foam inserts for noise reduction
- Processing by fast rotating laser beam using low-maintenance turnMOTION optics
- Processing of tire sizes between 14" and 22" possible without setup effort



turnMOTION optics



Partially treated inner side of a tire running surface with turnMOTION optics

SPECIAL FEATURES

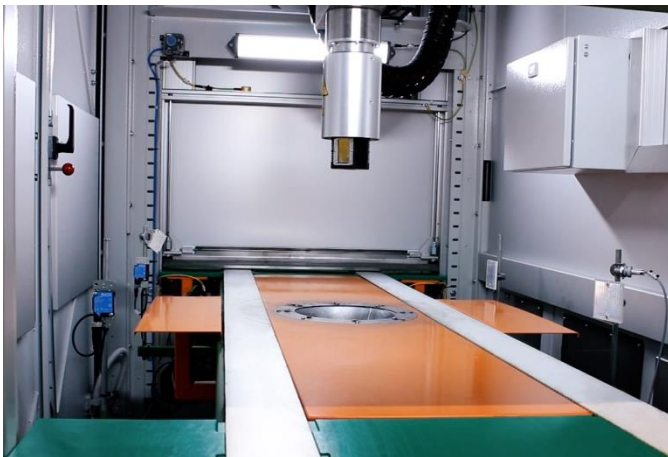
- Highly efficient process
- Damage-, wear- and residue-free
- No blasting or cleaning media
- Adapted suction technology for effective particle capture
- Environmentally friendly process, awarded the German Environmental Prize
- Own laser production and mechanical engineering
- Qualified consulting also far beyond implementation

tireCLEANER: COMPACT TURN-KEY SOLUTION FOR YOUR INNER TIRE CLEANING

- System type:
cleanCELL 3220
- Modular system allows customer-specific adaptations (e.g., conveyor technology)
- Stand-alone or in interlinked operation
- Optional add-ons for centering and spreading of the tire possible
- Integrated and adapted suction technology (also with fire protection and fire extinguishing features)
- Camera system for process visualization/documentation
- High technical availability (> 98 %)
- Designed for 24/7 operation



tireCLEANER: cleanCELL 3220 with conveyor belt extension for integration into an interlinked operation



tireCLEANER: Processing area with turnMOTION optics and conveyor technology

COST-BENEFIT: ECONOMIC EFFICIENCY

Example calculation

- Operating costs
cleanCELL 3220 with CL 600 and suction
< approx. 7,00 €/h
- Cost per unit:
Three-shift-operation
< approx. 0,10 €/tire

2022.09 Subject to technical changes.

PLEASE CONTACT US - WE ARE HAPPY TO ADVISE!

 **cleanLASER**
cleaning with light