nTire – AI-Supported DOT Code Recognition

Fully automated DOT/TIN code recognition on tires and wheel assemblies

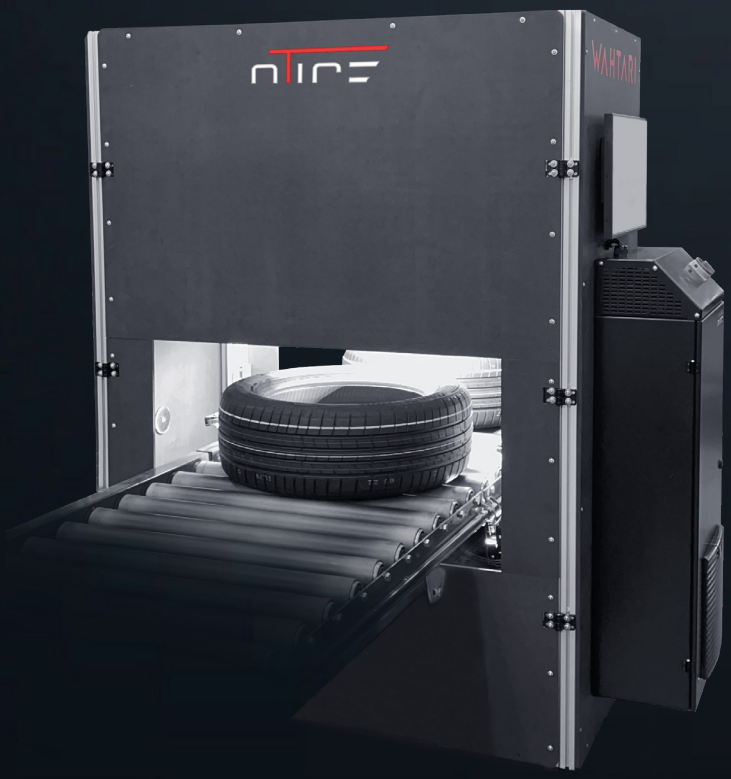
Highlights

DOT-, TIN- and DOM-Codes
AI-supported recognition of tire markings

Rim Control
Check the rim position and orientation

High-Performance Hardware
Real time detection at high production speeds

Cutting-Edge AI Software
No cloud connection required for fast and secure data processing



DOT-, TIN- and DOM-Codes



Key Features

All-in-one Device
Single source soft- & hardware, simple & seamless integration, even in existing system concepts

Inspection from Both Sides
DOT scanner (TIN & DOM) at the top and bottom; no turning necessary

100% Coverage
Seamless inspection and secure DOT code traceability

Cycle Time/Speed
Per Tire: < 7 s
Speed from: 0.3 m/s – 0.8 m/s

Contactless Measurement
No damage or impact to the tire

Ready for Use 24/7
Consistently operational system

Seamless Connectivity
PROFIBUS, TCP/IP

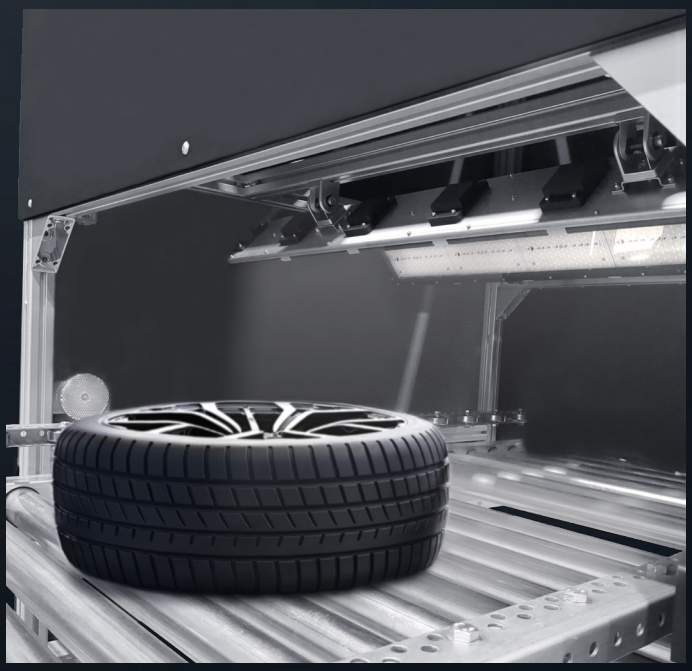
Made in Germany
Engineered and manufactured in Munich

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nTire EOL – End-of-Line Tire Inspection

Fully automated tire testing system for tire-rim assemblies



Highlights

End-of-Line Inspection
Optical inspection of tire and rim for dimensional accuracy and fit compliance

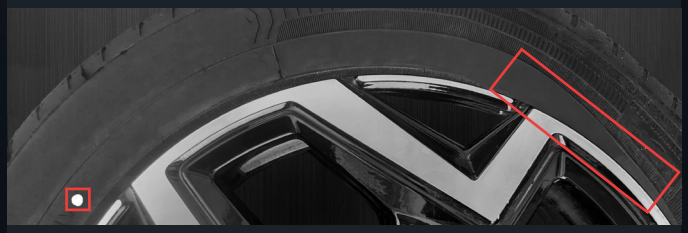
DOT-, TIN- and DOM-Codes
AI-supported recognition of tire markings

Surface Quality Inspection
Process reliable detection of surface defects

High-Performance Hardware
Real time detection at high production speeds

Cutting-Edge AI Software
No cloud connection required for fast and secure data processing

End-of-Line



Tire measurement as well as match point, valve, and runout inspection

Anomaly Detection



Check for surface and shape deviations, scratches, paint defects and dents

Key Features

All-in-one Device
Single source soft- & hardware, simple & seamless integration, even in existing system concepts

Inspection from Both Sides
DOT scanner (TIN & DOM) top and bottom; no turning necessary

100% Coverage
Seamless inspection of all tire identification values

Cycle Time/Speed
Per Tire: < 7 s
Speed from: 0.3 m/s – 0.8 m/s

Contactless Measurement
No damage or impact to the tire

Ready for Use 24/7
Consistently operational system

Seamless Connectivity
PROFIBUS, TCP/IP

Made in Germany
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