



郑州白云实业有限公司

Zhengzhou Baiyun Industrial Co.,Ltd.



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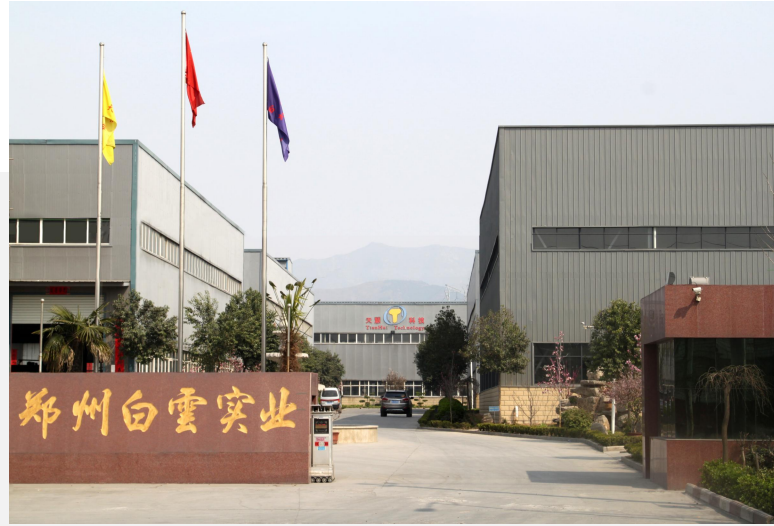
5 Market

公司概况
General Introduction

章节
Part 01



Part 1 General Introduction



Zhengzhou Baiyun Industrial Co., Ltd.

01

Baiyun Brake New
Material Technology Co.,
Ltd.

Specializing in friction material research and
production of brake pads both for C.V. and P.C.

02

Zhengzhou Tianhui
Automobile Brake Technology
Co., Ltd.

Specializing in production of brake linings for
C.V.

03

Nanyang Junlong
Industrial Co., Ltd.

Specializing in production of brake linings for
C.V.

04

Huangshi Saite Friction
Materials Co., Ltd.

Specializing in production of brake linings for
C.V.

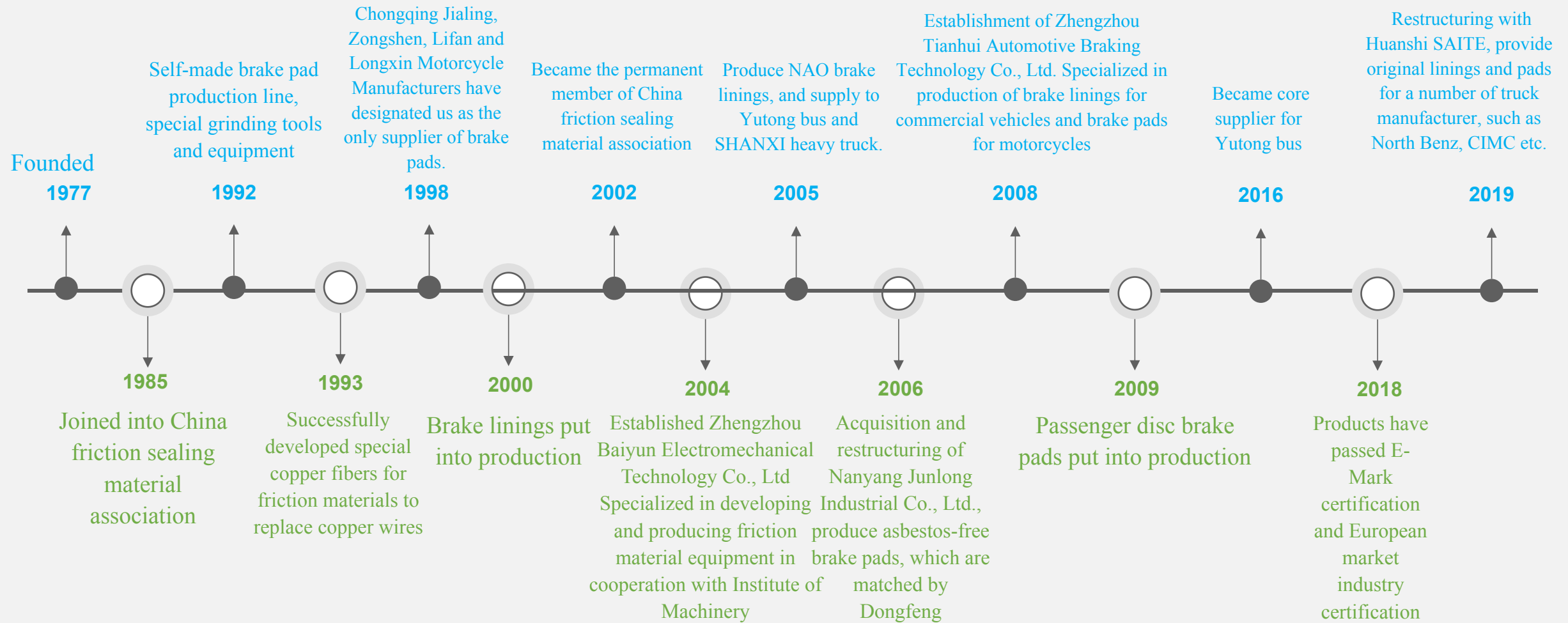
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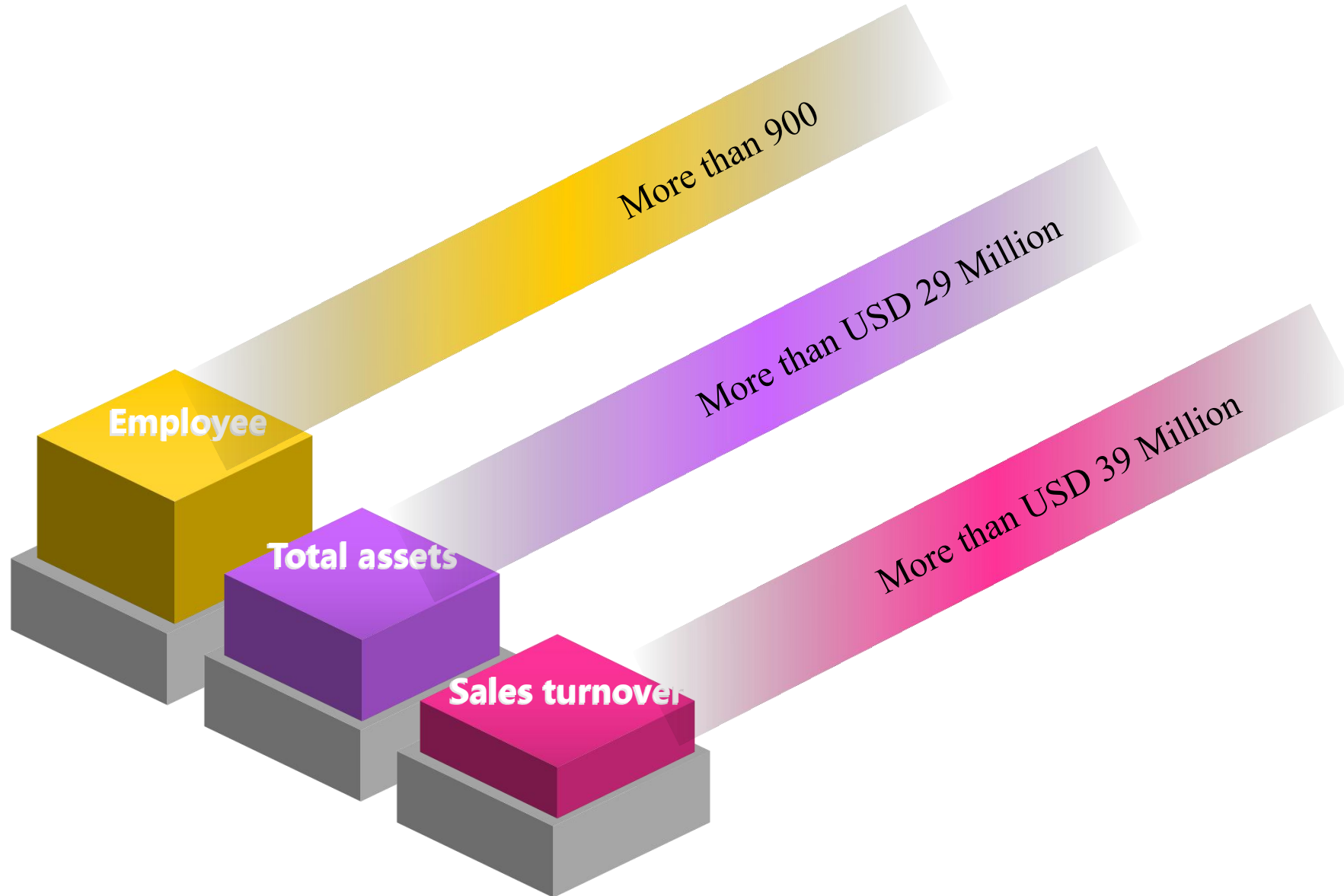
Zhengzhou Baiyun
Electromechanical Technology
Co., Ltd

Specializing in production of machines and
production line for brake linings and pads.



HISTORY EVENTS





研发与技术
R&D and technology

章节
Part 02



- Baiyun R&D Center is Province Level Enterprise Technology Center



- Baiyun cooperate with National Automobile Quality Supervision and Test Center(Xiangyang) R&D lad reaches national test level

- Top 20 Enterprises in China of Friction Material Industry





Part 2 R&D and Technology

CERTIFICATION





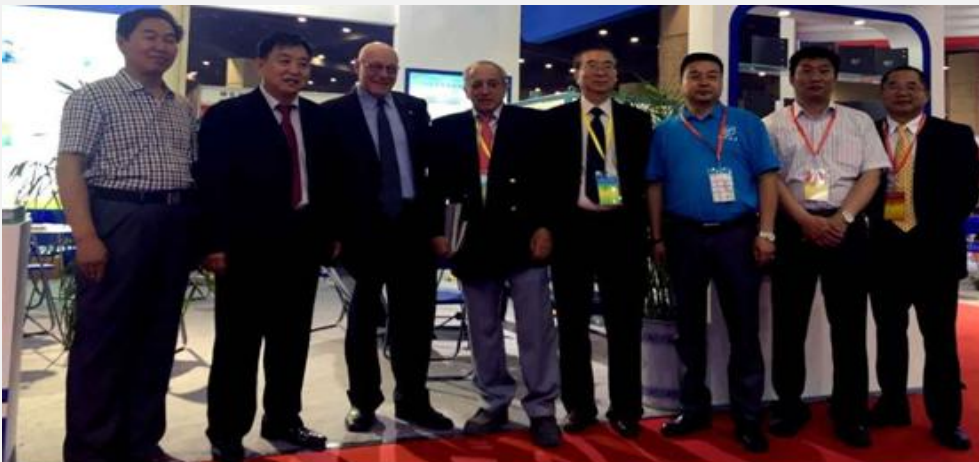
Mr Li Shuangxian, CEO of Baiyun Group, China Friction Material Council Member

Mr Wang Jian, The only expert in China Friction Material Industry who enjoy the special allowance of the state council



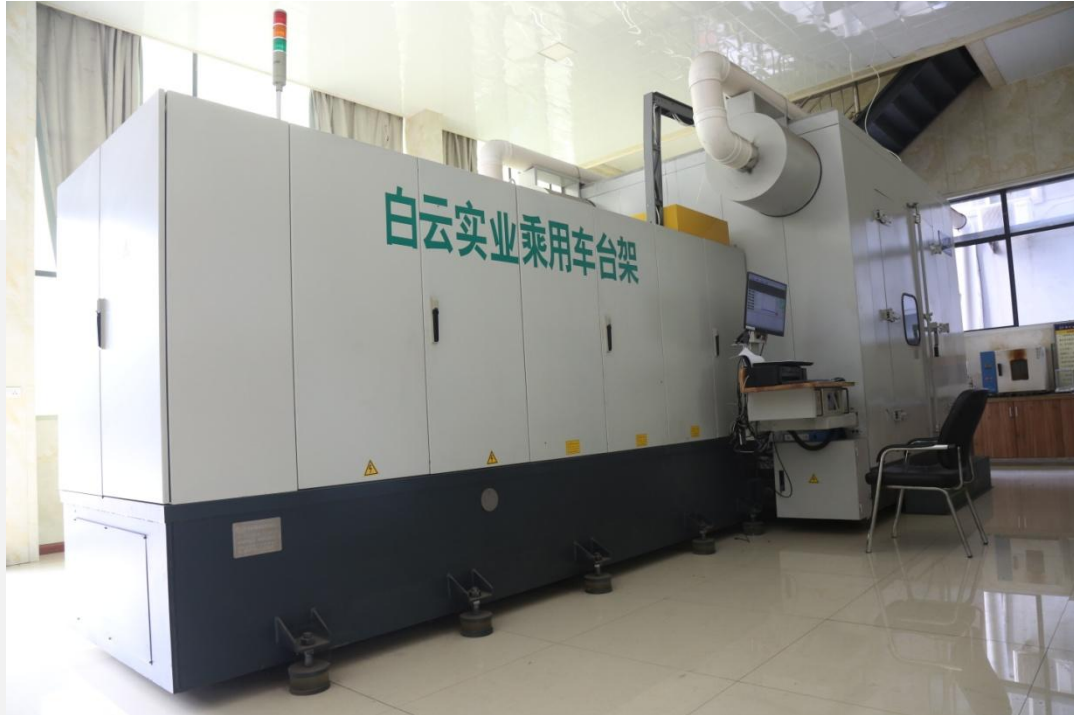
Mr Zhang Jinzhong, former chief engineer of Textar

Mr Shi Yao, senior consultant of China Friction Material Committee



Mr Hu Hai, former chief engineer of Huangshi Saife Friction Material

R&D Cooperation with Changsha Zhongnan Industry University



8000 series Commercial Vehicle
Dynamometer

Passenger Car Dynamometer





Speed



Dynamometer



Shear



Hardness



Impact



Pressure test
Bending test

Internal
shear test



Density
Porosity

生产工艺
Production process

章节
Part 03



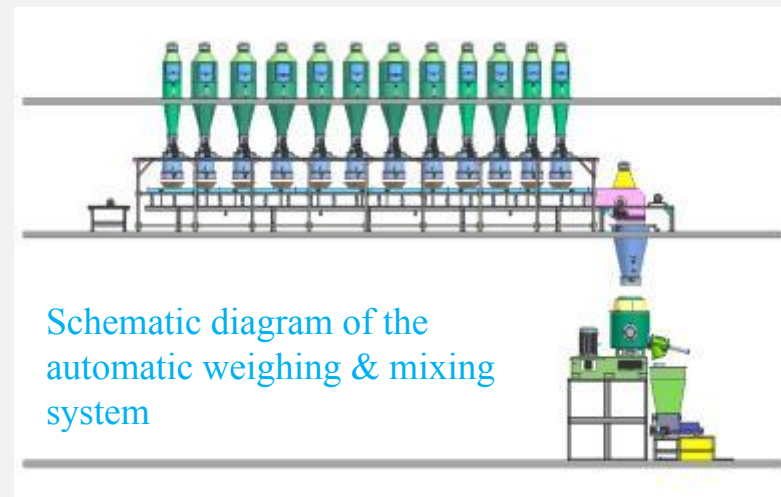
Part 3 Production & Quality Control

Automatic Weighing & Mixing System



Computer automatic control

Adopting the full automatic weighing & mixing system with computer display and control. Before feeding raw materials, there is bar code scanning to avoid wrong material feeding. Weighting, delivery, mixing, separating are all automatic, guarantee the formula quality and reduce labor load.



Schematic diagram of the automatic weighing & mixing system



Equal ratio pressure hot pressing unit

Features:

- Each station's hydraulic and electric controlled separately.
- Each station 4-8 antrum molds are equal ratio pressed. Same density of every pad is guaranteed.
- All process parameters display on screen.
- Real-time online control. Fault & overlimit will result in automatic alarming.



Features:

- 4 stations in one group, each station's hydraulic and electric controlled separately.
- Feeding, weighting, unloading, pressing, catch backing plate, mold release painting, dust purging are all automatic controlled by truss robot.
- All truss robots are automatically control by software. Unattended production is achieved.
- Real-time online control. Fault & overlimit will result in automatic alarming.

Advanced bus brake pad full automatic production line



Advanced heavy-duty vehicle brake linings full automatic production line

Advanced heavy-duty vehicle brake lining full automatic production line



Features:

- Feeding, weighting, unloading, pressing are all automatically produced.
- Articulated robot deliver, feed and spread raw material.
- Mechanical arm unload, deliver, re-weight and arrange the workblank automatically.
- Articulated robot purge dust, paint mold release, put workblank, catch finished material.
- All robots are automatically control by software. Unattended production is achieved.
- Real-time online control. Fault & overlimit will result in automatic alarming.



Professional curing oven for friction material

Features:

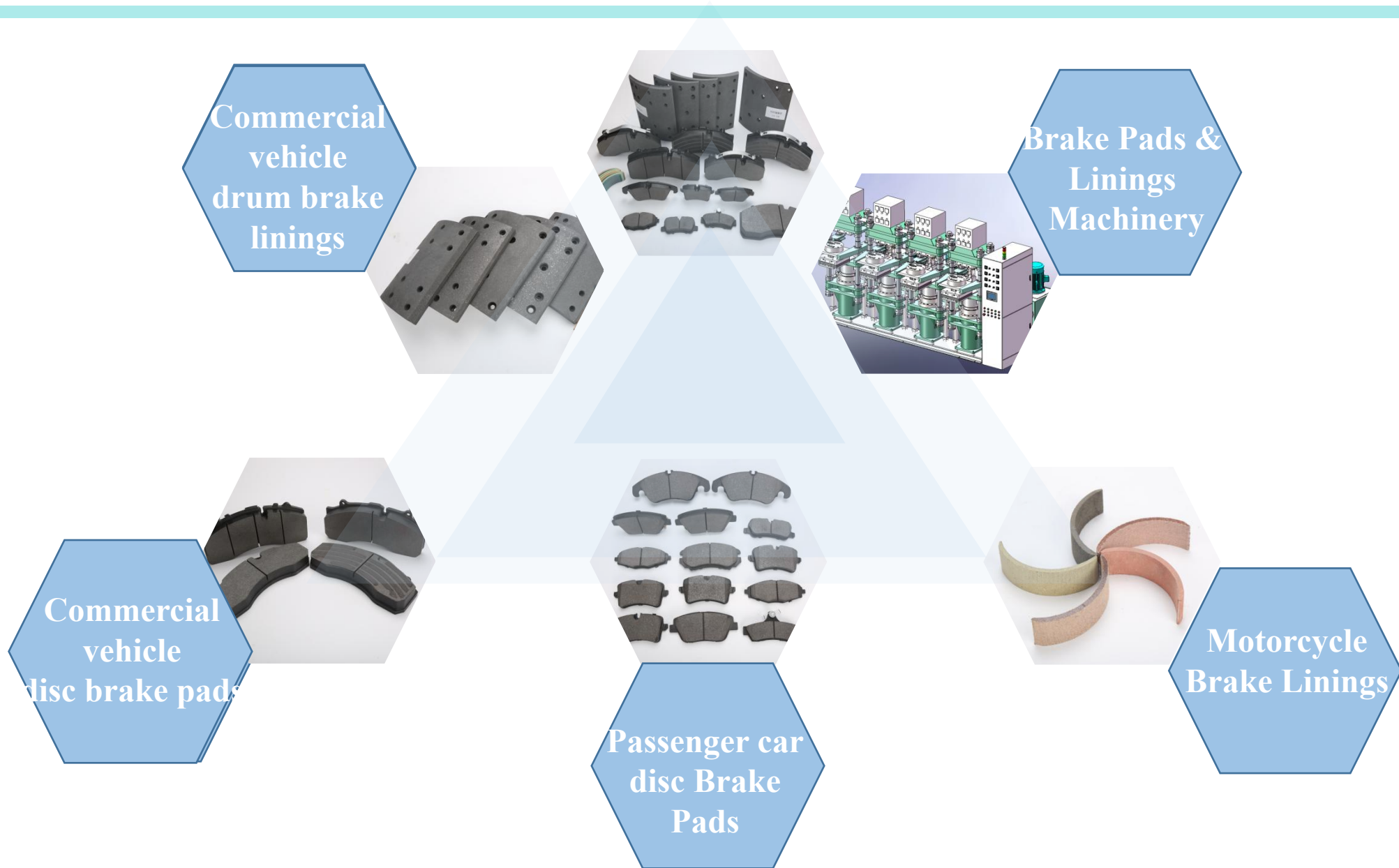
- Intelligent digital display temperature control instrument, PID parameters self-adjusting, solid-state relay. Fully automatic heating temperature control.
- Independent over temperature automatic alarming system
- Real-time supervision, trend chart is done automatically, easy for fault solving.

产品
Products

章节
Part 04



Part 4 Products





Part 4 Products





Part 4 Products

Commercial Vehicle Brake Linings



- High fibre content and high strength materials ensure wear resistance of brake linings
- Brake performance stable in high temperature, suitable for mountain roads.
- Excellent product performance with extremely long service life
- Lower dust, 100% asbestos-free, environmental protection
- Without noise





Part 4 Products

Commercial Vehicle Brake Pads



- Lower dust, lower noise
- Brake performance stable in high temperature with extremely long service life.
- Ceramic formula, braking distance is shorter, excellent braking performance, environmental protection





- Excellent and stable braking performance
- Excellent heat resistance, excellent braking performance in extreme cold and hot climate
- Nearly harmless to the disc, no use to replace the disc often
- No noise, comfortable driving
- Wear resistance, extremely long service life



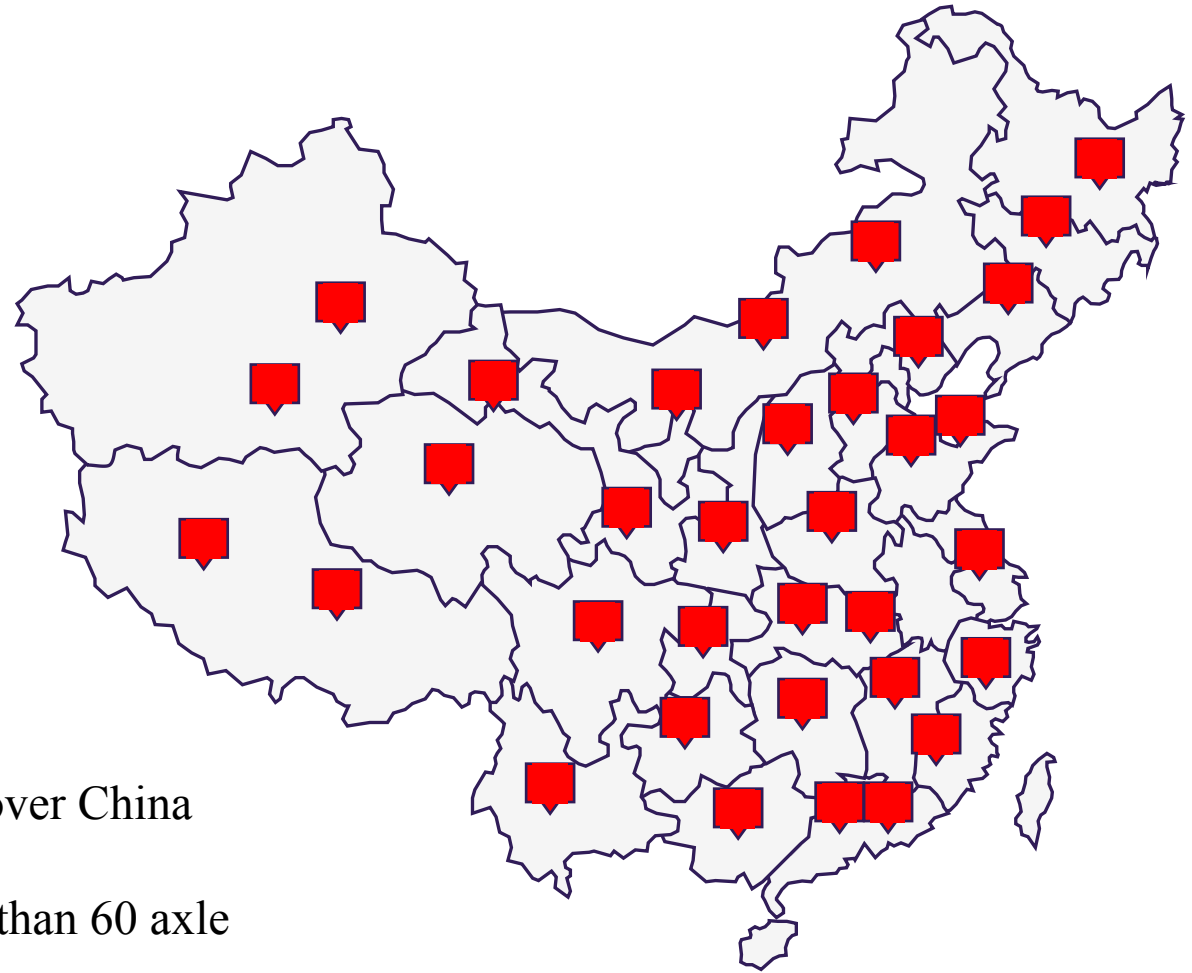
市场
Market

章节
Part 05



Part 5 Clients & Partners

Domestic market



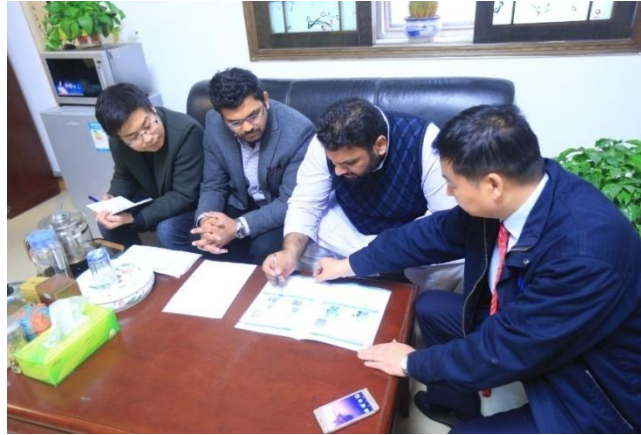
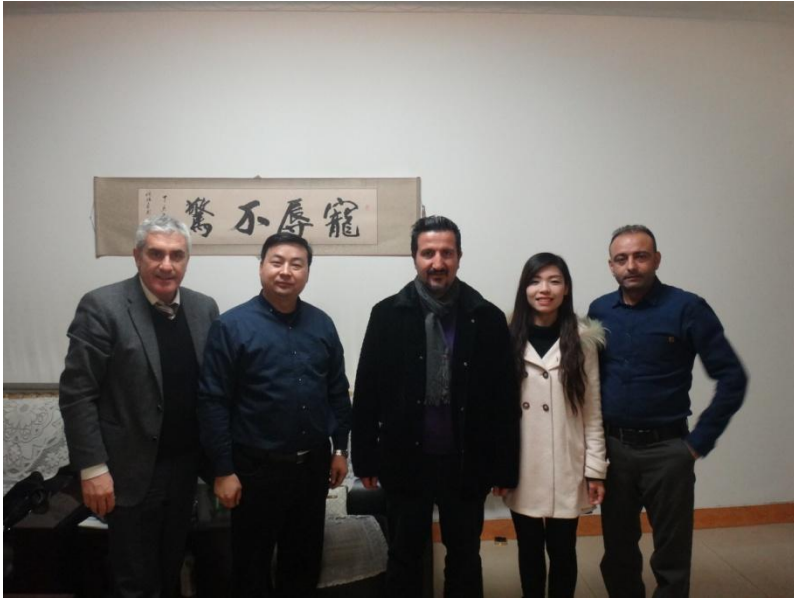
Baiyun Brand agencies & distributors spread all over China Mainland.

Baiyun brake pad& linings are equipped to more than 60 axle companies.



Part 5 Clients & Partners

Overseas market



Baiyun brake pads & linings are exported to more than 30 countries all over the world.



PASSENGER CAR

Fiat Group (Alfa Romeo, Chrysler, Ferrari, Fiat, Lancia) | Ford Motor Company (Aston Martin, Ford, Mazda) | BYD Auto | Chang'an | Chassis Brakes International | Chery | Continental Teves | Dac | Daewoo | Daimler AG (Mercedes-Benz, AMG) | Advics | Akebono | APG-FTE | BAIC Group | BMW Group (BMW, BMW M GmbH, Rolls-Royce) | Brembo | Brilliance | GAC Group | Geely (Geely, Volvo) | GM (Chevrolet, Opel, Vauxhall) | Great Wall | Haima | Honda | JMC | Land Rover | Mando | McLaren | Mitsubishi | Nissin Brake | PSA Group | Qoros | Renault-Nissan (Renault, Nissan, Dacia) | SAIC | Suzuki | Tata | Toyota | TRW | VW Group

COMMERCIAL VEHICLE

DAF | Daimler AG (Daimler, EvoBus Freightliner, Fuso, Mercedes-Benz) | Dana Holding Corporation | Ege Fren | Haldex | Hendrickson | Inver Press | Kamaz | Knorr-Bremse | Knott Group | Krone Group (gigant) | Mack | Meritor | Paccar (DAF, Leyland, Foden) | Schmitz Cargobull | Tuna Stålrör | Valx | Volvo Trucks (RV1, UD Trucks, Volvo) | WABCO | Beinben-Truck | BPW | Brakes India Limited | Wuhan Youfin Auto Parts Co (Youfin) | Yutong | ZF Friedrichshafen



● THANK YOU
谢谢观看

