



Compay Presentation 2024

WENZHOU LIBANG ENTERPRISE CO.,LTD



VERSION No.202210

LBN Brief Information

Company Profile

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Management Improvement 2022

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LBN ADVANTAGE

Aluminum Foundry Equipments

Manufacturing Equipment

Comprehensive Inspection Center

Top marketing Service Experience

LBN Development & Certification

R & D Process for Auto Brakes

Manufacture Process for Auto Brakes

Quality System Certification

Products show



Focus on Brakes System since 1997 over 25 years experience !



01

LBN Brief Information

Compay Profile

LBN History

Human Resource

Market & Product Line Proportion



WENZHOU LIBANG ENTERPRISE CO.,LTD

Established in: December 1997

Area: 26640m²

Employees: 530

2023 Annual Turnover: US \$45million

Main Product & Main Market:

Auto brake caliper -- for OEM/OES market and Aftermarket of Europe, US and Asia



Wenzhou libang Cojo auto parts Co., Ltd

Area: 23000m²

Employees: 230

2023 Annual Turnover: US \$18million

Main Product: Brake Cylinder & Booster
& Hydraulic Bearing

LBN

GROUP



Zhejiang Libang Hexin Automotive brake system Co., Ltd

Established in: June, 2006

Area: 42000m²

Employees: 680

2023 Annual Turnover: \$150million

Main Product: Auto Brake caliper, EPB caliper, auto brake system

Main Market: Domestic OEM market in China



Jiangsu Jurui Vehicle Technology Co., Ltd

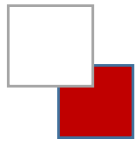
Established in: June, 2021

Area: 37000m²

Employees: 240

Main Product: Auto Brake caliper, EPB caliper, auto brake system

Main Market: Aftermarket and OES market of Europe, US and Asia



LBN History

In 2015, LBN Group achieved turnover RMB 1 billion, and planed to go public .and After that LIBANG renamed LIBANGHEXIN ,estalished AM plant .

Since 2016 , LBN inverst more talent and Money to R&D automatic brakes and lbootser system ,and exhibited in SHA Auto International show and was awards by customers .

In December 2009, our company restructured assets of company and established LBN Group, and began Group operations.

In August 2012 , LBN successfully developed EPB caliper and mass production .And Annual production capactiy is 100Kpcs in the following years .

2002-2006

In May 2002 LBN setted up the Auto brakes Dep., and started to design and produce auto brake caliper system for Domestic OE Market .and export auto brake caliper to Europe and Us since 2005.

In June 2006,established branch company , named Zhejiang Libang Hexin Brake System Co., Ltd. to take charge of the development, production and sale of auto disc brake for the domestic OE market.

1997

In December 1997 ,Wenzhou libang enterprise was built .and was Specilized in R&D and Manufacturing disc brake of the motorcyle and supplied for OE domestic market

2009-2012

2014-2015

In November 2014, Wenzhou Libang Enterprises co.,ltd build the new plant , and expand our production capacity for the bicycle , motorcycle and auto aftermarket.

In October 2015, LBN Group build the R&D center in Shanghai Qingpu, in order to develop product for the future market, and attract talent

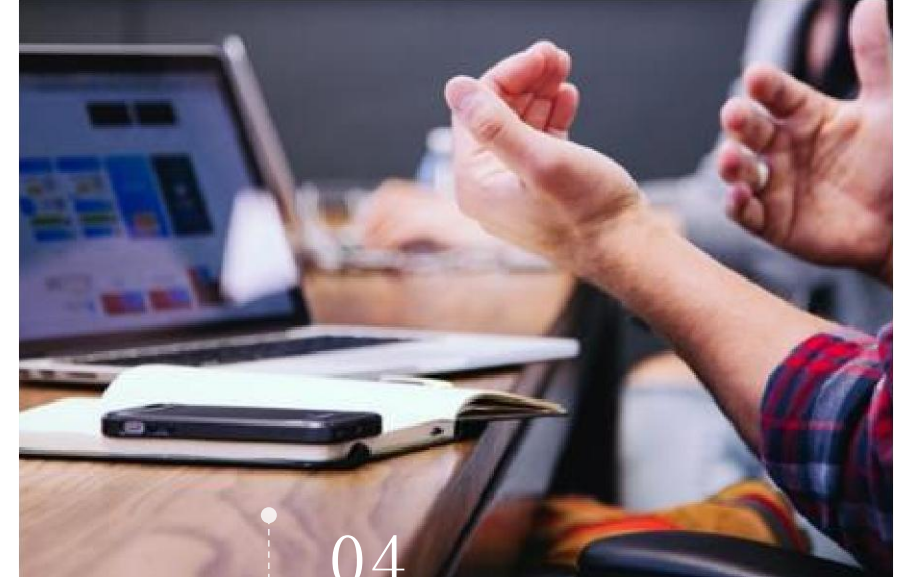
2016-2018

2019-2022

In October 2019, Wenzhou Libang Hexin Automotive Parts Co., Ltd. officially changed name to Wenzhou motron technology Co., Ltd.
In 2021, jiangsu jurui Vehicle Technology Co., Ltd was established in Jiangsu, increasing the production capacity of auto calipers and motorcycle products. .

Improve the Management System

- MES Production System
- WMS Warehouse System
- PLM Technical and Engineer System
- ERP Officer Management Soft Upgrade
- FCS Customer System



More Professional ,high Efficiency



Marketing Data about 2021 and New prospect

- **Gourp Sales Amount reached \$100 Million**
- **Auto Brakes Caliper Project Sales Amount reached \$50 Million**

01.

OEM Project
takes up
\$34 Million
InChinese
Market

02.

AM Project
takes up
\$16 Million

03.

LBN Built the
OEM business
of Oversea
client in
2022

04.

The Oversea OE
project sales
will increase
\$18
million in 2023



02

LBN ADVANTAGE

Aluminum Foundry Equipments

Manufacturing Equipment

Comprehensive Inspection Center

Top marketing Service Experience

Aluminum Foundry Equipments

Automatic Aluminum liquid treatment with the melting, deaerated , slagging heat retaining function

Automatic Titled Gravity casting machine Line

Main products : Automotive Aluminum brake caliper , AL, steering knuckle

Advantage : Control the cast time ,high efficiency (2 cavities) stable cast quality



Aluminum Liquid Holding furnace with the heating retaining ,deaerated slagging and movable function

Aluminum Foundry Equipments

Automatic High pressure Cast machine

Main products : bicycle hydraulic brake caliper ,motors handles ,etc

Advantage : full –automatic Melting ,heat retaining , casting machine



Automatic pouring equipment

Product stability, production efficiency, pass rate, cost control, etc. have brought significant improvements

Aluminum Foundry Equipments

Central Melting Production Line



Automatic pouring
equipment



Automated truss
production line equipment



Continuous heat treatment
production line

Aluminum Foundry Equipments



01

- ✓ Blast and Polish machine
- ✓ 2 Sets rolling blast machine
- ✓ 2 Sets hanging blast machine

02

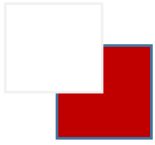
Brake caliper
Sand Core
Machine



03

Heat heat
treatment (T-6)
Furnace
Improve
material
physical
performance





Aluminum Foundry Test Equipments

Spectrometer
Made in Swiss land
Analysis Al Raw material
chemical composition



**Material Physical
Strength Test**



YXLON - MU2000X X-Ray detector
(225v)
Made in Germany
Function : Inspect the inner structure
quality control



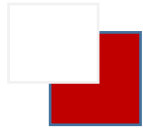
Micro Scope
Analysis the components of
the material



Advantage II. Manufacturing Equipment - Machining Workshop

- More than 200 sets CNC machines totally
- 20 machining line for Auto brakes (casting & bracket)
- 5 sets 5 Axes imported from Germany ,Swissland
- Monthly capacity: 150K pieces,
Max capacity: 200K pieces





Painting and Cleaning Workshop - Colorful and Personalized Caliper



**Automatic ultrasonic
Cleaning Line with
deoiling , Cleaning ,
drying and oxidizing
function.**



**Automatic painting
Line with High
product volume
ability.**



Assembly Workshop

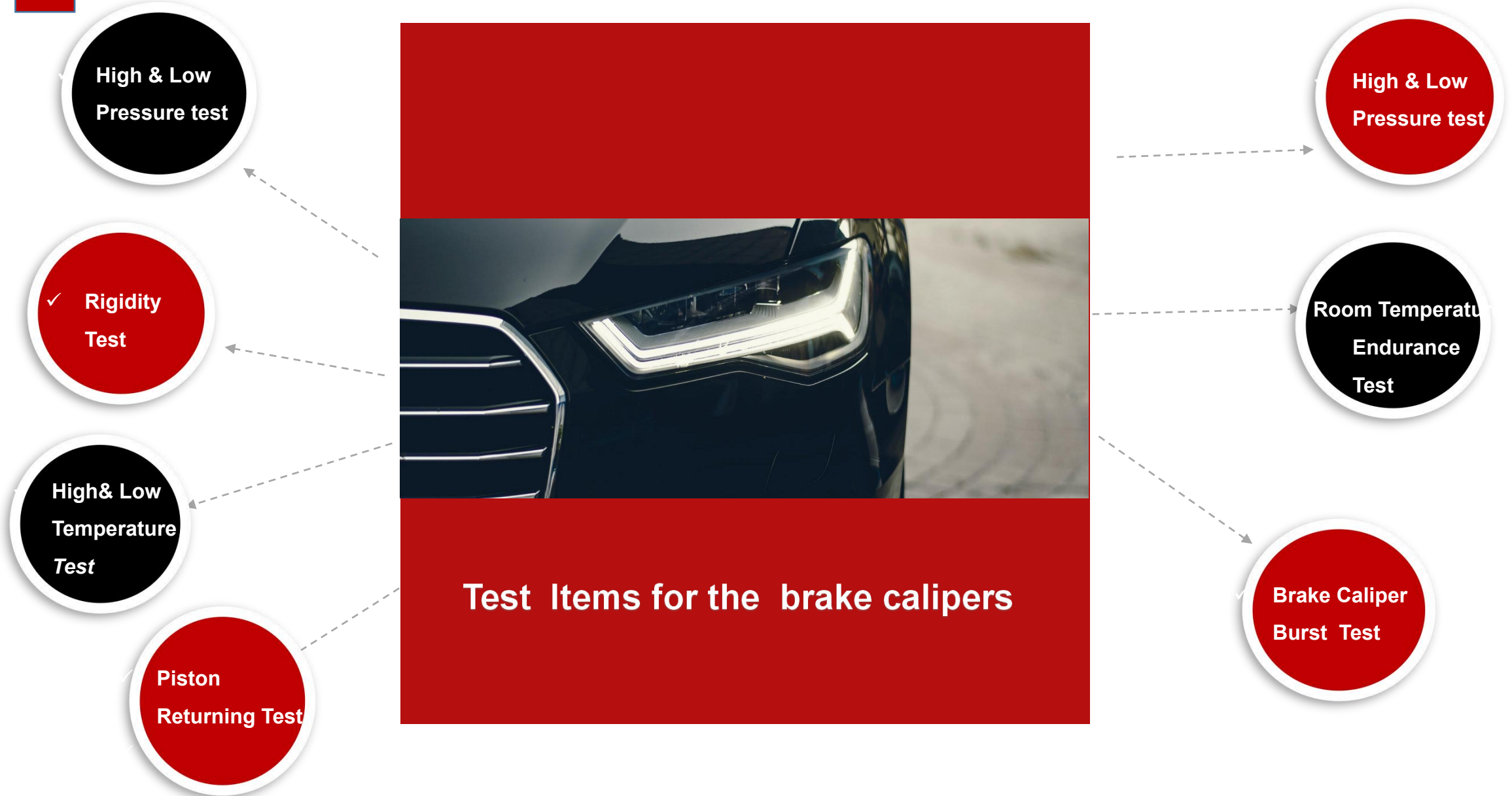


➤ No dust Assembled Room

➤ Automatic Assembled Line with Inspection set



Advantage III - Comprehensive Inspection Center



Test Center – Basic Measure test



Data treatment multifunctional Show

- 1.Origin :china
- 2.Function: test size of high-precision shaped type
- 3.Precision:0.0001mm
4. Note: This equipment is Specially designed to measure spare parts' shape size.



CMM

- 1.Origin :USA
- 2.Function: Detection of spatial dimensions
- 3.precision:0.005mm
4. This equipment is specially designed to measure some space size, high-precision size and type site size of machining brake caliper and bracket



Advantage III - Comprehensive Inspection Center



High& Low Temperature *Testing* Machine
(Temperture Range under -40°C-120 °C) After

Dynamic Test // Bench Test

Parking Brake Cable Force Test

Endurance Actuactor Test Under Room Temperture

Advantage IV - Top marketing Service Experience



We Are Here



**Main market :
US ,Europe and
South East**

**OEM ,OES,
Aftermarket**



03

LBN Development and Certification

R & D Process for Auto Brakes

Manufacture Process for Auto Brakes

New Production Lines

Quality System Certification

R & D Process for Auto Brakes

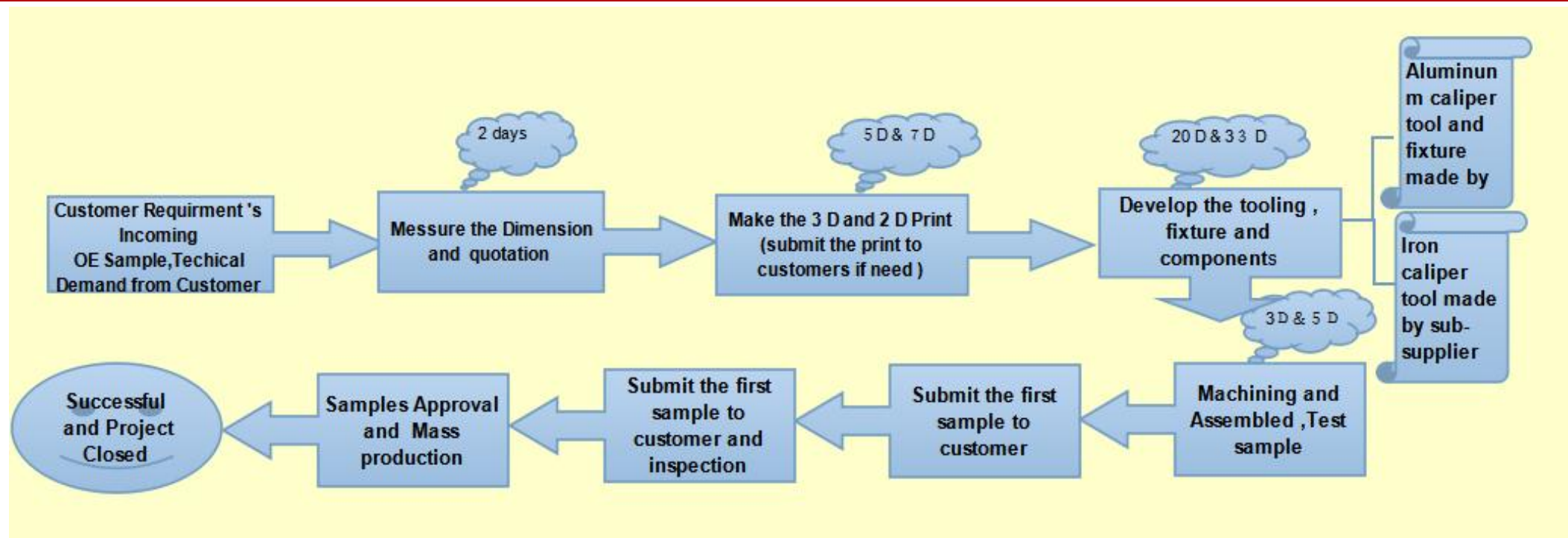
R & D Lead-time : Front Caliper 45days

Rear Caliper 45-55days

EPB Caliper 60 days

R&D Process

Master Cylinder 45days



Manufacture Process for Auto Brakes

Production Lead-time

Front Caliper 35days

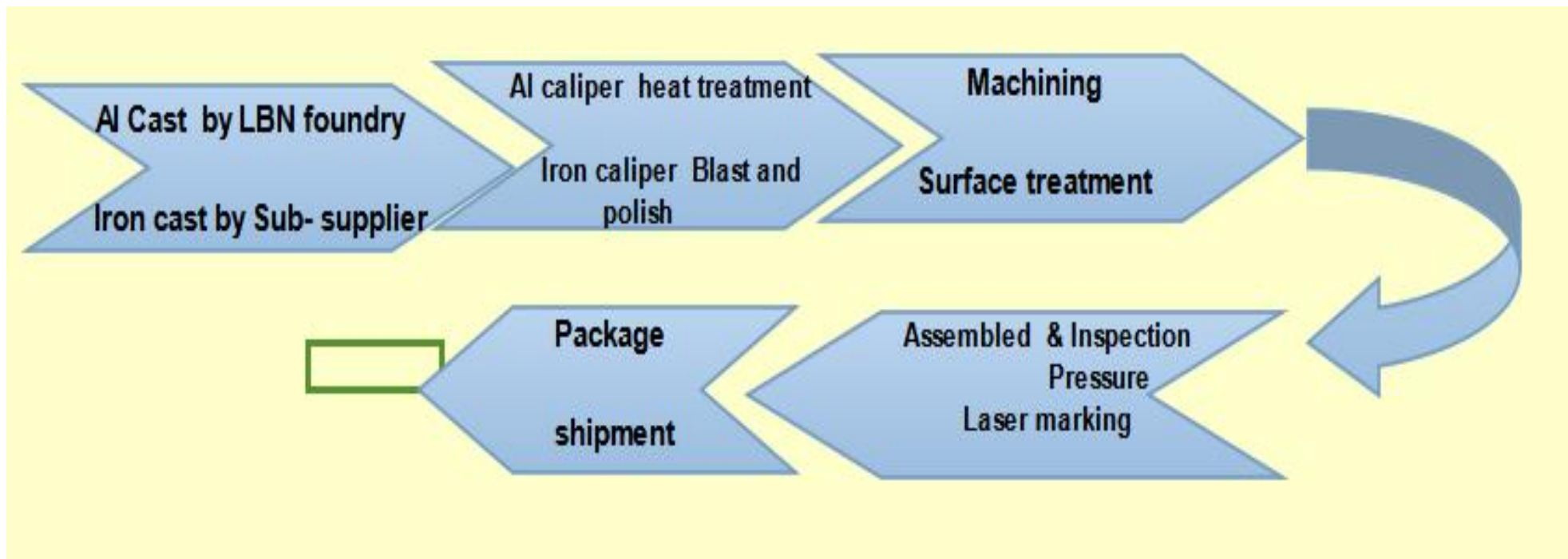
Rear Caliper 45 days

EPB Caliper 50 days

High Performance Caliper 40days

Master Cylinder 50days

Products Process



Automobile Brake Caliper

Regular Caliper



Brake kit



EPB



Automobile chassis-brake series



Automobile Chassis - Steering Series



Quality System Certification - IATF 16949:2018



▼ LBN had passed the new audit by NQA in August

▼ New Version IATF 16949 Certificated updated in October 2023

▼ ISO14000 /ISO18000 is going on Certificated



**Thank you for
Watching**