EN.ZHGLORY.COM

Glory Brakes





Zhuhai Glory Friction Material Co., Ltd.

Address: No.6, Longshan 3rd Road, Longshan Industrial Zone, Doumen District, Zhuhai, Guangdong, 519110 China









Established in 1986, with its headquarter locating in Zhuhai, Zhuhai Glory Friction Material Co., Ltd. (hereinafter referred to as "Glory") is a professional friction material manufacturer integrating R&D, production, sales and service. The main products of Glory are disc brake pads, drum brake shoes, backing plates and related accessories. The application experience includes passenger cars, commercial vehicles, heavy duties, light railways and racing cars. The main sales footprints included China, South-east Asia, Europe, Mid-east, Africa, North America and South America.

Glory attaches great importance to R&D, and has a friction material R&D team led by top domestic and foreign technical experts. Dedicated in the basic material research, formulation development, application analysis, testing, NVH solutions, Glory has successfully become the first Chinese local supplier of brake system giants such as ZF and Continental, and successfully supplied OEM brake pads to high-end vehicles such as Mercedes Benz. Glory also has extensive application experience in different projects with the Great Wall, GAC, CHANGAN, BYD, JMC, Ford, Chery and Geely.

Adhering to the vision of "create value and achieve win-win", Glory will be always in pursuit of helping our customers in realizing their dreams in friction industry. Starting from the solid foundation, we aim to become a leader in this field.

Glory Frankfurt · Technical Support



Glory Shandong

- · Backing Plates Manufacturing
- · Brake Discs Trading



Glory Zhuhai, Headquarter

- · R&D Center
- · Mold&Tooling Manufacturing
- · Brake Pads Manufacturing
- · Brake Shoes Manufacturing
- · Backing Plates Manufacturing
- ·Shims Stamping

MILESTONE







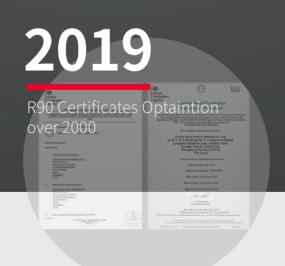




















COMPANY CULTURE



We are team and we achieve the goal together.
We take the responsibility with enthusiasm.
We seek the opportunities with passion.
We engage in sustainable development.

Core Values

Overall process resource benefit maximization.

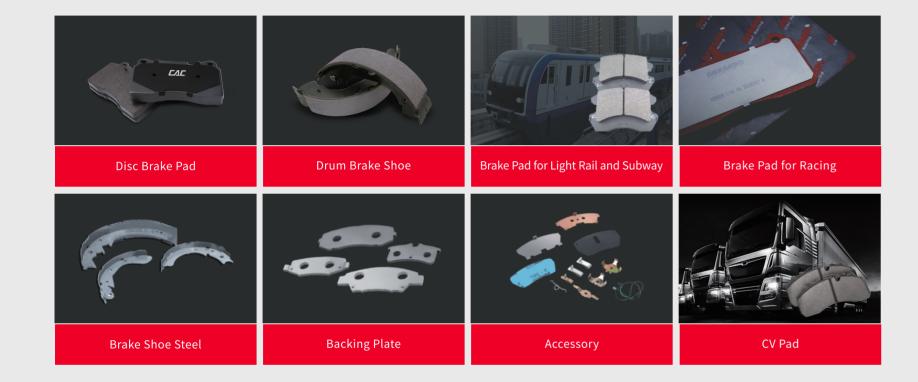
Strategy



Safety • Lean • Perfect • Integrity

Quality Policy

CATEGORY











OE EXPERIENCE











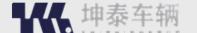




































































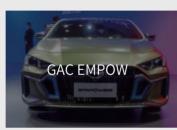


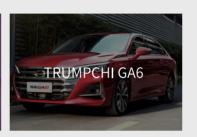


SOP PROJECTS

SEDAN































SPECIAL USAGE VEHICLES

















In the pursuit of greener, more sustainable and meaningful development.



CO2 emissions reduced by 5% in 2022

CO2 emissions will be reduced by 8% in 2023

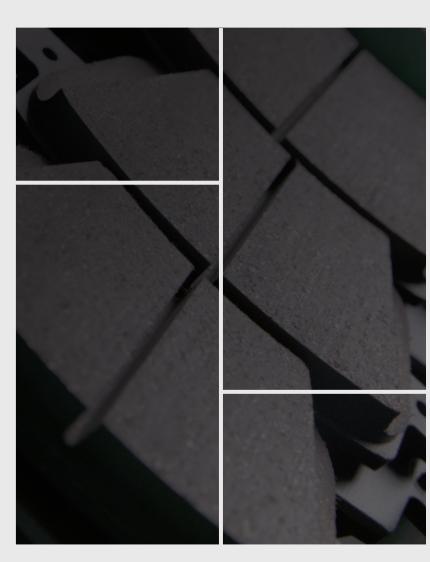
CO2 emissions will be reduced by 30% compared to the basic criterion of 2023 by 2030



As early as 2017, we have achieved copper-free and antimony-free formulations, taking the lead in recommending copper-free and antimony-free high-performance friction material to our customers



In order to reduce dust emissions, we are developing friction material for the FNC coating, Hard Metal coating and C-SiC brake disc.





EXPERTSSenior Consultant of Glory

→ Mr. Victor Li

Victor Li, Chinese.

Former chief engineer of Glory. He has more than 50 years of experience in material research, formulation, testing and machine design in friction material industry, and granted Chinese national allowance by state council.

Mr. Otto Schmitt

Otto Schmitt, German.

Former TRW global friction chief engineer, he has more than 45 years experience in friction material application and brake system research. Joined Glory as consultant since 2015.

→ Mr. Laszlo Fecske

Laszlo Fecske, Hungarian.

Worked for Lucas Automotive (today ZF) in NVH Department for 8 years included 2 years USA assignment to establish and work in the NVH Laboratory and on vehicle testing in Troy Michigan. Worked for BOSCH Braking Systems, MSC Europe, Meneta, ANT/Hühoco as NVH senior engineer. Joined Glory as consultant since 2019.

→ Mr.Pietro Buonfico

Pietro Buonfico, Italian.

Former global VP and chief technical adviser of ITT sports technology division, he has more than 40 years of experience in research and development of friction materials, and manufacturing process. Joined Glory as consultant since 2022.

RAW MATERIAL TESTING

Shot content

Sieve analysis

Water content

Ash content

pH value

Volatile

Resin angle flow/gel time

Tap density

Particle size distribution

Morphology analysis

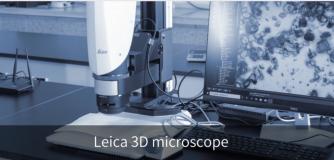
TGA / DSC

Acetone extration

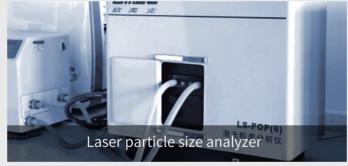








TGA / DSC









PHYSICAL&CHEMICAL PROPERTY TESTING

Density

Hardness

Porosity

pH Value

Inner Shear Strength

Impact Strength

Swell/Thermal Conductivity

Cold Compressibility

Metallographic

Specimen Stiction

Cross Scribing

Rust Grade

Glory is not only a manufacturer of friction materials, but also a research and development partner of customers. The research and development cost accounts for 5-6% of the annual sales.

TESTING CAPABILITY

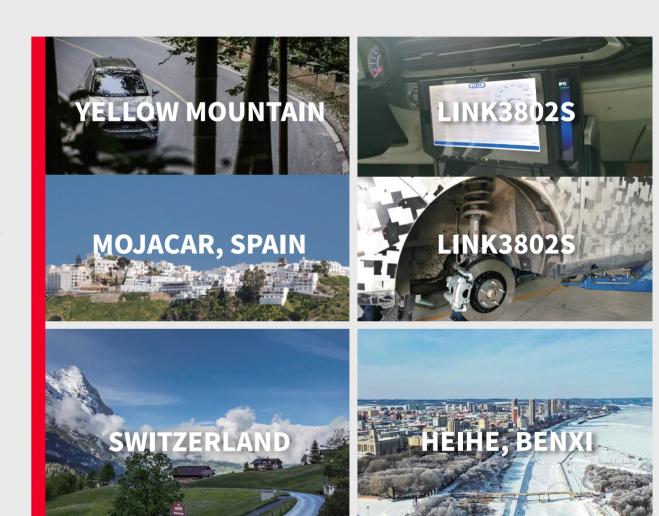
S/N	Туре	Inertia (kg•m²)	Climate Control	Testing Projects
G3900	NOISE & PERFORMANCE	250	-20°C~50°C/20%~95%	SAE J2521; AK-Master(SAE2522); SAE 2681; SAE J2707; AMS;USCT; Krauss; Static Mu; QC/T 564/479/237; JASO 406/407; Q/19S 002; DT6C 01 24/29; DCACB027; TL-110; JX14020
G3000	FULL SIZE / PERFORMANCE	250	-40°C~50°C/20%~95%	AK-Master(SAE2522); SAE 2681; SAE J2707; AMS; Krauss; Static Mu; QC/T 564/479/237; JASO 406/407; Q/19S 002; DT6C 01 24/29; DCACB027; TL-110; JX14020
G122	FULL SIZE / PERFORMANCE	250	-	AK-Master(SAE2522); SAE J2707; Krauss; QC/T 564/479/237; JASO 406/407; Q/19S 002; DT6C 01 24/29; DCACB027; TL-110; JX14020
G122B	FULL SIZE / PERFORMANCE	180	-	AK-Master(SAE2522); SAE J2707; Krauss; Static Mu; QC/T 564/479/237; JASO 406/407; Q/19S 002; DT6C 01 24/29; DCACB027; TL-110; JX14020
G122H	FULL SIZE / PERFORMANCE	250	-	AK-Master(SAE2522); SAE J2707; Krauss; Static Mu; QC/T 564/479/237; JASO 406/407; Q/19S 002; DT6C 01 24/29; DCACB027; TL-110; JX14020
G122F	FULL SIZE / PERFORMANCE	300	10°C~50°C/20%~95%	AK-Master(SAE2522); SAE J2707; Krauss; QC/T 564/479/237; JASO 406/407; Q/19S 002; DT6C 01 24/29; DCACB027; TL-110; JX14020
G123	FULL SIZE / PERFORMANCE	2700	10°C~50°C/20%~95%	AK-Master(SAE2522); SAE J2707; Krauss; ISO26865/ISO26866; QC/T 564/479/237; JASO 406/407; TL-110
G120CE	1/5 SCALE DYNO	4	10°C~50°C/20%~95%	AK-Master(SAE2522); SAE J2707; QC/T 564/479/237; JASO 406/407; Q/19S 002; DT6C 01 24/29; DCACB027; TL-110; JX14020
GK	KRAUSS	-	-	Krauss

Glory invented 1:5 scaled dyno test machine with environmental control to conduct core development of formulation, bench tests of different materials, and friction tests for Chinese National standard and CAAM (China Association of Automobile Manufactures) standard of brake pads.

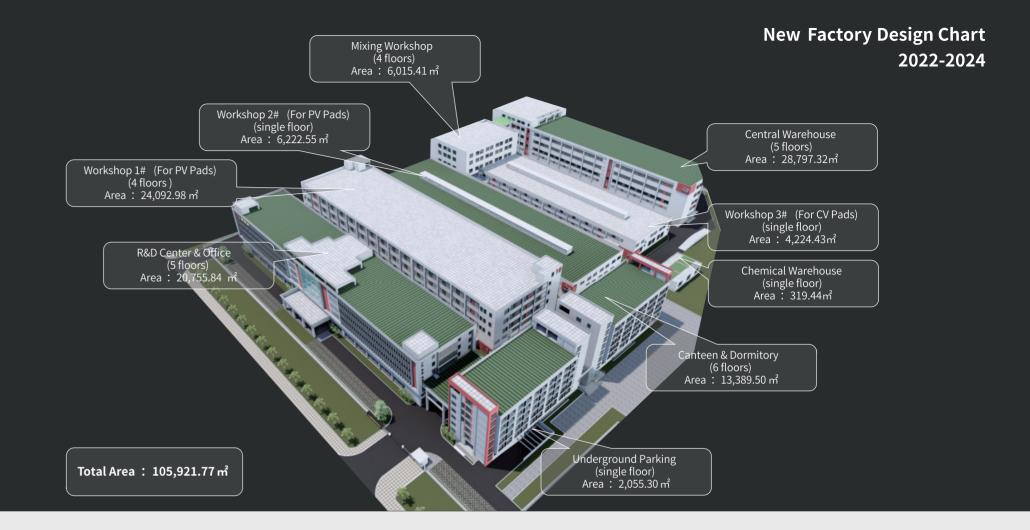


VEHICLE TESTING CAPABILITY

Vehicle Stiction
Hill Hold
Greep Groan
Road Simulation
Cold Test



WE HAVE AUTOMIZED AND RELIABLE MANUFACTURING PLANTS





OE Brake pad (Million sets)



AM Brake pad (Million sets)



Brake shoe (Million sets)



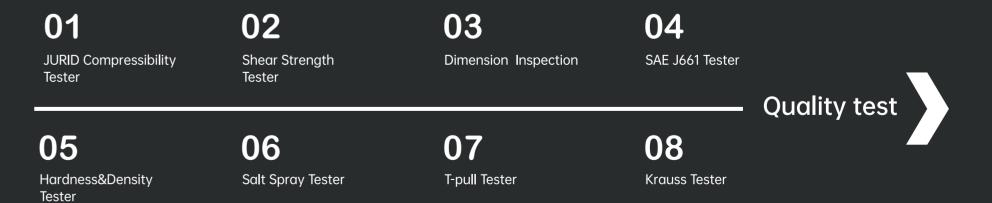
Backing plate (Million pcs)



Shim (Million pcs)

WE CONCENTRATE ON PERFORMANCE AND ROBUST





SOCIAL RESPONSIBILITY

Corporate social responsibility is not only a mission in the sustainable operation of enterprises, but also a commitment to the sustainable and harmonious development of the society.

Glory's duty is not only responsible for customers, partners, employees, shareholders and other stakeholders, but also for the sustainable development of society, environment and resources.

Except for the responsibilities with regard to business aspects, Glory is also paying attention to continuous value creation in the future for the harmonious and sustainable development of the planet we are living in.



Safety first

As a manufacturing enterprise of "safety parts", "safety" has always been the primary goal of fulfilling social responsibility



Environment friendly

Adhere to the green business philosophy and do the best to promote sustainable development



Energy saving

Adhere to the strategy of "maximizing resource benefits in the overall process"



Mutual growth

Promote complementary resources, create shared value and realize common goals



