

TYCHY TECHNICAL CENTER

TYCHY, POLAND

Our In-House Ownership of R&D, Design, Testing, Validation & Manufacturing Provides Customers with Agility, Responsiveness, Quality & Value



QUICK FACTS

Location: Tychy, Poland

Engineering Services:

- Software
- Electrical
- Mechanical
- Manufacturing

Focus Areas:

- Pinion EPS Homeroom
- Product & Process Architecture
- Core Product Technology for EMEA & SA
- Software Development



TTC CAPABILITIES



Test Track

On-site track with multi road surfaces for NVH testing



State-of-the-Art Prototype Facilities

Flexible build cell architecture enables quick response to customer needs, including machining, Power Pack assembly and testing and PEPS function testing



State-of-the-Art NVH Facility

Three semi-anechoic chambers for full steering system or subsystem level noise testing



EMI & Validation Facilities

EPS Field Data Replication Validation Lab includes proprietary methodologies to translate real-world testing into bench simulation



Virtual Engineering

Applications such as Remote Machine Approval that manage processes where a physical presence was previously thought necessary – improves efficiency, effectiveness and safety

OUR IN-HOUSE BUILDING BLOCKS FOR ADVANCED SAFETY & PERFORMANCE FEATURES

Nexteer’s in-house capabilities enable us to meet the growing demand for an increasingly electrified, automated and connected future.

MOTOR DESIGN

POWER ELECTRONICS

SENSOR DESIGN

SOFTWARE ALGORITHMS

SYSTEMS ENGINEERING

CYBER SECURITY

CLOSED LOOP SERVO CONTROL

SAFETY-CRITICAL PRODUCT DEVELOPMENT

VEHICLE-LEVEL INTEGRATION EXPERTS: SOFTWARE, ELECTRICAL & MECHANICAL

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a leader in intuitive motion control