

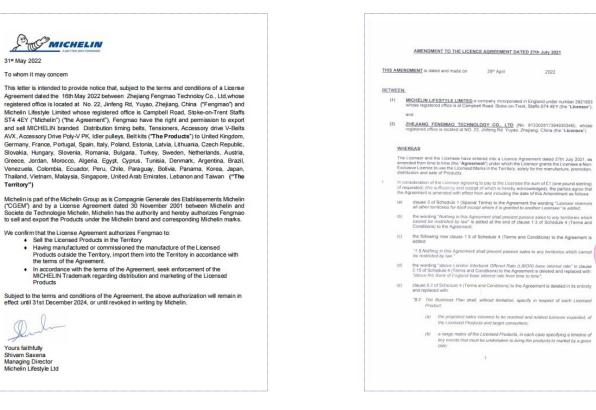
Michelin Personal Mobility

Drive Belt Applications



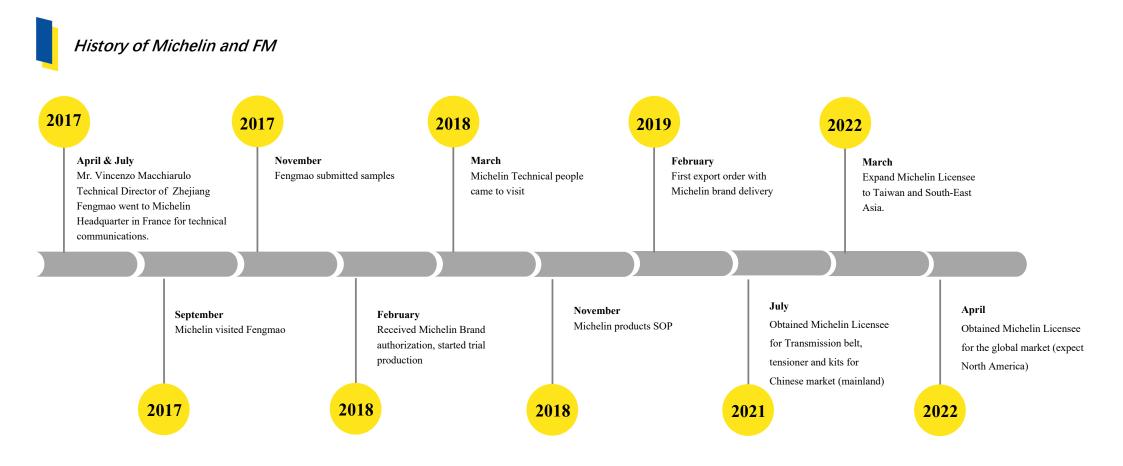


History of Michelin and FM



Authorization Letter







Brief introduction of FM

Zhejiang Fengmao Technology Co., Ltd. is committed to the research and development, production and sales of precision rubber parts. Its products mainly invove automotive transmission system, fluid pipeline system and sealing system, which are applied in automotive, industrial machinery, household appliances and sanitary etc. The company has more than 900 employees, including a professional technical development team of 100 people, with 2 PHD and 3 foreign experts. The company's leading products are automotive transmission belts, which has ranked first in the industry for three consecutive years. In 2021, the company was rated as the national Professional-Excelsior-Special-Innovation key "Little Giant" enterprise.

Three brands in transmission system



SEAN[®] 成辺







Product show up-- Passenger Cars Series



Accessory Belt for Passenger Cars 6PK1180

- Material performance and production process same as OEM belts, improve product NVH and stability.
- Also available for commercial vehicles.



Timing Belt for Passenger Cars 117RU22

• High performance HNBR materials and highstrength glass cord, ensure the accurate operation and long service life.



Accessory Tensioner for Passenger Cars FMMT08708

- Strictly follow OE standards to ensure the specific damping and torque of each product. guarantee the stability of system operation to the greatest extent.
- Also available for commercial vehicles.



Product show up-- Passenger Cars Series



Timing Kits for Passenger Cars FM01 0669

• Excellent dynamic torque and damping, efficient and stable escort for the engine system



Supper Kits for Passenger Cars FMW1 0598

• Provide the complete solution for belt driven system



Product show up-- Commercial Vehicles



V Belt for Commercial Vehicles AV17*1060

• Low noise, high wear resistance, improve the product life time and stability.



Accessory Belt for Commercial Vehicles 8PK2056

• Material performance and production process same as OEM belts, improve product NVH and stability



ATV Belt 1086*38

• Double sided cog design increases the bending resistance of the belt. Aramid cord and EPDM material guarantee high temperature resistance.



Product show up-- Commercial Vehicles



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Accessory Belt for Commercial Vehicles 8PK2056

Material performance and production process same as OEM belts, improve product NVH and stability



Scooter Belt 669*18*30

• Aramid fiber reinforced EPDM and high modulus low shrinkage cord to improve the service life of the belt



R&D EXPERTS AND SALES DIRECTOR



International Rubber Material, Transmission System Expert---

Chief Engineer

- Former Vice President of Gates Europe, involved in manufacturing, product research and development.
- Focused on transmission system research and development, has 36 patents, in which 3 international
- patents and 4 national patents are applied when working with our company.





International Material Expert----Material Director

• Worked for Gates Industrial Corp for 32 years, as Global Product Line Manager, Subject Matter Expert, then Research and Development Director.

Scott

L.Ciemniecki



European Sales Director

• Specialised in international business development in Automotive Aftermarket, Off road and Industrial applications.





FM is OEM supplier

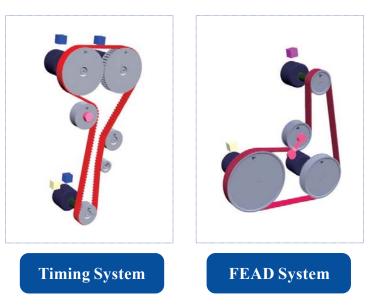




Computerized Belt Driven System Design



Belt-Driven System Solutions



Features

• FEAD system: low vibration, low slip rate, low abrasion, long lifetime, fuel saving and low noise.

• Timing system: low vibration, low noise, long lifetime and high wear resistance.

Simulation & Calculation:

- Geometric
- Static
- Rotect data collection
- CAD & CAE Analysis
- Dynamic Analysis

System Design and Development

- Capability of sync design, development and verification with customers.
- Multiple product categories provide optimal cost and technical solutions.
- System simulation analysis and test capability.
- Quick response service team.



Work Shop



Industrial Belt Workshop







Tensioner Automatic Assembling Workshop

- We carry out the lean production management, use the pipeline layout and electronic KANBAN of pull production system to shorten the order lead-time and stabilize producing process.
- EPR/MES/MRP/CRM/EDI are widely used in the company, monitoring from order reception, material incoming inspection, to production process, product outgoing and process reports collection, which makes the production easy and traceable.



Test Center

Be responsible for the brand at all times and always satisfy customers.

Approved by China National Accreditation Service for Conformity Assessment (CNAS), Our test center can carry out dynamic tests for transmission belts, tensioners, rubber hoses etc. The inspectors strictly carry out inspections in accordance with the requirements of CNAS-CL01:2006 and relevant standards. Based on data, the inspectors produce scientific, accurate and impartial inspection results and provide satisfactory services to customers.



Misalignment noise test machine





Flexibility and dynamic friction coefficient test machine



Tensioner durability test machine



Tensioner dynamic torque damping test machine



High & low temperature inpulse test machine





• Fengmao authorize Michelin Agent for selling Michelin branded Belts and Tensioners.





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THANK YOU !