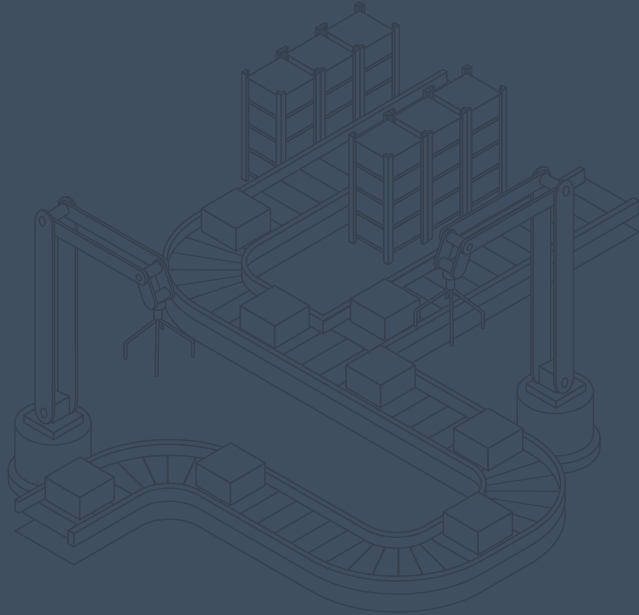




Advanced Solutions for Linear Transmission



PERFORMANCE CARBON



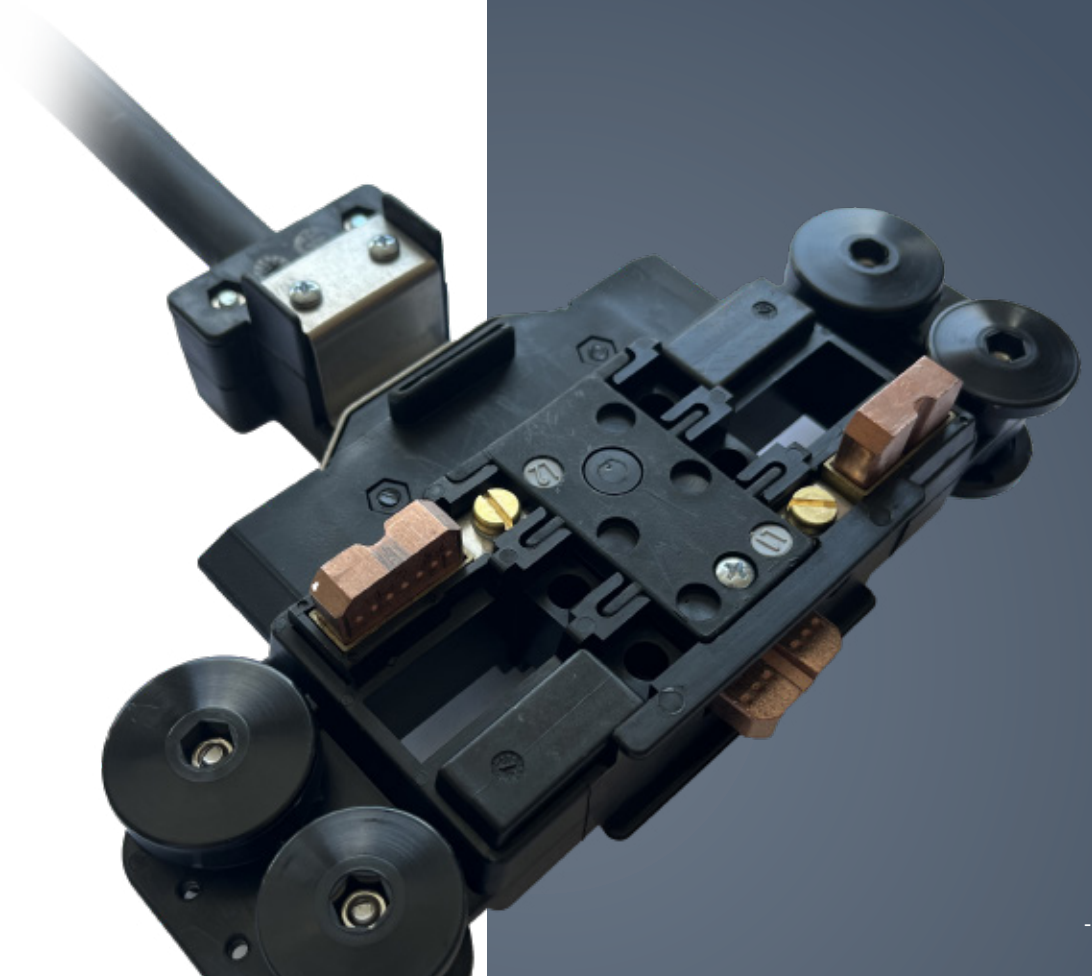
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Company & Linear Business Introduction

Morgan boasts over 65 years of expertise and application experience in providing linear products.

With the help of rich experience in material research and application, we provide customers with comprehensive solutions to meet a variety of challenges in industrial applications.



Application Fields

Industrial Applications

Automated Production: Powers robots, conveyors, and RGVs across manufacturing lines.

Warehousing & Logistics: Supplies reliable electricity to sorting machines and stacker cranes.

Heavy Industry (Metallurgy/Chemical): Ensures stable power for overhead cranes and hoists in harsh environments.





Transportation Solutions

Rail Systems: Powers metro trains, APMs, trams, and other urban rail vehicles.

Port Operations: Supplies essential power to rail-mounted gantry cranes.



Public Infrastructure

Airport Operations: Powers baggage handling systems, people movers, and mobile ground support equipment.

Amusement Parks: Supplies electricity to roller coasters, carousels, and dynamic attractions.

Linear Product Grades Overview

Our Linear Product Portfolio includes a versatile range of brush grades engineered to meet a variety of application requirements. These grades offer tailored performance characteristics in conductivity, strength, and durability — serving diverse industrial needs.

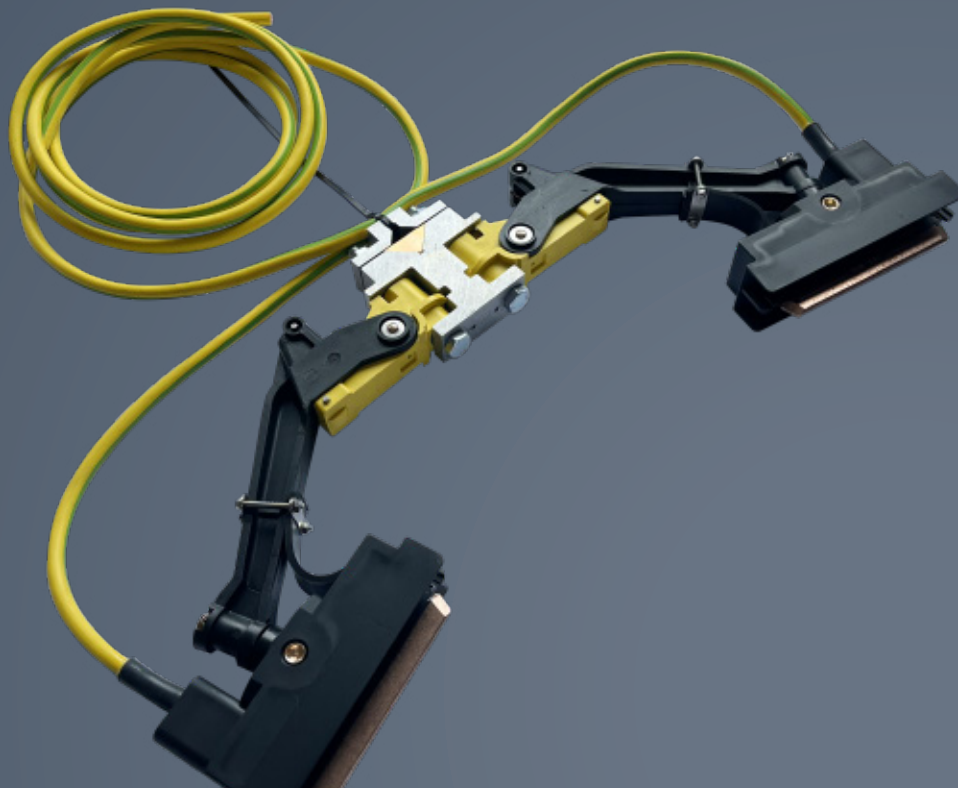
Available Grades:

-
- MEX1
 - MEX6
 - MEX83
 - MEX39
 - M291
 - MG5000
 - MG950
 - MY258A2
 - CY280
-

Each of these grades is optimized for specific operating conditions and design parameters, ensuring reliable performance and value to our customers.



Product Features, Advantages & Benefits to Customers



Excellent Material Performance

Environmentally Safe & Compliant

Morgan products use lead-free materials, developed with environmental responsibility at the core. This ensures compliance with stringent global standards while safeguarding your operational environment and employee health. Choosing Morgan is a commitment to sustainable, responsible business practices.

Superior Guide Rail Protection

Engineered for exceptional wear resistance and an ultra-low friction coefficient (<0.2), Morgan materials significantly reduce rail wear, extending system service life and minimizing maintenance.

Extensive Material Selection

Leveraging over a century of application expertise and a diverse material portfolio, we collaborate with you to select the optimal solution for your specific operational conditions, solving complex material challenges.

Professional Technical Support

Global Expertise

Leverage 169 years of carbon material leadership. Our worldwide R&D and application technology teams deliver expert technical support.

Localized Responsiveness

Benefit from timely, one-stop service through our local product, application, and customer support teams.

Continuous Optimization

Our dedicated global team partner with you to understand application needs, continuously optimize products, and deliver customized designs for complex scenarios – enhancing your competitive advantage.



Strict Quality Assurance

Certified Quality Systems

Our comprehensive quality management is certified to both ISO 9001:2015 and IATF 16949:2016 standards, ensuring consistent product reliability.

Stringent Process Control

Advanced processing and strict raw material management guarantee batch stability and performance consistency.

End-to-End Traceability

Rigorous process execution, detailed production records, and full documentation ensure product quality traceability.

Advanced Validation

Our CNAS-certified labs and qualified personnel conduct thorough batch testing using complete material analysis and application simulation capabilities, enabling timely corrections and guaranteed product stability.





ABOUT MORGAN ADVANCED MATERIALS



Morgan Advanced Materials is a global engineering company offering world-leading competencies in materials science, specialist manufacturing and applications engineering. We focus our resources on the delivery of products that help our customers to solve technically challenging problems, enabling them to address global trends such as energy demand, advances in healthcare and environmental sustainability.

What differentiates us?

- Advanced material science and processing capabilities.
- Extensive applications engineering experience
- A strong history of innovation and reinvention.
- Consistent and reliable performance.
- A truly global footprint.
- We find and invest in the best people.

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