



MAPA was founded in 1970 as an original equipment supplier to the automotive sector in Turkey. We were the first local manufacturer for a variety of key automotive parts during Turkey's industrial development. Over time, we have focused our design, production and distribution on clutch covers, driven plates (discs), flywheels and release bearings for passenger cars as well as light commercial vehicles, servicing the sector with two renowned brands, **MAPA** and **KraftTech**.

MAPA is one of the world's leading clutch manufacturers. Our team, with over 45 years of know-how, and a history of uncompromising quality have brought us where we are today. Our focus on new product development and commitment to provide top performing products for our customers are coupled with our relentless initiative to operate with the highest possible health and safety standards and care for the environment.

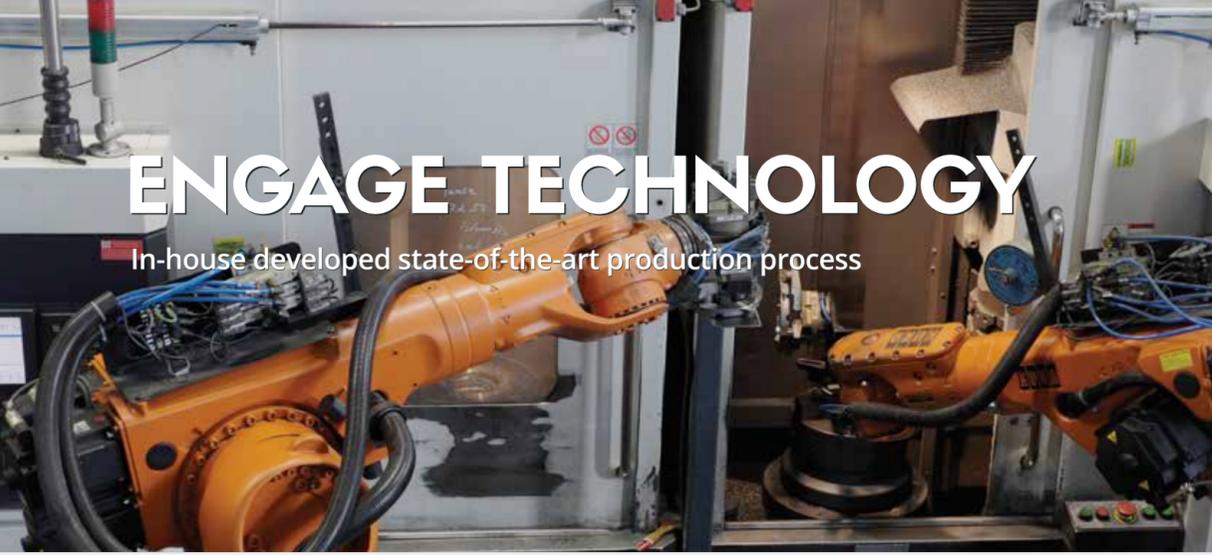
**MAPA**  
AUTOMOTIVE ENGINEERING AND TECHNOLOGY

[mapaautomotive.com](http://mapaautomotive.com)



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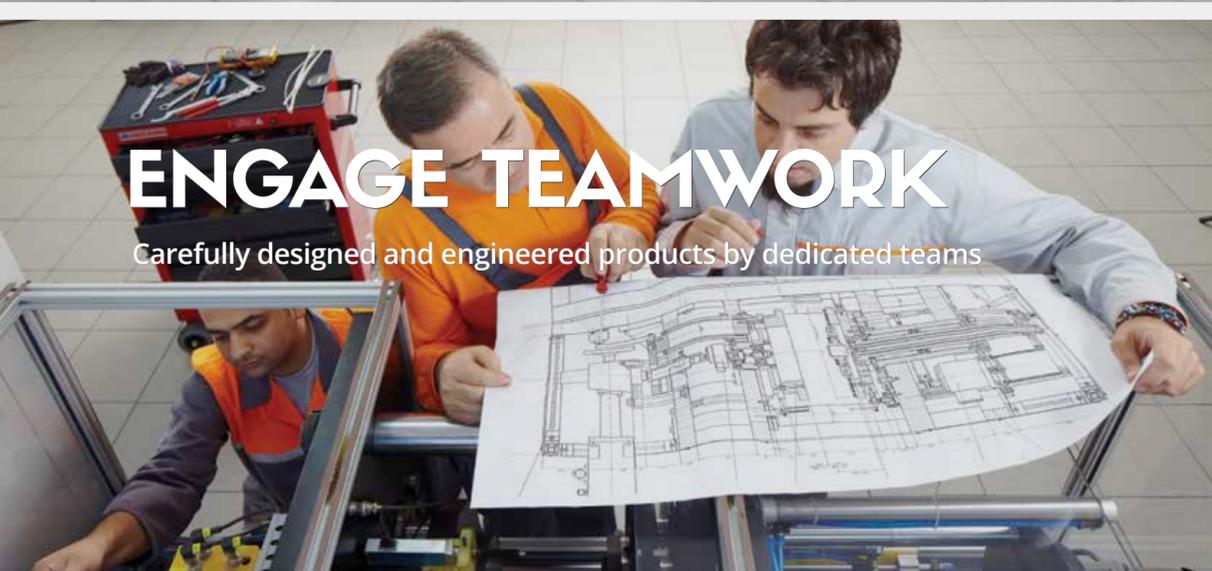
# ENGAGE TECHNOLOGY

In-house developed state-of-the-art production process



# ENGAGE INNOVATION

Patented solutions for powertrain technology



# ENGAGE TEAMWORK

Carefully designed and engineered products by dedicated teams

## R&D

With our focus on new product development, a highly skilled engineering base and fully equipped R&D Center, MAPA quickly responds to the changing dynamics of the automotive sector and specific customer demands.

## MANUFACTURING TECHNOLOGY

At MAPA we have created our own technology, developed with in-house design, test and production capabilities at our state-of-the-art facilities, which include tooling design with system-integrated workshops, CNC machinery, robotics, heat treatment as well as automated assembly lines.

## PROCESS OPTIMIZATION

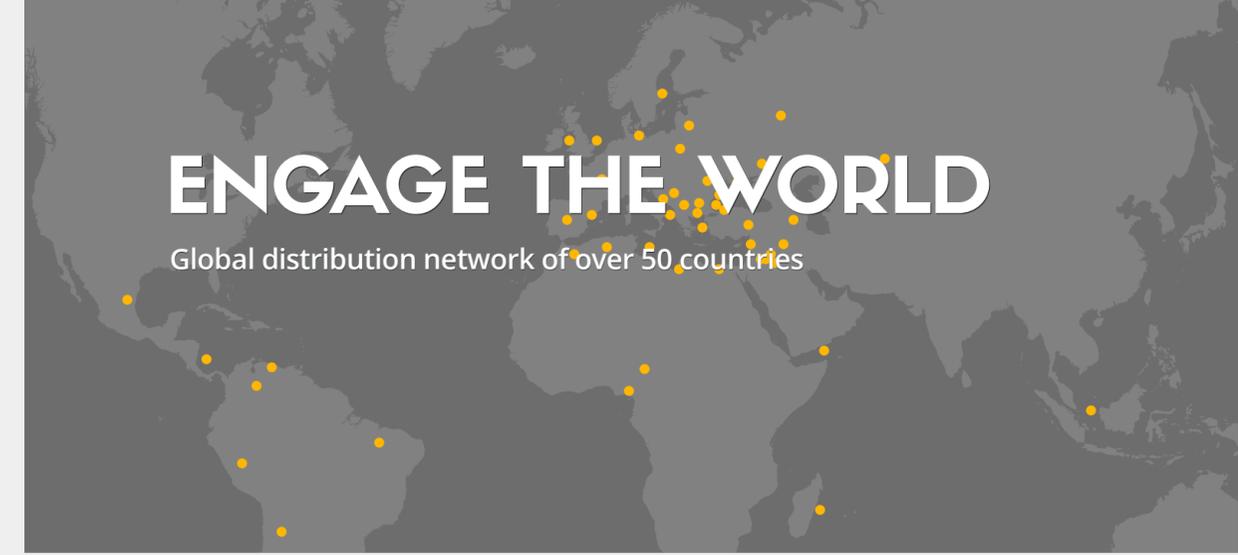
Through our SAP ERP system and flexible, automated manufacturing lines, we meet customer requirements with maximum stock efficiency. Our computerized tracking system at each manufacturing point allows for immediate measurement of Overall Equipment Effectiveness (OEE) and productivity.

## PERFORMANCE ASSURANCE

MAPA's in-house developed assembly lines have fully automated testing machines to enable 100% quality verification for all our finished products. We are able to track all manufacturing and testing steps by encoding traceability data on each and every unit produced.

## QUALITY SYSTEMS

MAPA is ISO/TS 16949 certified. We were the first local clutch manufacturer in Turkey with ISO 9001 standards. With over 45 years of sourcing experience and working with the best-in-class suppliers, our quality assurance process starts at the raw material level.



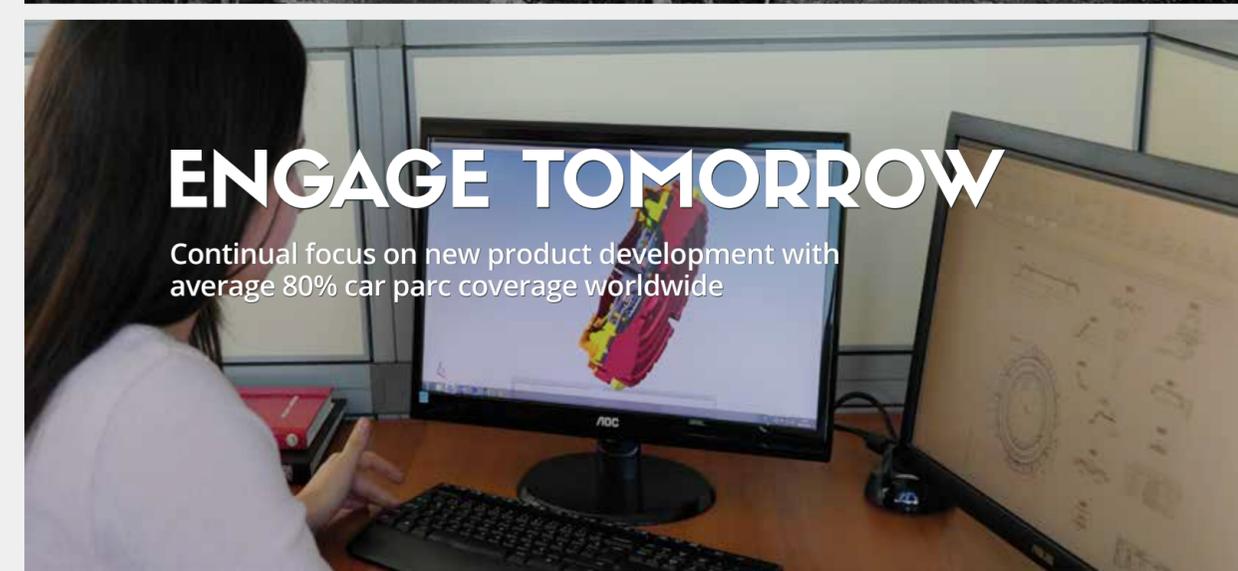
# ENGAGE THE WORLD

Global distribution network of over 50 countries



# ENGAGE THE EXPERTISE

Over 45 years of industry experience and know-how



# ENGAGE TOMORROW

Continual focus on new product development with average 80% car parc coverage worldwide