MINGTAI COMPANY PRESENTATION

09-09-2025

Zhejiang Mingtai Auto Spare Parts CO., LTD.

NEW AREA ENTRANCE



Zhejiang Mingtai Auto Spare Parts CO., LTD.

OLD ENTRANCE



New Area 40000 ㎡ under construction

current factory 24000 ㎡



1、Basical Information

- Established in 2006; located in the Automobile and Motocycle Center of China—Ruian, Wenzhou;
- Own Factory with area over 24000 ㎡； new area 40000 ㎡ under consrtuction
- Main products: Disc brake pads, CV Pads, friction material；
- National high-tech enterprise, provincial technology center, standardized enterprise；
- 5 million sets annual output, including a host supporting line；
- IATF 16949:2016、ISO14001、ISO45001；
- CCC Certificate by China Certification Center for Automotive Products Co., Ltd. Ruian Mayor Quality Award;
- OEM supporting: Dongfeng Mengshi C45, Yutong T7 projects etc.
- 2023 output value 280 million RMB.



02 Aerial View

01 Entrance



03 Office



Respect、Gratitude、Cooperation、Win-win

2、Mingtai History

2005-2006

Incipient Growth

- YIDILI(predecessor brand) founded
- Enter International after sales market
- Ruian Mingtai Auto Spare parts Co., LTD

2007-2016

Hard Working

- Renamed Zhejiang Mingtai Auto Spare Parts Co., LTD
- Deep involvement in the global aftermarket
- All system certifications have been completed

2017-2019

Rapid Development

- Move to new factory
- National High-Tech Enterprises
- Turnover over ＞100 million RMB
- Provincial level R&D center was approved
  Approuved by national high-tech enterprise

2020-Now

Rising Star

- OEM technical team join in
- NVH Dynamometer fixed
- Nanjing University of Technology
- Industry-university-research cooperation
- Dongfeng, Yutong OEM project
- Export volume, scale has reached
- The forefront of Zhejiang Province

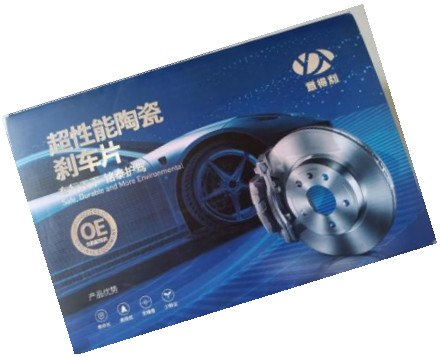
FACTORY BRAND＜＜＜＜

MGI

YDL

ALTA SEGURIDA







3、Product Categories

CORNER MODULE	DISC BRAKE PAD	CV PADS	HEAVY MACHINERY
			

MODIFIED VEHICLES



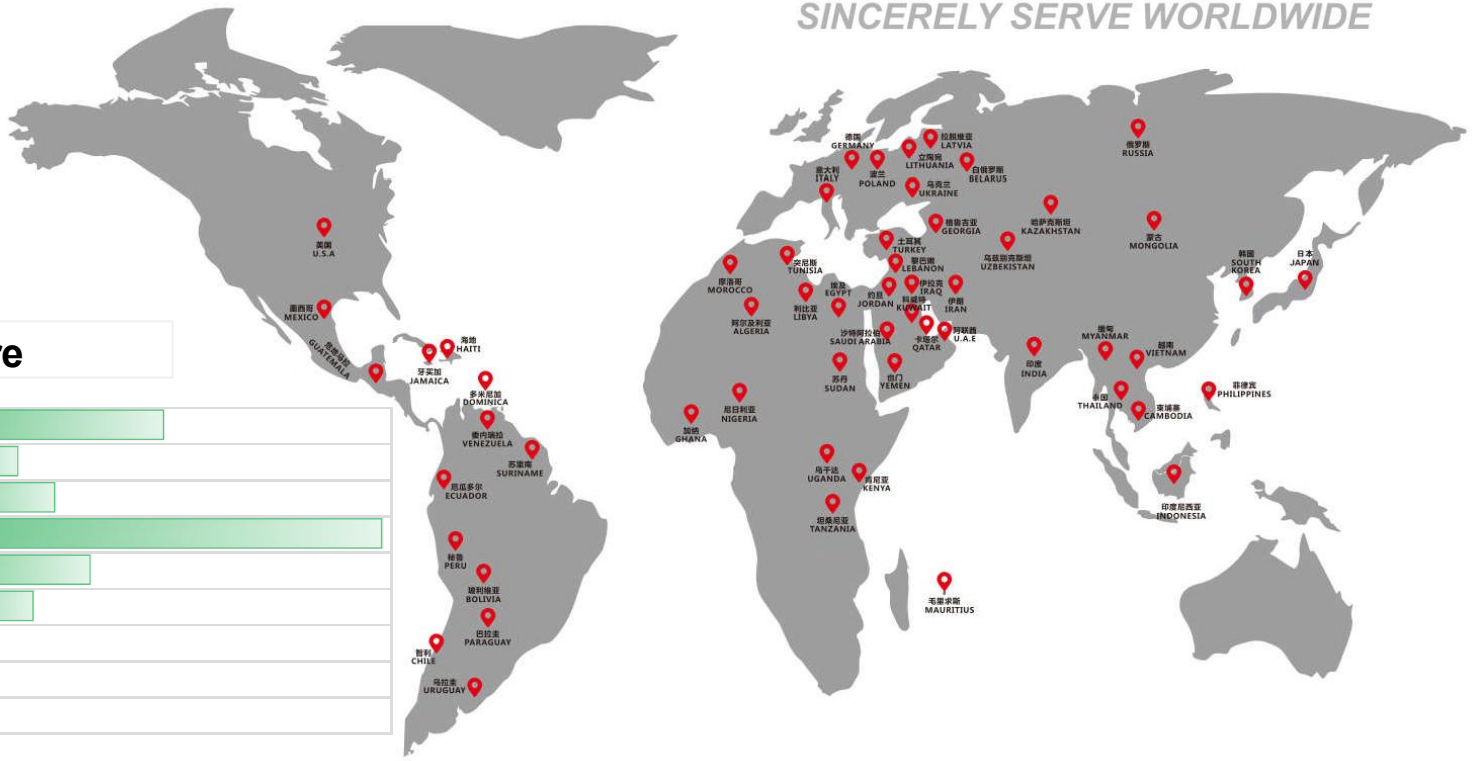





4、Global supplier for brake pads

制动安全专家
精诚服务全球

BRAKE SAFETY EXPERT,
SINCERELY SERVE WORLDWIDE



Market Share

5、Strategic partner：Excellent supplier resources

Number	Product Name	Suppliers
1	Powdered Resin	U.S. SI Group, Sumitomo Group
2	Titanate salt	Japan Otsuka
3	Metal Sulfides	Tribotecc
4	Aramid fiber	Dutch Teijin, Korean Kolon
5	Granular graphite	Japan Showa Denko, Superior Graphite
6	Mineral fibers	Netherlands Lapinus
7	Zirconium silicate	Saint-Cobain, France
8	Metallic fiber	Zhangjiagang Xinli
9	Spraying powder	DuPont China
10	Anti-squeal shim	Sweden Trelleborg
11	Anti-squeal shim	Wolverine USA
12	Friction Powder	Zhuhai Caldera

6、Our Customer

aftersales market

Gates
MAXPART
福建扬腾创新信息科技有限公司
Tigril
C&D 建发集团 | 500

OEM

YOUFIN
YUTONG
DFM
WanQiao
XEV BORN FOR CHANGE
VBTL 芜湖伯特利汽车安全系统股份有限公司 Bethel Automotive Safety Systems Co.,Ltd.
红旗
GEELY

7、OEM project

YUTONG



YUTONG T7



YUTONG CL6



YUTONG 6535





SUNLONG



SUNLONG BUS



SUNLONG SLK663



DONGFENG



HONGQI V506





7、OEM project: New Energy

OEM model: electric vehicle, axle brake





7、EV PADS

OES model: electric vehicle, axle brake



REF No. : MT1904 Front
APPLICATION:VW EV ID:3/4/5 2019-





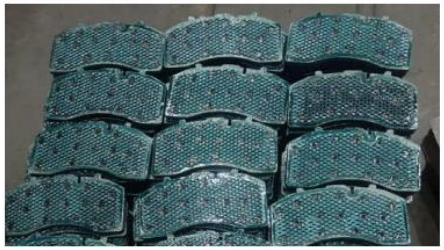
REF No. : MT1178 Rear
APPLICATION:Honda E Electric (ZC7) 2019-



7、HCV pads



- Performance: Safety Regulation FMVSS 121
- Benchmarking: Bendix brand, coefficient of friction and wear



JAPANESE GLUE

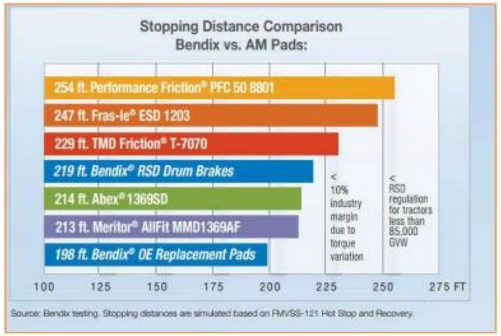
- Leaf mark CERTIFICATION

- Physical properties: bonding strength, shear, hardness, density, acetone extraction



Full OEM Hardware Kits

- Key technologies: wear, high temperature decay, surface coating





- Shear strength per ISO 6312: min 400 N/cm²
- Internal shear strength per ISO 6311: min 8 N/cm²
- Compressibility per ISO 6310
  - Cold compressibility: max 1.00%
  - Hot compressibility: max 2.00%
- Hardness:
  - Typical Rockwell HRR Hardness 90
- Specific gravity: 3.5 g/cm³
- Acetone Extraction: max 0.3%



8、PERFORMANCE PARTS: BIG BRAKE KIT



BMT-T6 AND BMT-T4 WITH PARKING HANDBRAKE KITS



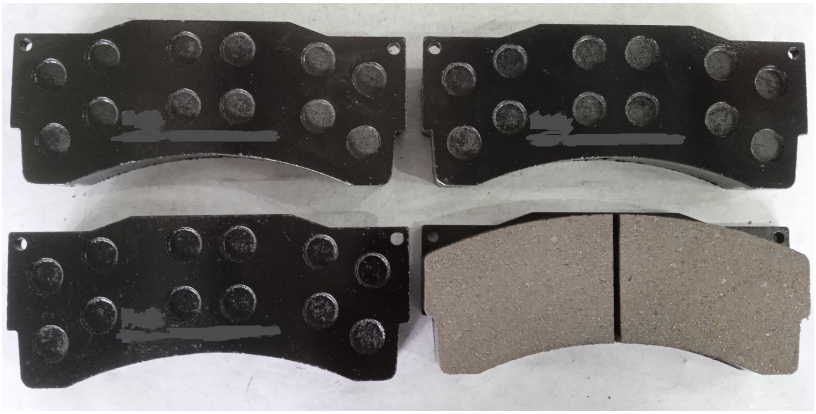


MODIFIED VEHICLE
AND
UPGRADE PARTS

8、PERFORMANCE PARTS: PERFORMANCE BRAKE PADS









KTM RACE ROAD

KARTING

8、PERFORMANCE PARTS: PERFORMANCE FORMULA



STREET TRACK FORMULA CODE MTF2XXX





RACING FORMULA CODE MTF7XXX



9、Qualifications：Certificates and Patents

IATF 16949
Automotive Quality Management System Certificate
汽车质量管理体系认证

ISO 14001
Environmental Management System Certificate
环境管理体系认证

ISO 45001
Occupational Health and Safety Management System Certificate
职业健康安全管理体系认证

FMSI MEMBERS
Mingtai Auto Spare Parts
美国摩擦材料协会会员

HI-TECH
National High-tech Enterprise
国家高新技术企业

CCC
3C

AMECA

E11
E-mark

Leaf mark



SGS 2000/53/EC
ELV GB/T 30512
END-OF-LIFE VEHICLE (ELV) REGULATIONS

MATERIALDATA SYSTEM
CAMDS 中国汽车材料数据系统
IMDS&CAMDS

PICC
本产品由中国人民财产保险股份有限公司
承保产品责任保险
Product Liability Insurance Provided by PICC

SUPPLIERS OF OE ORIGINAL EQUIPMENT 主机配套商
OEM's Solution









Respect、Gratitude、Cooperation、Win-win

9、Qualifications：Certificates and Patents

REGULATIONS、ENVIRONMENTAL REQUIREMENT

Material Summary and Designation

Chemical analysis summary		Method	Average / %	Limit / %	Designation
Cadmium and its compounds	Cd	LINK-3051A/6010C	**0.0008**	0.01	N
Chromium (acid soluble)	Cr	LINK-3051A/6010C	**ND**	note 1	n.a.
Chromium-VI salts	Cr^{+6}	LINK-3060A/7196A	**n.a.**	0.1	N
Lead and its compounds	Pb	LINK-3051A/6010C	**0.0040**	0.1	N
Mercury and its compounds	Hg	LINK-3051A/6010C	**ND**	0.1	N
Asbestiform fibers	—	LINK-600/93/116/PLM	**ND**	note 2	N
Copper and its compounds	Cu	LINK-3051A/6010C	**0.0071**	note 3	N
Antimony	Sb	LINK-3051A/6010C	**0.36**	note 4	n.a.
Nickel	Ni	LINK-3051A/6010C	**ND**	note 4	n.a.
Zinc	Zn	LINK-3051A/6010C	**0.30**	note 4	n.a.

SAE J866:2012 material designation: N

Elemental Analysis with Individual Results

		Detection limit		test 1 106274-2-1		test 2 106274-2-2		test 3 106274-2-3		average	
Chemical Analysis Summary		mg/kg	%w/w	mg/kg	%w/w	mg/kg	%w/w	mg/kg	%w/w	mg/kg	%w/w
Cadmium and its compounds	Cd	4.0	0.0004	8	**0.0008**	8	**0.0008**	8	**0.0008**	8	**0.0008**
Chromium (acid soluble)	Cr	40.0	0.0040	ND	**ND**	ND	**ND**	ND	**ND**	ND	**ND**
Chromium-VI salts	Cr^{+6}	50.0	0.0050	n.a.	**n.a.**	n.a.	**n.a.**	n.a.	**n.a.**	n.a.	**n.a.**
Lead and its compounds	Pb	40.0	0.0040	41	**0.0041**	ND	**ND**	ND	**ND**	40	**0.0040**
Mercury and its compounds	Hg	4.0	0.0004	ND	**ND**	ND	**ND**	ND	**ND**	ND	**ND**
Copper and its compounds	Cu	40.0	0.0040	71	**0.0071**	72	**0.0072**	71	**0.0071**	71	**0.0071**
Antimony	Sb	40.0	0.0040	3649	**0.365**	3539	**0.354**	3623	**0.362**	3604	**0.36**
Nickel	Ni	40.0	0.0040	ND	**ND**	ND	**ND**	ND	**ND**	ND	**ND**
Zinc	Zn	40.0	0.0040	3018	**0.302**	3006	**0.301**	2993	**0.299**	3006	**0.30**

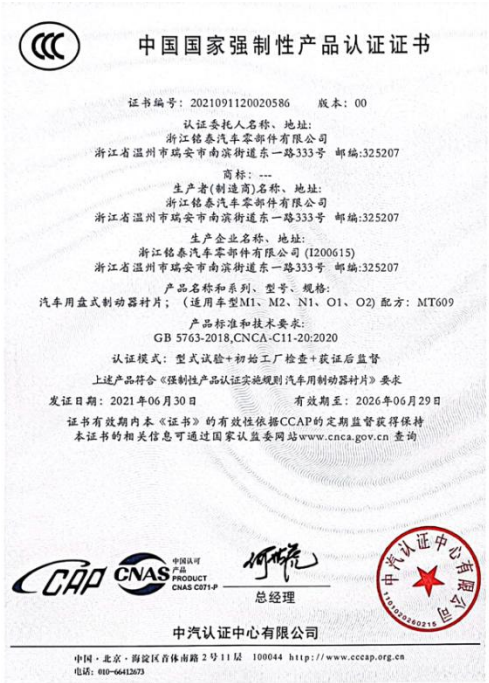
Asbestos Detection with Individual Results

		Detection limit	test 1 106274-2-1	test 2 106274-2-2	test 3 106274-2-3	average
Asbestos Method Summary		%	%	%	%	%
Asbestiform fibers (PLM)	—	0.1	ND	ND	ND	ND
Asbestiform fibers (TEM)	—	n.a.	n.a.	n.a.	n.a.	n.a.

NOTES
1: no limit specified
2: 0.1% for PLM. If detected by PLM, the quantity is verified by TEM
3: A = n.a.; 0.5 < B ≤ 5; N ≤ 0.5
4: for reference only for WA

LEGENDS:
*: marks an element with an average content above the stated limit
n.a.: not applicable (or not measured) for the tested material
ND: Non Detected. Actual value is below the measurable value
%w/w: percent by weight per measurement method for a particular element

3C、ELV、ASBESTOS FREE、COPPER FREE



中国国家强制性产品认证证书

证书编号：2021091120020586　　版本：00

认证委托人名称、地址：
浙江铭泰汽车零部件有限公司
浙江省温州市瑞安市南滨街道东一路333号 邮编:325207

商标：---

生产者(制造商)名称、地址：
浙江铭泰汽车零部件有限公司
浙江省温州市瑞安市南滨街道东一路333号 邮编:325207

生产企业名称、地址：
浙江铭泰汽车零部件有限公司 (I200615)
浙江省温州市瑞安市南滨街道东一路333号 邮编:325207

产品名称和系列、型号、规格：
汽车用盘式制动器衬片；（适用车型M1、M2、N1、O1、O2）配方：MT609

产品标准和技术要求：
GB 5763-2018,CNCA-C11-20:2020

认证模式：型式试验+初始工厂检查+获证后监督

上述产品符合《强制性产品认证实施规则 汽车用制动器衬片》要求

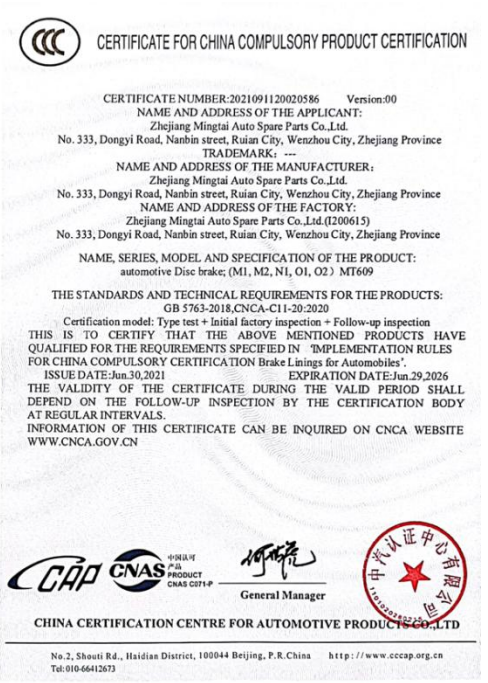
发证日期：2021年06月30日　　有效期至：2026年06月29日

证书有效期内本《证书》的有效性依据CCAP的定期监督获得保持
本证书的相关信息可通过国家认监委网站www.cnca.gov.cn 查询

总经理

中汽认证中心有限公司

中国·北京·海淀区首体南路2号11层 100044 http://www.cccap.org.cn
电话：010-66412673



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NUMBER:2021091120020586　Version:00
NAME AND ADDRESS OF THE APPLICANT:
Zhejiang Mingtai Auto Spare Parts Co.,Ltd.
No. 333, Dongyi Road, Nanbin street, Ruian City, Wenzhou City, Zhejiang Province
TRADEMARK：---
NAME AND ADDRESS OF THE MANUFACTURER：
Zhejiang Mingtai Auto Spare Parts Co.,Ltd.
No. 333, Dongyi Road, Nanbin street, Ruian City, Wenzhou City, Zhejiang Province
NAME AND ADDRESS OF THE FACTORY:
Zhejiang Mingtai Auto Spare Parts Co.,Ltd.(I200615)
No. 333, Dongyi Road, Nanbin street, Ruian City, Wenzhou City, Zhejiang Province

NAME, SERIES, MODEL AND SPECIFICATION OF THE PRODUCT:
automotive Disc brake; (M1, M2, N1, O1, O2) MT609

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS:
GB 5763-2018,CNCA-C11-20:2020
Certification model: Type test + Initial factory inspection + Follow-up inspection
THIS IS TO CERTIFY THAT THE ABOVE MENTIONED PRODUCTS HAVE QUALIFIED FOR THE REQUIREMENTS SPECIFIED IN 'IMPLEMENTATION RULES FOR CHINA COMPULSORY CERTIFICATION Brake Linings for Automobiles'.
ISSUE DATE:Jun.30,2021　EXPIRATION DATE:Jun.29,2026
THE VALIDITY OF THE CERTIFICATE DURING THE VALID PERIOD SHALL DEPEND ON THE FOLLOW-UP INSPECTION BY THE CERTIFICATION BODY AT REGULAR INTERVALS.
INFORMATION OF THIS CERTIFICATE CAN BE INQUIRED ON CNCA WEBSITE WWW.CNCA.GOV.CN

General Manager

CHINA CERTIFICATION CENTRE FOR AUTOMOTIVE PRODUCTS CO.,LTD

No.2, Shouti Rd., Haidian District, 100044 Beijing, P.R.China　http://www.cccap.org.cn
Tel:010-66412673

Material Summary and Designation

Chemical analysis summary		Method	Average / %	Limit / %	Designation
Cadmium and its compounds	Cd	LINK-3051A/6010C	**0.0008**	0.01	N
Chromium (acid soluble)	Cr	LINK-3051A/6010C	**ND**	note 1	n.a.
Chromium-VI salts	Cr^{+6}	LINK-3060A/7196A	**n.a.**	0.1	N
Lead and its compounds	Pb	LINK-3051A/6010C	**0.0040**	0.1	N
Mercury and its compounds	Hg	LINK-3051A/6010C	**ND**	0.1	N
Asbestiform fibers	—	LINK-600/93/116/PLM	**ND**	note 2	N
Copper and its compounds	Cu	LINK-3051A/6010C	**0.0071**	note 3	N
Antimony	Sb	LINK-3051A/6010C	**0.36**	note 4	n.a.
Nickel	Ni	LINK-3051A/6010C	**ND**	note 4	n.a.
Zinc	Zn	LINK-3051A/6010C	**0.30**	note 4	n.a.

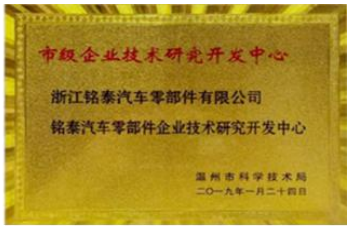
SAE J866:2012 material designation: N

9、Qualifications：Certificates and Patents











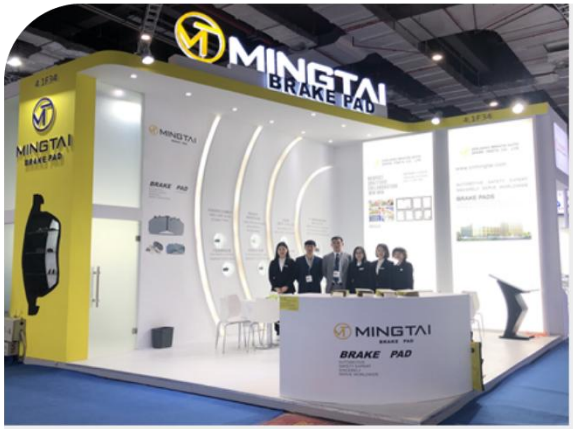


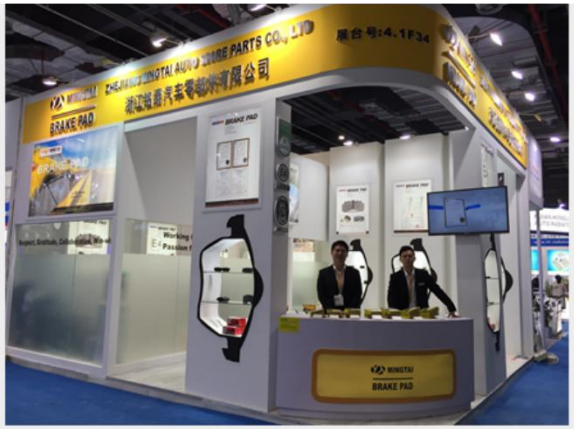




Respect、Gratitude、Cooperation、Win-win

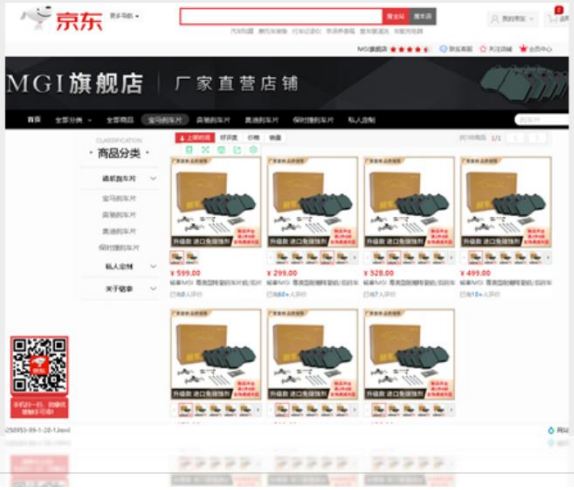
10、Exhibitions and platforms













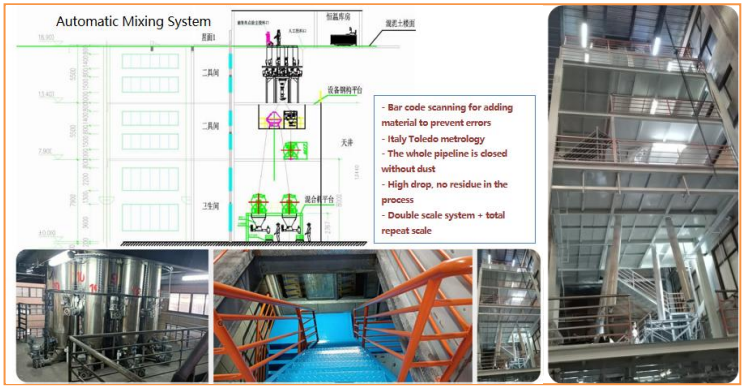
Respect、Gratitude、Cooperation、Win-win

10、Key equipment and facilities

Temperature and humidity controlled storage system



Automatic Mixing System



Robot Pressing Machine



Single-cylinder and single-cavity equal ratio press,Robot whole-process automation
Error proofing for barcode scanning and feeding,Four station, independent control

Automatic Mixing System



10、Key equipment and facilities



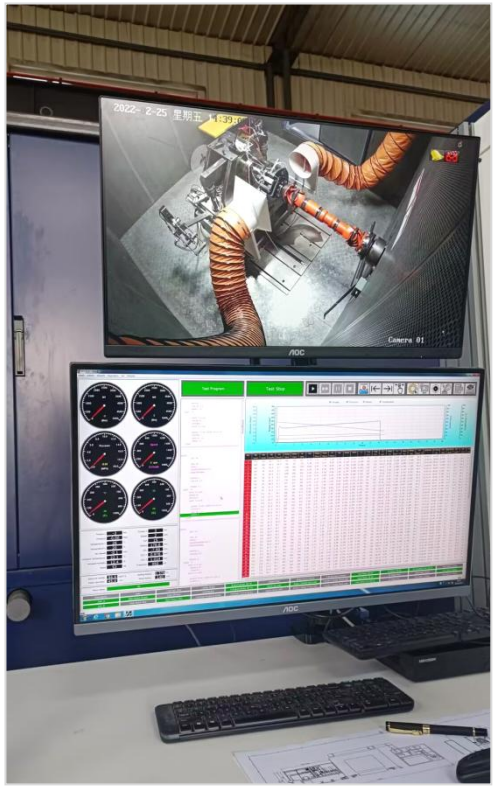
NVH TEST MACHINE (INCLUDE DTV TEST FUNCTION)







10、Key equipment and facilities





NVH DYNAMOMETER (WITH DTV)、 SHEAR TEST MACHINE、 COMPRESSIBLITY TESTER

11、Technology and Development

配方应用评分

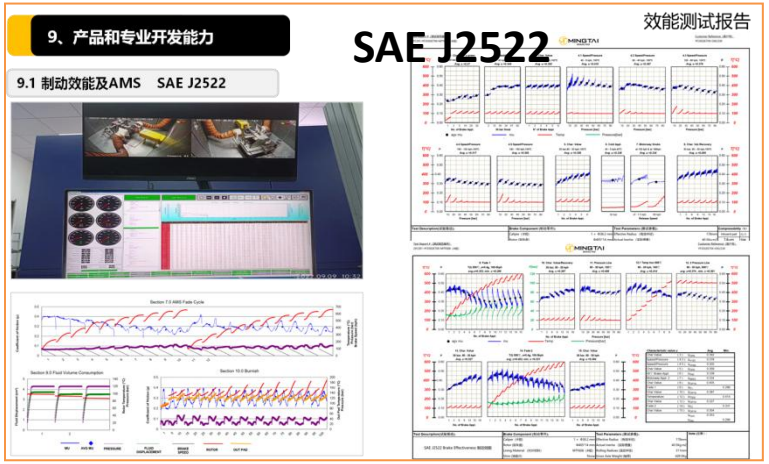
Fomulas Application Score

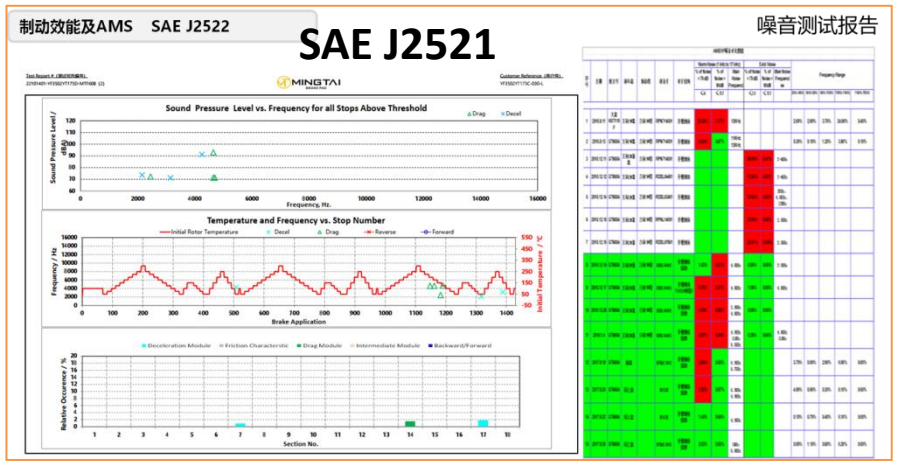


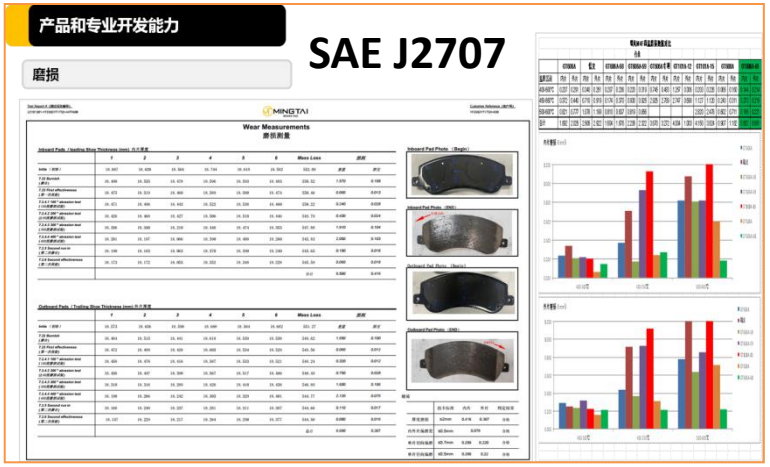
配方系列 Formulas	MTF 1XX	MTF 2XX	MTF 6XX	MTF 5XX	MTF 8XX	MTF 7XX
Application 应用	Duty Heavy Brake 重载制动	High u 高摩擦系数	NAO For Passenger Car 轿车应用	NAO Cu&Sb Free 无铜无锑	Commercial Vehicle 大巴	Racing Car 改装车
Material Type 材料类型	Semi-metallic 半金属	Low-Metallic 低金属	NAO	NAO	Low-Metallic 低金属	Low-Metallic 低金属
制动效能 Braking Output	8.5	9.0	8.5	8.0	8.5	9.5
抗热衰退 Heat Fade	7.5	8.5	7.5	7.5	8.0	9.0
噪音表现 Noise	8.0	8.5	9.0	9.0	8.0	7.5
对偶磨损 Rotor Wear	7.5	7.5	8.5	8.5	8.0	7.5
耐磨性 Pad Wear	8.5	8.0	8.5	8.5	7.5	7.5
清洁 Clean	8.5	8.0	9.0	9.0	8.0	8.0

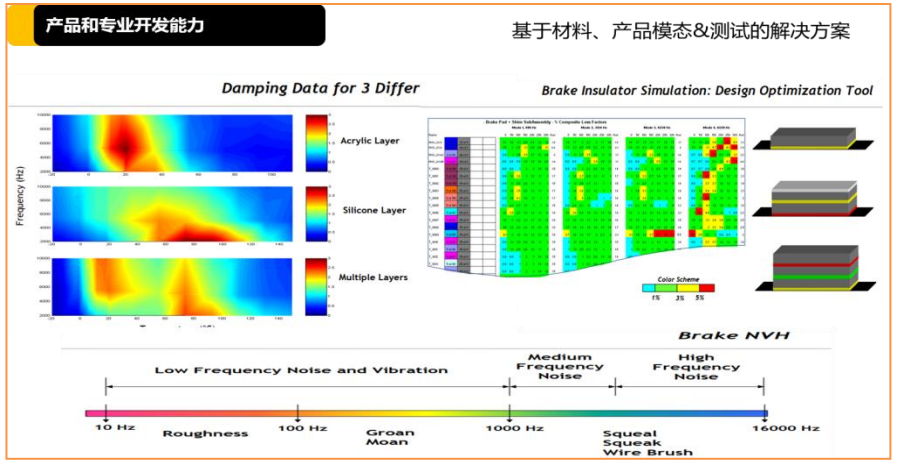


11、Technology and Development









Respect、Gratitude、Cooperation、Win-win

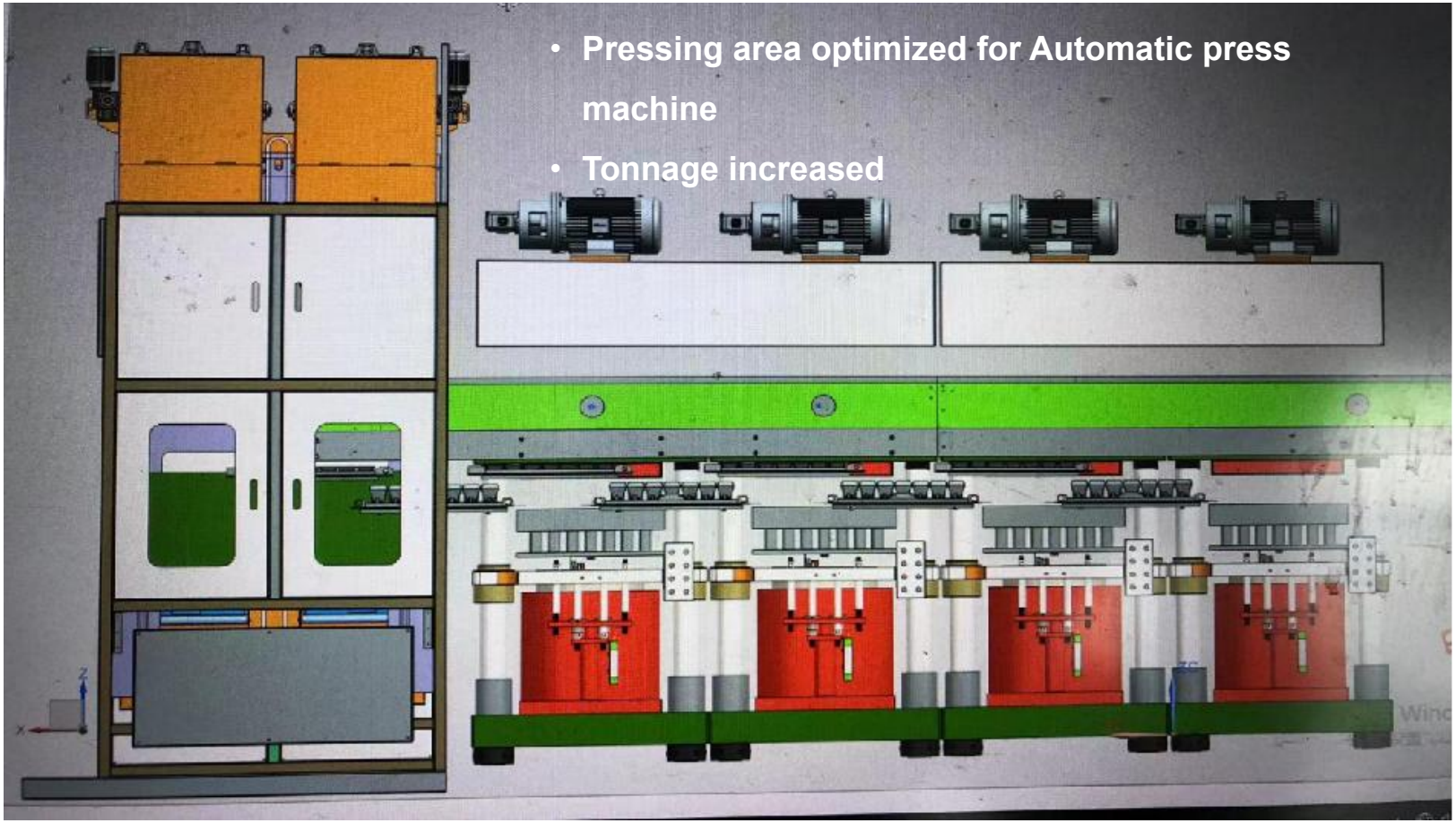
12、Annual continuous improvement: Automatic Weighing Machine





- Add 20 Automatic Weighing Machine
- Add Base Material Setting（Optional）

12、Annual continuous improvement: Fully-Automatic Press Machine

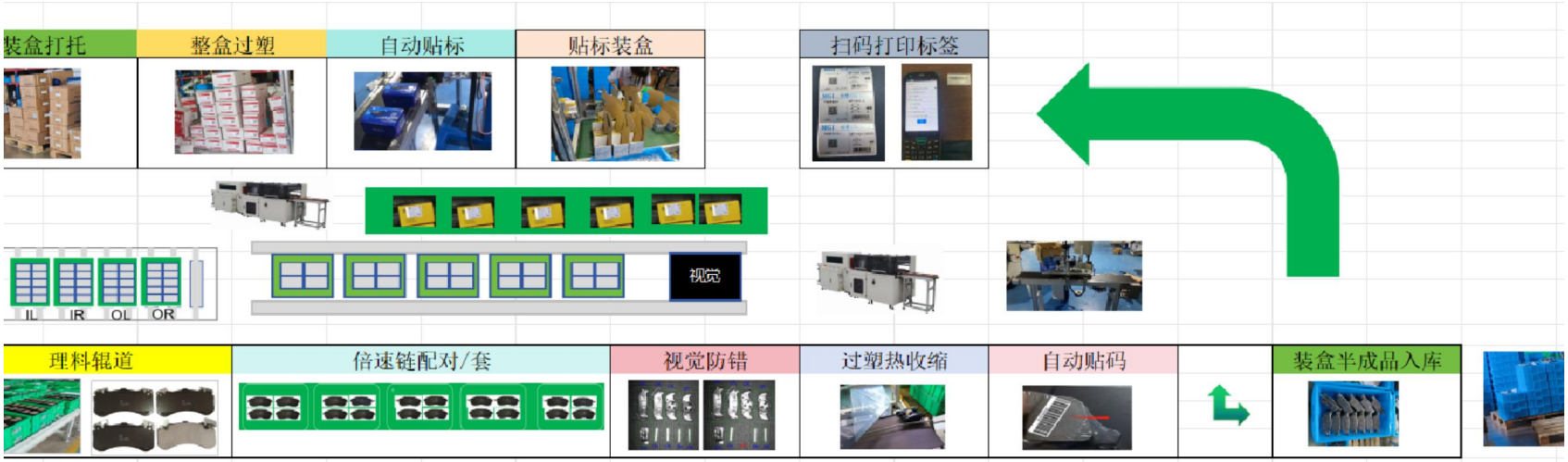


12、Annual continuous improvement: Automation Application



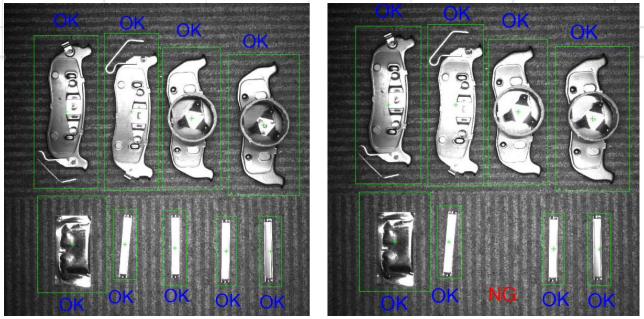
- **Automation Transfer procedure**

12、Annual continuous improvement: Packing Line Anti-Error Application





Enhanced Assembly chain



Visual Scanner



Barcode Label

CONTACT US

Contact Person : Francky

E-Mail: Marketing2@cnmingtai.com

Mobile Phone: +86 138 0680 9601(Wechat/Whatsapp)

TEL: +86 577 65115333
FAX: +86 577 65116678

Website



Wechat



Whatsapp





Thanks !

END