

# JIAZHAN Industrial Achieves IATF 16949

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Ushering in a New Era of Global Automotive Precision Manufacturing

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01

# Milestone Achievement

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IATF 16949 International Automotive Quality Management System



# Certification Significance & Audit Scope



## ABOUT IATF 16949

Developed by the International Automotive Task Force based on ISO 9001, IATF 16949 is the **authoritative entry ticket** to international OEM supply chains worldwide.

## AUDIT SCOPE

Customer Engagement → CAE Mold Design → Material Procurement → High-Tonnage Die Casting  
→ Multi-Axis CNC Machining → Microsecond Process Control → Rigorous Inspection → Full  
Lifecycle Quality Traceability

*"Zero Defects Through Digital Closed-Loop, Not Luck"*

The background image shows a complex industrial environment. On the left, a grey control panel is visible, featuring a grid of buttons and indicator lights in various colors (green, red, yellow, black). To the right, a large, multi-colored robotic arm (yellow and orange) is positioned, with a grey protective cup hanging from its end. The scene is set in a factory or manufacturing plant, with various mechanical components and structures visible in the background.

02

## Global Automotive Core Control Pillars

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Three core control systems forging automotive-grade quality

PILLAR 01

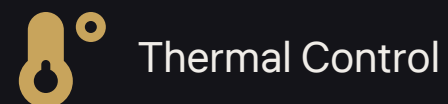
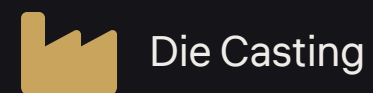
## Full-Chain Prevention & Dynamic Parameter Locking

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Complete shift to "**proactive prevention and process control**":

- Microsecond-level closed-loop dynamic injection
- Strict control of slow/fast shot switching & pressure
- High-precision mold temperature controllers
- Multi-channel high-pressure water cooling

Eliminating porosity, sand holes, and shrinkage from the source



# Comprehensive Precision Inspection System

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## Automotive-Grade Extreme Inspection Matrix

- High-power 225kV industrial X-RAY NDT system
- Micro-focus perspective + AI image algorithms
- 100% full inspection of internal density
- High-precision fully automatic CMM
- Micron-level geometric & positional tolerance

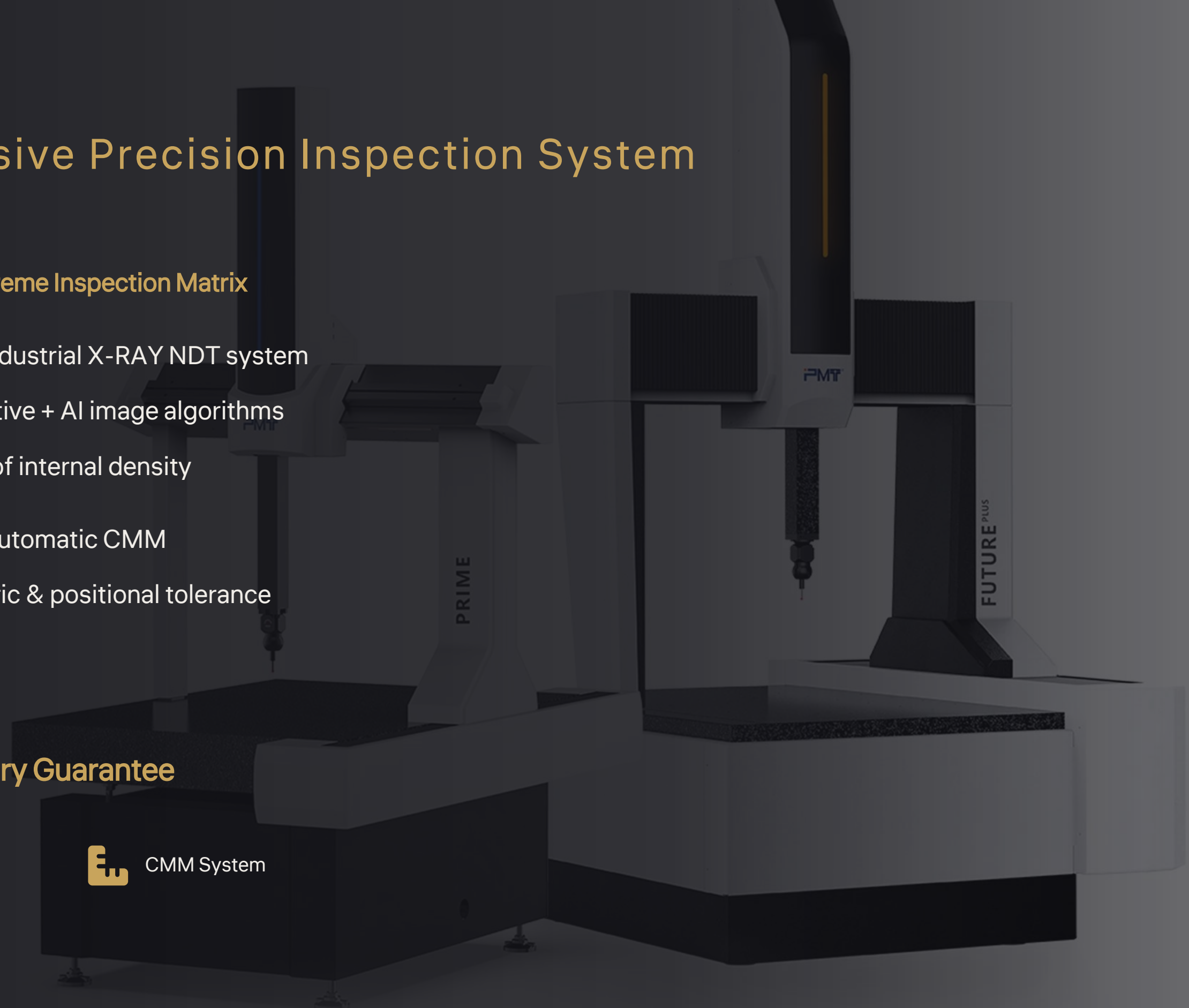
## Zero-Defect Delivery Guarantee



X-RAY NDT



CMM System



## Comprehensive Lean Operations & Delivery

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Digital ERP quality tracking enables **"full lifecycle quality traceability"**

Strict implementation of five core tools:

- APQP - Advanced Product Quality Planning
- FMEA - Failure Mode & Effects Analysis
- MSA - Measurement System Analysis
- SPC - Statistical Process Control
- PPAP - Production Part Approval Process

Customer Satisfaction

**9.5** /10

Toyota Supply Chain Official Score

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# Key Performance Highlights

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Product Pass Rate

99.8%

Stably maintained above 99.8% with five core tools

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On-Time Delivery Rate

100%

OTD consistently maintained at 100%

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Service Satisfaction

9.5/10

Highly recognized by Toyota and global OEMs

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# Chinese Precision Manufacturing, Driving the Future of Global Automotive

JIAZHAN Industrial will continue to uphold the highest automotive-grade quality standards

Delivering trusted customized precision component solutions to global automotive brands

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JIAZHAN INDUSTRIAL

Precision Manufacturing · Quality Driven · Global Trusted