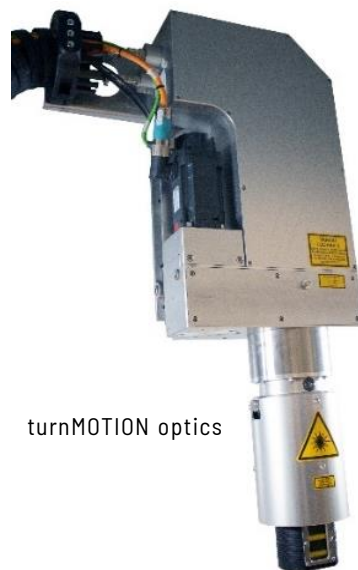


## tireCLEANER - Inner Tire Cleaning

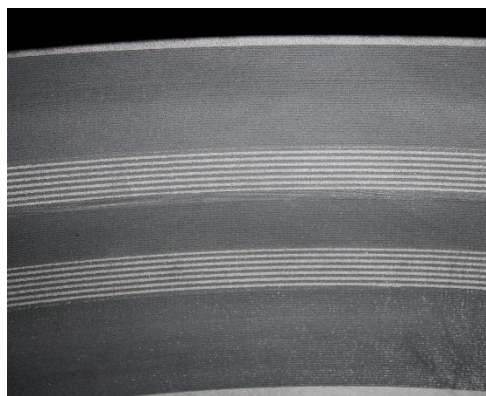


In addition to tire mold cleaning, IPG | cleanLASER also offers automated inner tire cleaning as preparation for bonding and coating processes. Thereby, especially release agents or comparable contaminations can be removed precisely, gently and residue-free.

- **Cleaning of the inner running surface with up to 120 cm<sup>2</sup>/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: Processing area with turnMOTION optics and conveyor technology

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

### 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

01.2025 Subject to technical changes

PLEASE CONTACT US - WE ARE HAPPY TO ADVISE!

