

## WE WALK ALONGSIDE THE WORLD

Name of speaker:

Speaker position:

Contact information:

Date:

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# To be the industry's best cost-effective solution provider with leading technology

- China Patent Excellence Award in 2021
- Guangdong Provincial Government Quality Award
- Guangdong High-tech Enterprise
- Awarded Forbes Asia's Best Under A Billion in 2018
- The first batch of Guangdong enterprises to be granted the title of "National Hi-tech Corporation".

Leading Enterprise of Foshan National High-tech Zone in 2020

Key Enterprise of Strategic Emerging Industry in Guangdong

Molding Machinery Industry in 2021

Guangdong Top 500 Enterprises in 2019

Chinese Most Innovative Companies Top 50 in 2016

Province in 2018 (Intelligent Manufacturing)

National Postdoctoral R&D Center and Academician Workstation were established

Top 2 on Competitive Enterprises List of China Plastics Injection

Advanced Enterprise in Science and Technology Innovation in 2019

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# PART 1 Overall Strength

1 / Strategic Goal

2 / Global Operation

3 / Development Potential

4 / Rapid Development



## Strategic Goal



We are dedicated to enabling Chinese equipment manufacturing technology to keep pace with the top firms in the world, creating better user experience and investment return for customers worldwide



We are determined to become a world-class enterprise in the industry



We wish to become a long-lasting enterprise with effective operations, efficient management and excellent culture, of which the employees are proud and to which social respect is showed



China Gaoli Headquarter and Factory

## **Global Operation**

#### $600000\,m^2$

600000 m² of total world-wide manufacturing floor space

#### 6

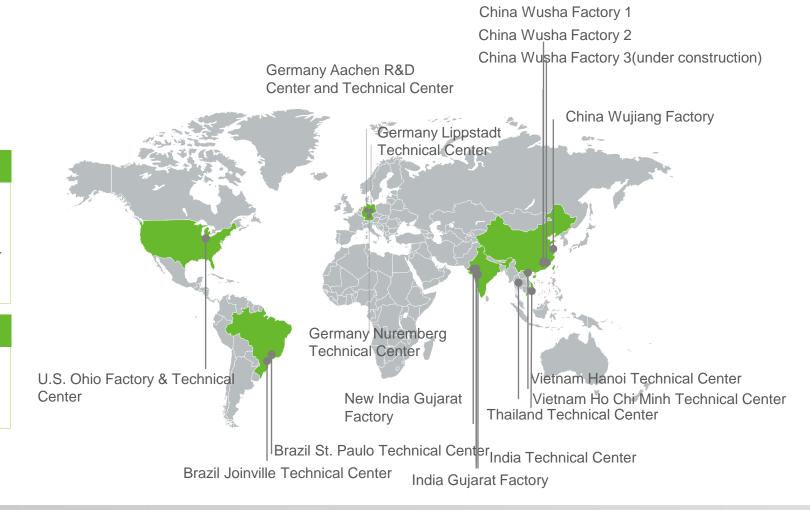
Established six overseas subsidiaries in Germany, the United States, India, Vietnam, Brazil and Thailand.

#### 70+

Owns over 40 global sales and service representatives, business covers over 70 countries and regions

#### 3000+

Over 3,000 employees globally

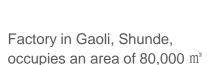




## **Global Operation**



**China Gaoli Headquarter** and **Factory** 



Main Projects:
Die Casting machines,
Thixomolding machines and inhouse manufacturing of key
components



**China Wusha Factory 1** 

Factory in Wusha, Shunde, occupies an area of 81,000  $\ensuremath{m^{2}}$ 

Main Projects: Injection molding machine production



**China Wusha Factory 2** 

Factory in Wusha, Shunde occupies an area of nearly 92,000 m²
Main Projects:
Producing all-electric machines, high speed packaging systems, rubber machines and molding technology



**China Wusha Factory 3** 



**China Wujiang Factory** 

Factory in Wujiang, Suzhou occupies an area of 33,000 m<sup>2</sup>

Main Projects:
Producing two-platen injection
molding machines, robotic
automation systems and additive
manufacturing technologies, etc.

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## **Global Operation**



#### **U.S. Ohio Factory & Technical Center**

Ohio, United States occupies an area of 28,327 m² Main Projects: Sales & Customer Services incl. spare parts, HPM products manufacturing, technology display, equipment training



#### **India Gujarat Factory**

Ahmedabad, India occupies an area of 8,775 m² Main Projects: Production and sales of injection molding machines



#### **New India Gujarat Factory**

Gujarat, India occupies an area of 81,000 m² Main Projects: Intelligent equipment and injection molding machine production



#### **Germany Aachen R&D Technical Center**

Alsdorf, Germany

Main Projects: Additive manufacturing, special application of polymer processing and R&D of other application processes, sales and technical services of die casting machine, Thixomolding, rubber injection machine, SpaceA 3D printing, etc.



## **Germany Nuremberg Technical Center**

Nuremberg, Germany Main Projects: Sales and technical service of injection molding machine and its auxiliary automatic equipment



#### **Vietnam Technical Center**

Bac Ninh, Vietnam

Main Projects: Sales and technical
service of injection molding machines
and its auxiliary automatic equipment



#### **Brazil Technical Center**

Joinville, Santa Catarina
Main Projects: Providing sales and
technical services of injection molding
machine and automatic peripheral
equipment



#### **India Technical Center**

Pune, India
Main Projects: Providing sales
and technical services of die
casting machine and automatic
peripheral equipment



## **Germany Lippstadt Technical Center**

Lippstadt, Germany
Main Projects: Sales and
technical service of injection
molding machine and its auxiliary
automatic equipment

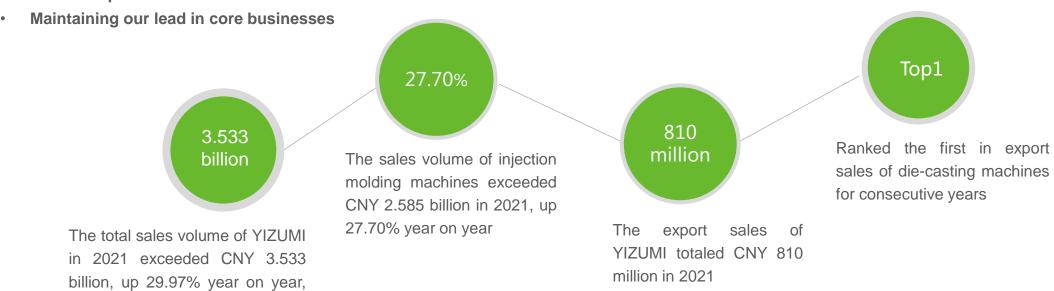


## **Development Potential**

- Continuous steady growth in all business divisions
- Steady growth in overseas markets
- Attractive potential in all business divisions

maintaining a steady growth for

four consecutive years





## Rapid Development



YIZUMI Precision Machinery Co.,Ltd. was founded

Rubber Injection Machine Division was established



High-speed Packaging System Division was established



Factories in Wujiang, China put into operation

2002

2009

2013

2004

Die Casting Machine Division was established



2011

YIZUMI acquired HPM Company and established Technical Center in North America



2014

Robotic Automation System Division was established





## Rapid Development



Went public successfully. YIZUMI became China's first molding equipment manufacturer listed on ChiNext



2016

YIZUMI India Gujarat Factory was founded





U.S. Ohio Factory went into operation



Held the first advantaged molding technology connect meeting





YIZUMI Vietnam Company was founded



YIZUMI broke ground on its Global **Innovation Center** 



New Indian Gujarat Factory started construction



YIZUMI intelligent factory started construction

2019

2021

2018

Awarded Forbes Asia's Best Under A Billion



2020

YIZUMI Germany and YIZUMI Brazil were established

The project of YIZUMI Wusha high-end intelligent equipment industrial park was launched





Germany Aachen R&D Won Guangdong Provincial Center and Technical **Government Quality Award** 

2017



Center was set up



# PART 2

# Connect Advanced Molding & Casting Technology Between China and Europe

- 1 / International Talents
- 2 / Global Innovation Platform
- 3 / Global Cooperation



## **International Talents**

### **155**

R&D investment in 2021 reached nearly CNY 155 million, up 21.49% year on year



### 700+

Organize overseas research and development teams with over 700 technical specialists



### 250+

Obtained more than 250 patents



\*As of April 2022



### International Talents



**Dr.-Ing.Hans Wobbe**YIZUMI Chief Strategy Officer

Dr. Wobbe has more than 40 years of experience in plastics machinery industry. He was CTO of Austria ENGEL and Technical Director of Germany Krauss Maffei.

Now He is responsible for YIZUMI's global strategy and product development, strongly driving innovation.



**Stefan Fritsche**YIZUMI Die casting & Metal forming Chief Strategy Officer

As an expert of European die-casting industry with 35 years of experience, Stefan Fritsche held a variety of management positions in the die casting industry in Europe, Asia and North America. His experience includes positions in leading companies such as Schaufler Tooling (Managing Director), DGS Druckguss Systeme AG and Georg Fischer (Business Development & Operations Management) as well as Buhler AG (Sales and Market Management)

Now He is in charge of global operation and product development of YIZUMI's die casting division.



## Global Innovation Platform

#### **YIZUMI Global Innovation Center**

The center has been put into use by the end of 2021. The innovation center offers an ideal platform to cooperate with global technology leaders, institutions and universities.

New, innovative technologies will be turned into cost effective and sustainable applications and solutions for our customers world-wide.

R&D Multifunctional Building

Lecture Hall New Materials and Processes Test Center









### Global Innovation Platform

#### **YIZUMI Germany Aachen R&D Center and Technical Center**

Located in Alsdorf near Aachen, YIZUMI Germany is focusing on additive manufacturing, special applications of polymer processing, Thixomolding technology as well as other lightweight and multi-material application technologies, etc.

The proximity to RWTH Aachen allows to maintain the excellent relationship built up over the past years.



The Campus of RWTH Aachen University



YIZUMI Germany Aachen R&D Center and Technical Center



### Global Innovation Platform

## Product and Process Application Center (die casting and metal molding)

YIZUMI invested more than CNY 10 million in establishing product and process application center. It can offer a great platform for customer casting trials, small series productions, die sampling as well as die casting process development and die casting process training.

Being intimately familiar with all aspects of the die casting process enables YIZUMI to utilize it's know how to develop and establish highly productive die casting solutions for our customers and provide training on a high level for the benefit of the die casting industry.

Test

Training

Innovation

Display





## **Global Cooperation**

YIZUMI strives to connect global technology leaders and organizations with the goal of harnessing innovative know how to innovate and provide the best cost-effective solutions to our world-wide customers.



Prof. Dr. Christian Hopmann, the president of IKV, Plastics research institute, RWTH Aachen university, in technical exchange activities



































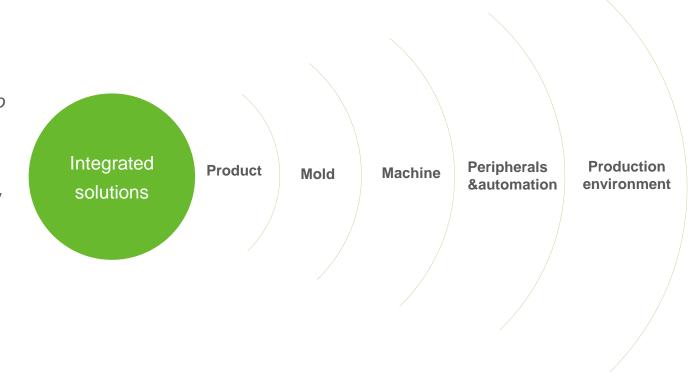
# PART 3

## **Integrated Solutions**

- 1 / Polymer Molding, Casting and Metal Forming Solutions
- 2 / New Tech Customized Solutions
- 3 / Intelligent Manufacturing Solutions



"For our customers we strive to provide customized, integrated solutions including machines, process application, automation, mold, intelligent service, production environment, etc."





Injection Molding
Application Solutions

High-speed Packaging System Application Solutions Rubber Injection

Molding Application

Solutions



SpaceA Flexible
Additive Manufacturing
System



Die casting Application Solutions



Thixomolding
Magnesium Lightweight Solutions



Efficient, Integrated
Manufacturing
Automation



























#### Injection molding application solutions

Product Lines 11 product lines, including two-platen injection molding machines, all-electric injection molding machines, multi-component injection molding machines, high-end general-purpose injection molding machines and several special-purpose injection molding machines

Application

Automotive, household appliances, 3C electronics, packaging, medical treatment, daily necessities, etc.

#### **Key statistics**

Top 2

Top 2 comprehensive strength enterprises of China Plastics Machinery Industry/ 70,000

More than 70,000 injection molding machines in operation globally

100+

Product ranges up to 31, more than 124 technology patents





#### **High-speed packaging system application solutions**

Product Lines Products include PAC series hydraulic high speed machine, hybrid and full electric high speed machine, high-speed PET preform injection molding system, injection molds for packaging.

Application

Food packaging, beverage packaging, medical consumables

#### **Key statistics**

#### Leading

One of the leading companies in the field of high-speed injection molding

#### Innovation Rated as a

Rated as a
Technologically
Advanced Small
Enterprises and
obtained a number of
technical patents

2.15

PacPro solution shortens the production cycle with 2.1s





#### **Rubber injection molding solutions**

Product Lines

7 product lines, including Asian standard line, European standard line, energy industry line, Cframe lines, horizontal lines, compression lines, customized solutions



Automotive, energy industry, electronic industry, railway transportation, medical care, household appliances

#### **Key statistics**

TOP 2

Top two in Chinese rubber injection molding machine market

Draft two national standards in rubber injection molding industry Grasp the key technology of the special-purpose machines in the energy industry and reach the world-leading level





## Additive Manufacturing

#### **SpaceA Additive Manufacturing System Solutions**

Product Model SpaceA 900

SpaceA 900E

SpaceA 1100

SpaceA 2000

SpaceA 2000-Hybrid



Automotive, E-mobility, sporting goods, household appliances, furniture

#### **Key statistics**

Won the 2019 European SPE automotive innovation award The first application solution was adopted by the German space agency
(Arena Project)





#### Die casting application solutions

Product Lines

5 product lines, including HII-S series cold-chamber DCM (180-5000T), LEAP series cold-chamber DCM (300-5000T), large-tonnage series (over 6000T) and hot chamber DCM (zinc alloy and magnesium alloy series).



Automotive, E-vehicles, Urban mobility, 3C electronics, household appliances, Aerospace, rail transit, motorcycle, etc.

#### **Key statistics**

Ranks among the best in Chinese die casting market

#### TOP 1

The total export sales volume ranks first in China for consecutive years

Involved in the draft of Cold-chamber DCM and other national standards





Statistics according to China Customs

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#### **Thixomolding solution**

Product Line Thixomolding semi-solid magnesium alloy injection molding machine



3C electronics, digital cameras, laptops, new energy vehicle structural components, structural components of urban mobility, automotive interior applications

#### **Key statistics**

The first 1250T
Thixomolding
machine was
delivered to the
German client
HETTICH

"Servo control semisolid magnesium alloy high-speed injection molding machine" won 19th China Patent Awards of excellent "UN650II semi-solid magnesium alloy injection molding machine" won the third prize of Guangdong Science and Technology





#### Robotic automation system application solutions

Product Series

- 1. Die casting automation solutions——intelligent die casting cell, die casting robot, grinding workstation
- 2. Rubber & plastic automation solutions——injection molding automation, rubber injection molding automation
- 3. General industrial automation solutions—material loading/unloading, casting, welding, stacking
- 4. Industrial data services Yi CMS, Yi MES, data acquisition gateway,marking and tracking systems

Application

Automotive, motorcycle, household appliances, communication, 3C, medical treatment, education, etc.

#### **Key statistics**

#### Innovation

"HPDC Extraction and Inserting Integrated Solution" won the innovation title of die casting industry in 2020

Won the best industry application of The Capek Prize (2018-2019)

Rated as the first
batch of leading
intelligent
manufacturing service
agency in Jiangsu
province

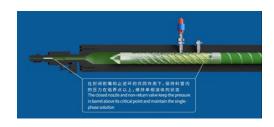




#### New technology and process customization

#### FoamPro+DecoPro

Microfoaming injection molding + decorative surface



#### **DirectPro**

Long fiber direct injection molding



#### ReactPro

Polyurethane reaction injection molding integrated solution



#### **DCIM**

Direct compounding injection molding solution





#### FoamPro + DecoPro Micro-Foaming Injection Molding + Surface Decoration

#### Customer value



30% reduction in product weight



Reduce molding cycle by up to 20%



Reduce clamping force by up to 50%



Reduce shrinkage and warping



Improve dimensional accuracy
Better surface quality

Replacing the traditional twostep process at low cost Customized
material: aluminum
foil, wood foil,
leather, and fabric,
etc.

#### Application



Automotive industry



Packaging industry



Electrical/ Electronics



Office equipment



Footwear industry (sole)



Consumer goods



#### **DirectPro Long fiber direct injection molding**

#### Customer value



Save 50% on DIM raw material cost



Retain over 5mm fiber length in the product



Adjust fiber length and content based on requirement

#### Application



Automobile Industry (dashboard frame)



Automobile Industry (hatch gate frame)



Household appliance (Washing machine drum)



Building pallet



Logistics (packing crate)



Furniture industry; (theater seats)



#### ReactPro Polyurethane reaction injection molding integrated solution

Customer value

#### Superior to traditional spray coating process

- One-step molding, high efficiency
- Improved yield
- Low energy consumption
- Reduced Logistics

- Low investment cost
- Environmentally friendly
- High quality product

#### Diverse surface design

- Metallic effect
- Piano black
- Matte effect
- scratch-resistant
- 3D depth
- Transparent varnish
- Soft-touch
- Self-healing

Application



Transparent surface coating of trim



Soft-touch surface



Automobile body trim



#### **Direct compounding injection molding solution**

Customer value



CO<sub>2</sub> reduction across the whole value chain



Ideal for bio-based and biodegradable polymer processing



Perfect for circular economy and recycling



Reduce production cost and shorten development cycle

Application













## **Intelligent Manufacturing Solutions**

## YIZUMI industrial Internet platform Yi<sup>+</sup> Platform

Adopts cloud computing, big data, The Internet of Things, 5G and other new generations of ICT technology, providing intelligent manufacturing solutions for effective production





- Foshan Digital Intelligent Demonstration Factory in 2021
- Guangdong 5G+ Industrial Internet Iconic Project in 2021
- Outstanding industrial internet APP solutions selected by MIIT in 2021
- State Information Security Certification Grade Two in 2020
- Enterprise of Industrial Internet Ecological Supply Resource Pool in Guangdong Province in 2019
- Key Enterprise of Strategic Emerging Industry in Guangdong Province in 2018 (Intelligent Manufacturing)



## Intelligent Manufacturing Solutions

#### **Smart Production**

**Condition Monitoring System** 



Data acquisition

Equipment monitoring

Process monitoring

Production data

Preventive maintenance

Remote maintenance

#### **Intelligent Execution System**





#### **Smart Service**

AR remote diagnosis

One-click repair

Remote training

AR display

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## PART 4. Customer Service and Responsibility

- 1 / Industry Application Experience
- 2 / Global Standardized Services
- 3 / Corporate Social & Environmental Responsibility



With our extensive experience in advanced molding and casting solutions, we are your reliable partner.

### Automotive industry partners (Examples)













































RLL













































# Packaging industry partners (Examples) Berry・Pio PLAJAX P





### 3C electronic communication industry partners (Examples)

HUAWEI	vivo	加 Xiaom.com	Lenovo	TP-LINK
oppo	FOXCONN°	다 legrand°	<b>TenPao</b>	<b>ZFRD</b>
ZTE中兴	TECHNO GROUP	ABB	所SU新海宜 NEW SEAUNION	SunningdaleTech
安居宝 AN;U3AO	SJTECH Co.,Ltd.	<b>eadence</b>	SAKURA TECH	COTRAN
	<b>7</b> Tyco Electronics	<b>L</b> a legrand <sup>®</sup>	ABtechnology Intigating MANACTURING SOLUTIONS	与 面 集 团 HENOTONG GROUP





### Household industry partners (Examples)







### Medical industry partners (Examples)

























### Toys/Consumer goods industry partners (Examples)













































### Building material industry partners (Examples)















































### Power supply industry partners (Examples)



































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### **Pre-sales**

Workshop planning
Equipment configuration schemes
Product process planning
Enterprise financing schemes



### Sales

Professional installation and commissioning
On-site operation training



YFO (YIZUMI Factory Outlet),
outlet mode ensures quick
response and competent
Technical service and assistance,
to our customers

\*Service performance may vary in different markets



24-hour hotline available for 365 days, with nearly 200 maintenance experts ready to respond to our customers demand

We conduct service rating certifications for YFO engineers and have a strict regulation for service standards which benefits our customers

Set up customer records and provide consulting and support services through our Follow-up calls scheme Follow-up scheme Regular 24/7 on-site inspection YFO-based service 6 Premium service **Elements** Rating Spare parts certification service Training

Our engineers provide preventive maintenance by inspecting machines regularly

Our spare parts inventory management system ensures fast, on-time delivery of spare parts

Specialized training for professionals and our customer's technical personnel.

\*Service performance may vary in different markets.



### Worldwide service outlets and accessory centers

### 246

YFO service network reaches 96 regions in China and 150 overseas service centers

### Over 5000 m<sup>2</sup>

Warehouses cover 53 cities in China and 23 overseas distribution centers

### 96%

Same day spare parts delivery rate in China ≥ 96%







\*Service performance may vary in different markets



### YIZUMI e-service online service system



\*Service performance may vary in different markets.



# Corporate Social Responsibility

### **Sustainable Development**

To facilitate the common progress and development of enterprises, economy, environment and society.

We are committed to reducing material and energy consumption, carbon dioxide emissions and taking other environmental protection measures in the global production process.

We will continuously optimize our equipment to reduce the consumption of resources and environmental impact throughout the product life cycle.



GREEN PRODUCTION





GREEN PRODUCTS



# Corporate Social Responsibility

### Social welfare

YIZUMI actively participates in social welfare events and invested in the YIZUMI sports park - a public welfare project built based on BOT\* model. We fully support the sustainable development of sports, education, wellbeing, culture and other arenas of social responsibility.

(\*BOT=Build—Operate—Transfer)

"We will participate in more public affairs and strive to become a ever more well-respected company."











# Thank You

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