Wheel & tire validation system

The Quality Connection

advintec TCP – calculation and calibration of robotic tools and fixtures in up to 6 dimensions.

Cost reduction with LEONI solutions for unracking, gripper measurement and part location.

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Wheel & tire validation system by LEONI

Wheel identification features
- Style
- Diameter
- Color
- Center cap

Tire identification features
- Tread pattern
  (2D identification and 3D analysis)
- Tire dimensions: tread width, sidewall height, overall height, inner diameter, etc.
- D.O.T. code – record and/or validate
- Sidewall text validation

System overall validation results
- Balance ID mark alignment
- Wheel/tire/TPMS/logo/feature orientation
- Center cap (color/style/orientation)
- Gloss finish identification
  (high/medium/low-gloss finish)

Key features
- Standard, cost-effective product
- Stores 100+ wheel and tire models and combinations
- Easy to use
- Compatible with all industry-standard equipment and industrial IP network protocols (e.g. EtherNet/IP, DeviceNet, PROFINET, etc.)
- Integrated product reduces maintenance, operational costs
- Comes with comprehensive operations, training, and changeover manual
- Training provided on-site or at LEONI’s certified school of learning facility
- Additional features available at customer request

Production-ready standard product
based on years of tire and wheel inspection installations at multiple customer sites across North America.

Customer benefits
- Prevents mismatched wheels and tires
- Simplifies changeover, new model training
- 3D analysis guarantees correct tire/wheel combination
- Industry’s highest performance reliability, accuracy rates, and uptime
- Product testimonials, references available on request