![nTire powered by WAHTARI]

nTire – AI-Supported DOT Code Recognition

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

Highlights

OCR-Technology
AI-supported recognition of tire markings (DOT, TIN and DOM codes)

High-Performance Hardware
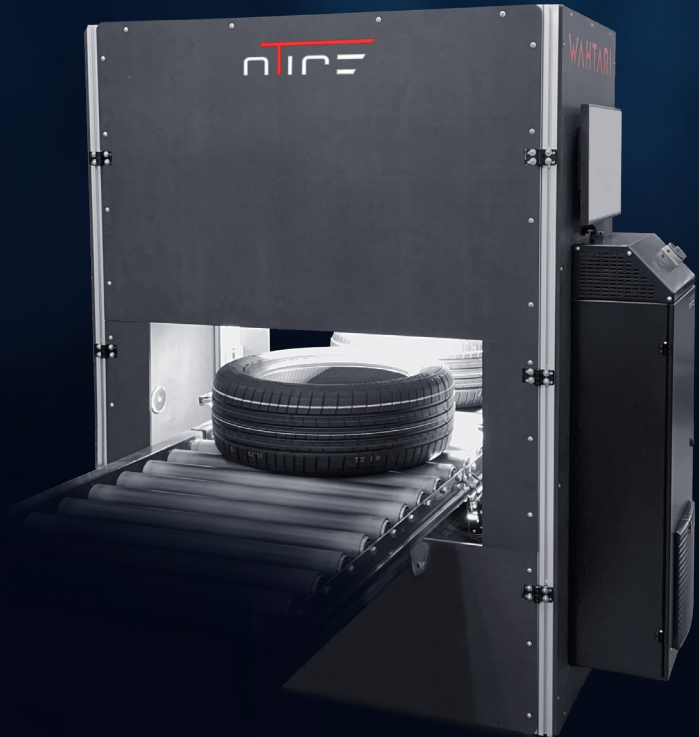Real time detection at high production speeds

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

User Friendly – Teach and Go
Few minutes to teach-in the product features by using a master sample

Optical Character Recognition

TIN: 01PP1PLLC   DOM: 0625   POSITION: BOTTOM   CONFIDENCE: 86.52%

DOT-Code Region

Key Features

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

Inspection from Both Sides
Inline tire identification on roller conveyor; no tire flipping necessary

Cycle Time/Speed
Per Tire: < 5 s
Speed from: 0,3 m/s - 0,8 m/s

100% Coverage
Seamless inspection and reliable DOT/TIN code traceability

Low Maintenance
Minimal cleaning and maintenance effort

Ready for Use 24/7
Consistently operational system

Seamless Connectivity
PROFIBUS, PROFINET, OPC UA

Made in Germany
Engineered and manufactured in Munich

WAHTARI