

FOMAR
FR I C T I O N

Product quality





FOMAR Friction doesn't mean
only a brake pad brand.



FOMAR means **more than 60 years of experience**,
access to international assets and new technologies.





FOMAR

FR I C T I O N



1956

Fomar taken over by US holding MAT Inc and merged with Scandinavian automotive mogul Roulunds Braking

2015

2012

MAT Inc continues expansion on European market by taking over Federal Mogul friction factories in Germany and France

First production of friction products by Fomar



ROULUNDS
braking



MAT Holdings Inc International holding founded in 1984.
Supplier of automotive components for the original equipment (OE)
and for the independent aftermarket



**PRESENT ON THREE CONTINENTS:
NORTH AMERICA, EUROPE AND ASIA**

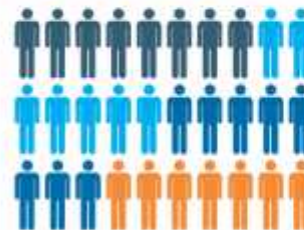


...IN EUROPE THE CORPORATION OWNS 5 COMPANIES
– ALL OF THEM ACTIVE IN THE AUTOMOTIVE INDUSTRY – PRODUCING
AND DISTRIBUTING FRICTION LININGS, BRAKE PADS, BRAKE SHOES,
BRAKE DISCS AND PLATES OR OTHER COMPONENTS FOR BRAKE PADS.



210 000 m²
TOTAL SPACE OF PRODUCTION PLANTS
AND WAREHOUSES IS 210.000 SQUARE METERS

13.000



EMPLOYEES



THE ANNUAL REVENUE REACHES
ONE BILLION USD

MAT Auto Group

MAT Friction



MAT COMMERCIAL
VEHICLE PRODUCTS
MAT FRICTION
NIPPON
ROLLINGS BRAKING
FOMAR

MAT Friction components



MENETA

Shim, Backplate
and accessories

MAT Foundry Group components



MAT HOUNGHEES
EUROPE
MAT MACHINING
EUROPE
MAT DALIWA
ALPHARD
MINDOR, ID
CUMAC
CUMAC
CUMAC
CUMAC

Shock Absorbers & Struts



RIDE CONTROL
A Member of MAT-Struts, Inc.

10,200 DEDICATED EMPLOYEES
AT 39 LOCATIONS WORLDWIDE



GENERATING OVER
\$1.1 BILLION IN
REVENUE WORLD WIDE



FOMAR
FRICTION

We produce yearly:

133 MILLION

PIECES OF PASSENGER
PADS



10 MILLION

PIECES OF PASSENGER
SHOES



7,2 MILLION

PIECES OF COMMERCIAL
PADS



1,5 MILLION

PIECES OF CV LININGS

400 TONNES

OF GREY IRON CASTINGS



We continuously **expand our offer**
with **new categories and references**



**COMMERCIAL
VEHICLES**

PADS

DISCS

LININGS

UNDISPUTED
WORLD LEADER - CA.
700
REFERENCES



**PASSENGER
CARS**

PADS

OVER
150
NEW REFERENCES

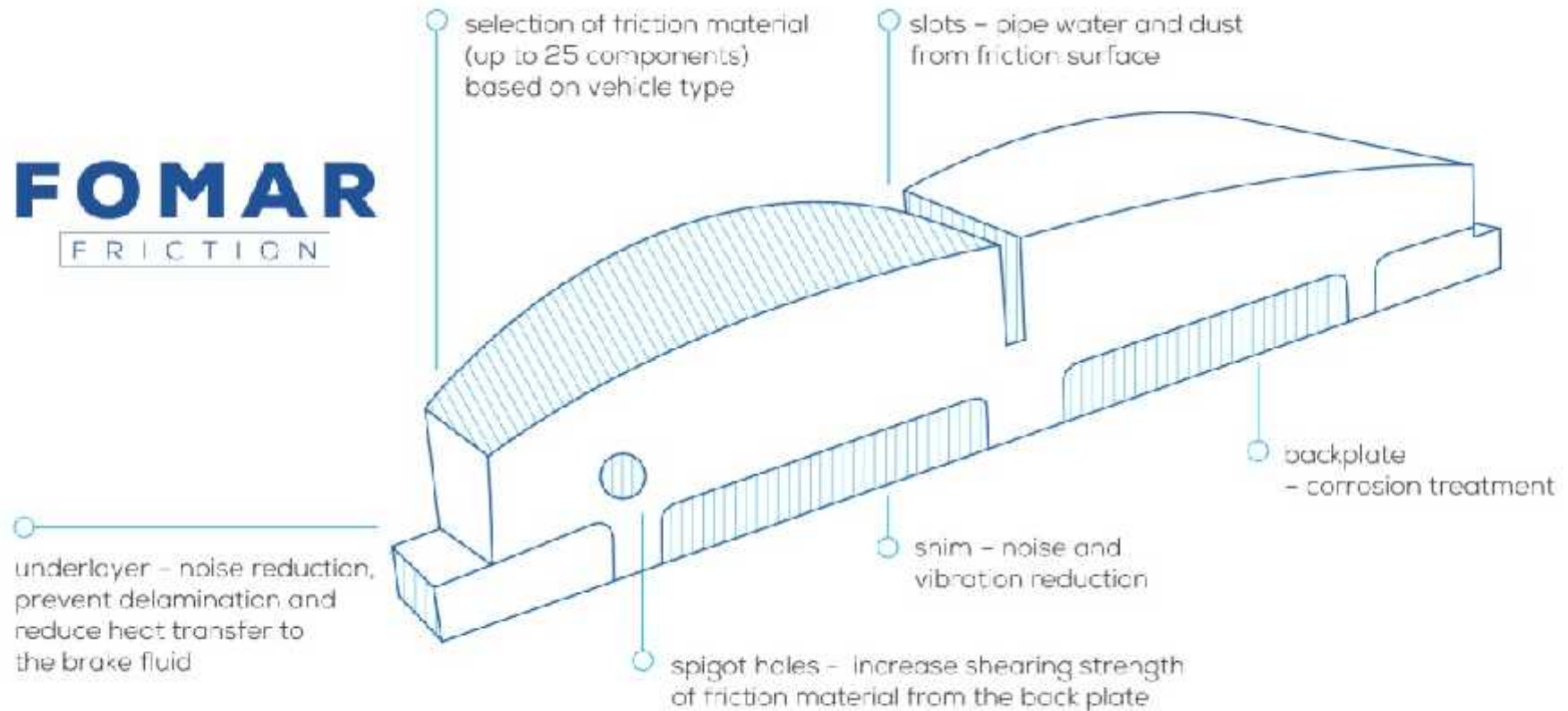
SHOES

DISCS

NEW

FOMAR

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We focus on :



**RESEARCH
& DEVELOPMENT**



INVESTMENTS



TESTING



Research & development

MAT owns a wide net of research & developments centers all over the world, including one in Poland. Fomar products are tested in R&D centers in Poland and in R&D headquarters in Denmark.

**THE R&D CENTER IN POLAND IS THE BEST
EQUIPPED CENTER
IN CENTRAL AND EASTERN EUROPE**

2

**FULL SCALE
DYNAMOMETER**
(ONE FROM 2015)

3

**KRAUSS
MACHINES**

FOMAR products are tested in extreme conditions:

**BRAKING
EFFECTIVENESS
IN 700°C**

(TYPICAL TEMPERATURE
DURING SLOWING DOWN
IS 150-300°C)

**WEAR
TESTS
IN 500°C**

(TYPICAL TEMPERATURES 150-300°C)



**BRAKING
EFFECTIVENESS**

>100KM/H

**ROAD
TESTS**

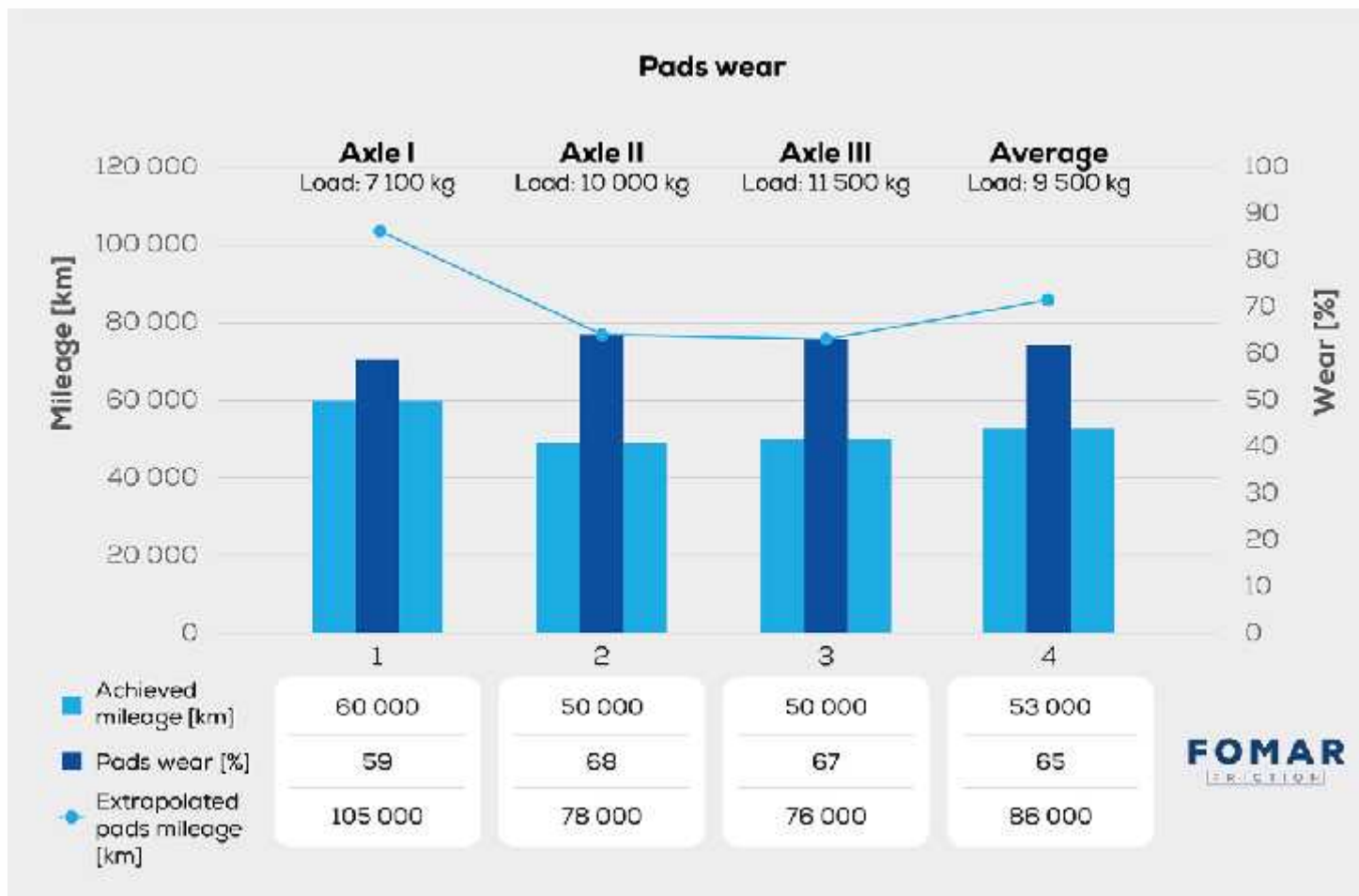
WE COOPERATE WITH PUBLIC
TRANSPORT AND LOGISTICS
COMPANIES WHICH TEST OUR
PRODUCTS IN REAL LIFE CONDITIONS

Road test results

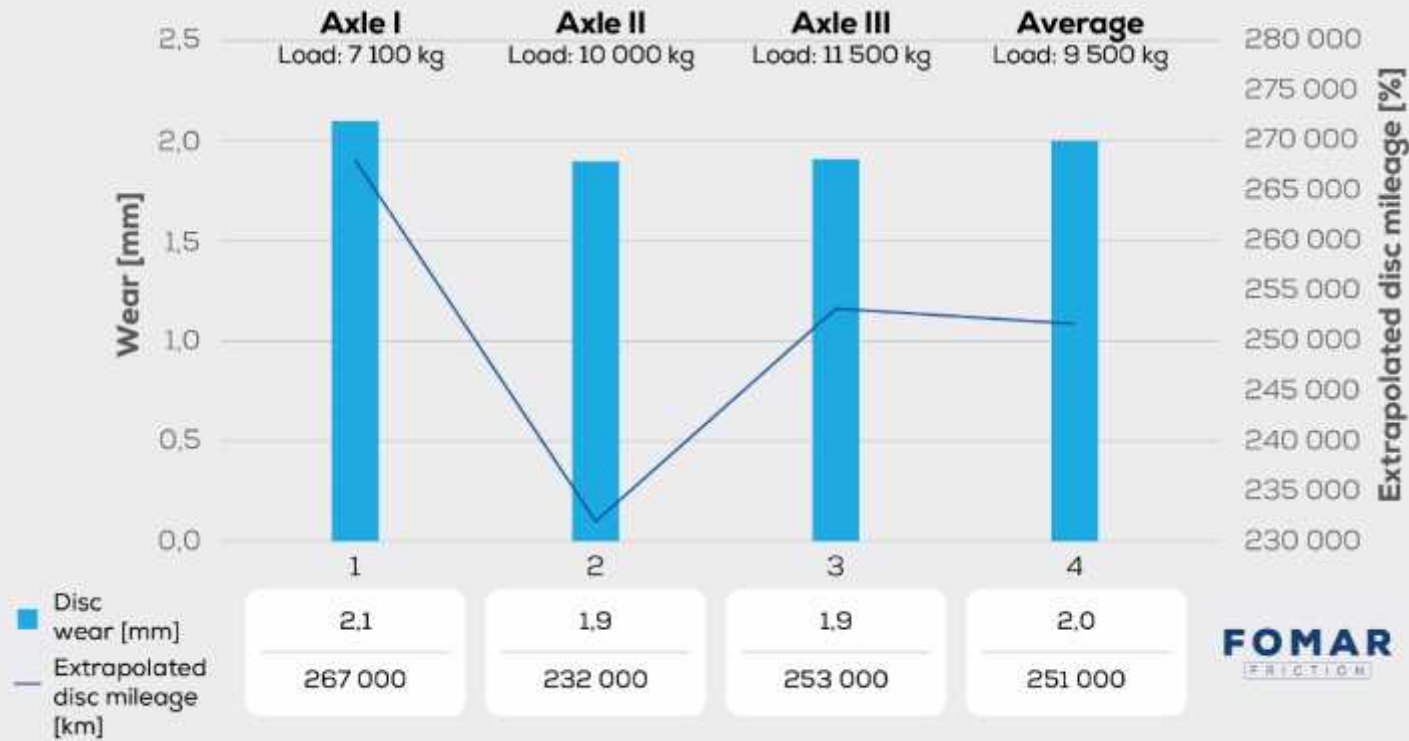
Test specification:

- Area: Warsaw city, Poland
- Vehicle: Solaris Urbino 18
- Engine power: 240kW
- Maximum weight: 28000kg
- Maximum load on axle:
 - I: 7100kg
 - II: 10000kg
 - III: 11500kg
- Time: March 2017 – June 2018
- Number of vehicles: 15
- Reference tested: WVA 29108





Disc wear



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Thank you

