



# Leater

# More than Packaging

Leater Shanghai Branch---Tuming Industrial

Contact: [sales@leaterpack.com](mailto:sales@leaterpack.com)



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01

# Introduction

Shanghai Tuming Industrial Co. Ltd.

# Company Introduction



Covering an area of  
37,500 m<sup>2</sup> for phase 1



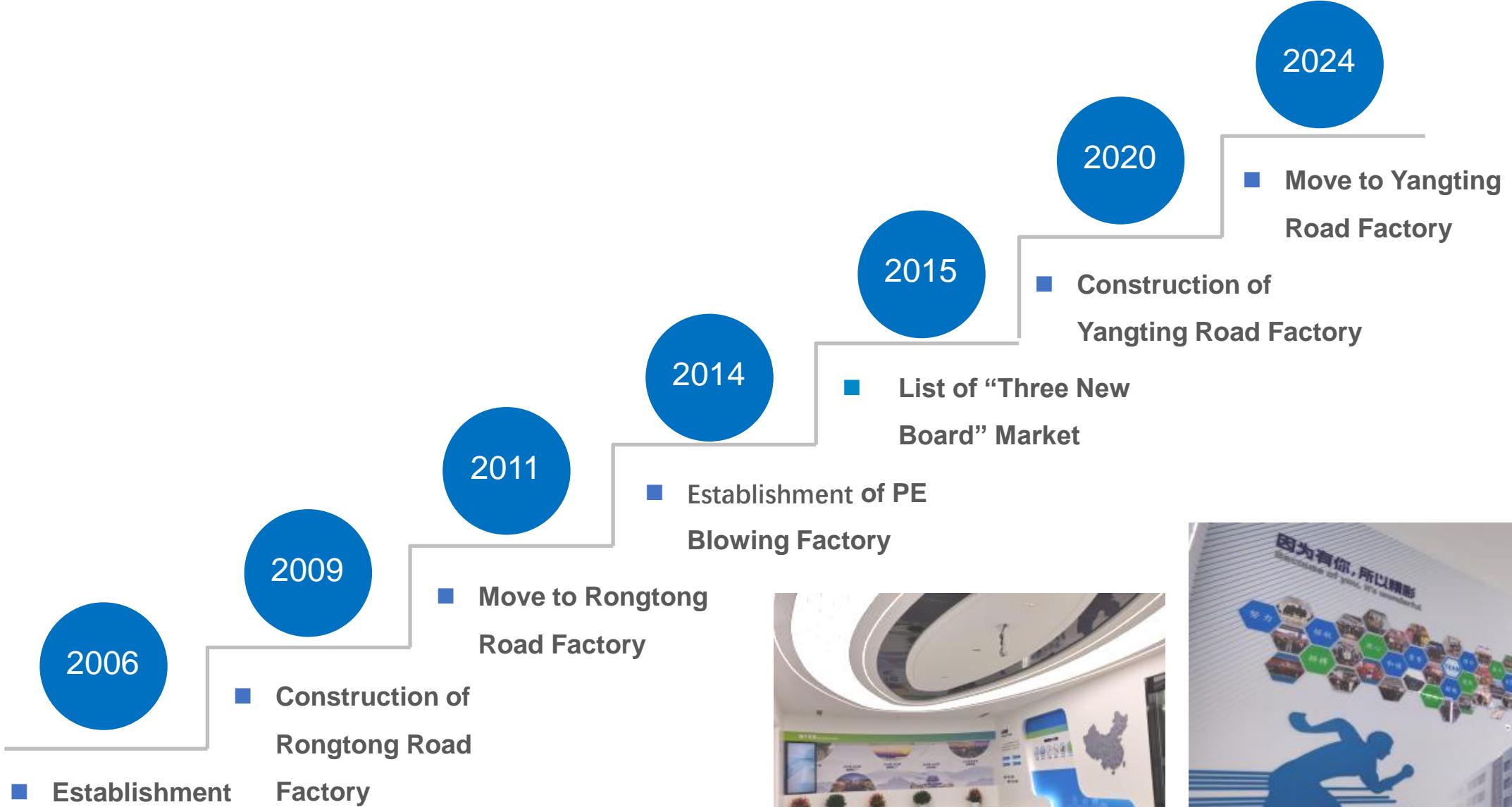
14,000 spaces of intelligent  
storage



Designed annual capacity  
of 46,000mt



# Development History





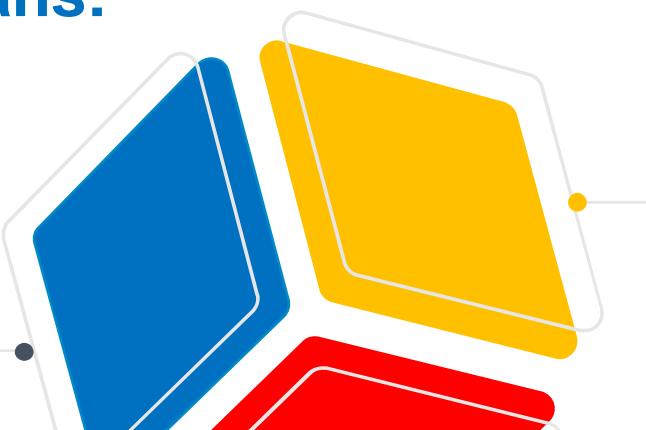
Business Culture

# Our Mission

To achieve the best balance of interdependence among employees, customers, shareholders, suppliers and other stakeholders.

Our name “Leater”, the China’s Characters “利特尔” means:

Benefits, profits, benefits, and interdependent conditions, etc.



Special, differentiated, unique, extraordinary, etc.



Represents employees, customers, suppliers, shareholders, and other stakeholders.

# Our Vision



## Responding to the requirements of innovation:

Continuously optimize business model innovation to empower the company sustainable growth;

Utilizing leadership-driven and innovation-driven to build the company's differentiated core competencies



**To be the benchmark of sustainability and innovation in the flexible packaging industry**

## Responding to the requirements of sustainability:

**Sustainable Development:** Utilizing market-driven, we will maintain long-term sustainable development based on large consumption, while exploring large health and new energy markets;

**Green Digital Intelligent Factory:** The company is building on the “Four Harmonizations” to meet future competitive needs.



# Our Value



# 顾客至上

## Customer Focus



## 学习与创新

## Learn & Innovation



## 公平与公正

## Equilibrium & Fairness



## 赞许与守信

## Admiration & Faith



## 团队与合作

## Team work & Cooperation



## 执行与沟通

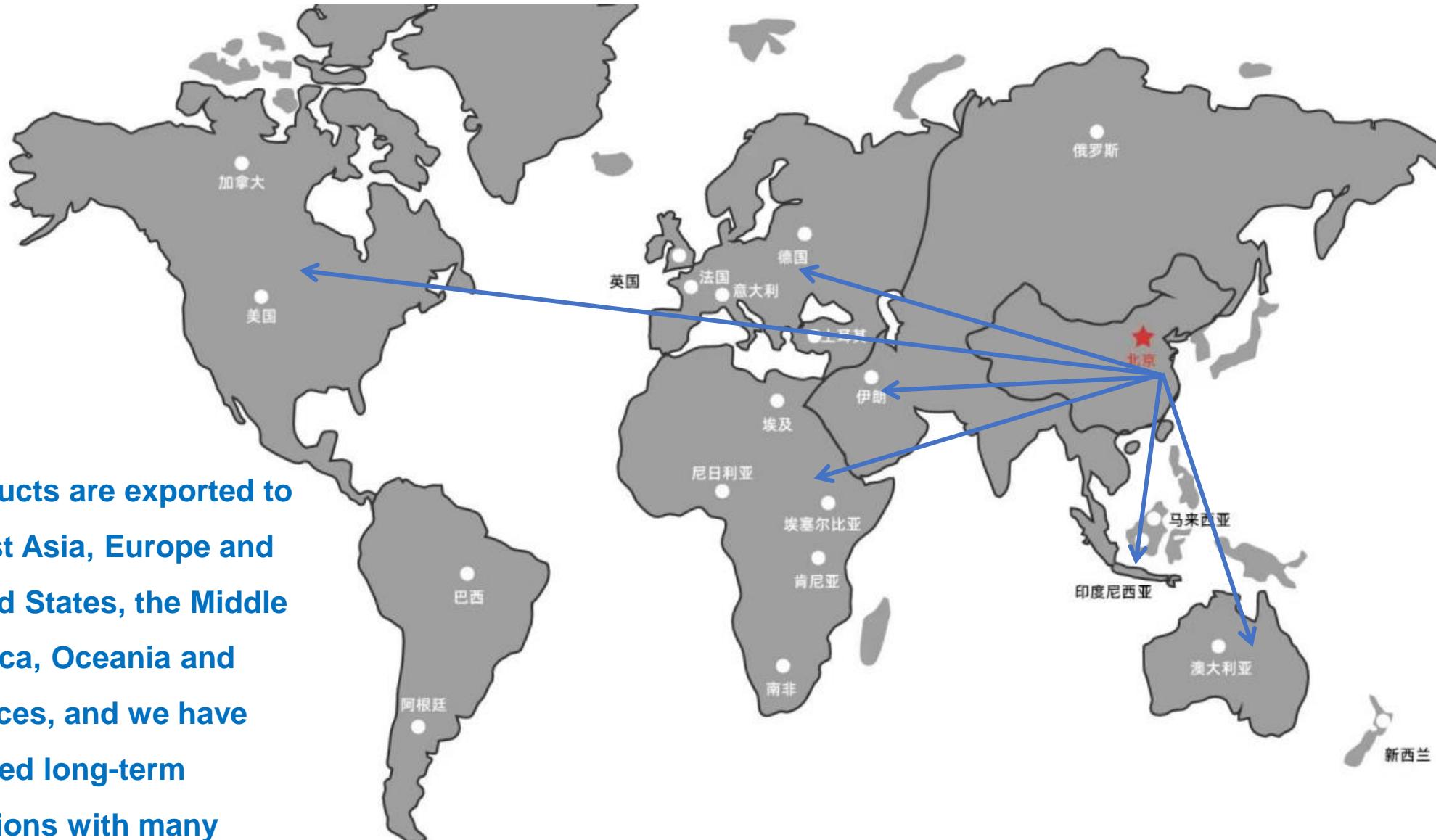
## Execution & Communication



## 以人为本

## Reality & People

# Global Sales Map



Our products are exported to Southeast Asia, Europe and the United States, the Middle East, Africa, Oceania and other places, and we have established long-term cooperations with many world famous brands.

# Our Partners (Food)



Nestlē



PEPSICO



锐意创新的  
合作伙伴  
焙乐道



Unilever



# Our Partners (Dairy)



光明乳业  
BRIGHT DAIRY



Huishan



MODERN FARMING  
现代牧业



# Our Partners (Beverage)

HEAKCAA 喜茶™

古茗®

蜜雪冰城  
始于1997·冰淇淋与茶

奈雪  
の  
茶

书亦燒仙草



W  
华莱士

茶百道  
ChaPanda

Coco  
都可



悸动烧仙草  
JIDONG

# Our Partners (Daily chemical industry)



艺康集团





02

## Equipment & Capacity

Shanghai Tuming Industrial Co. Ltd.

# Equipment & Capacity

## Film Blowing (3 sets)



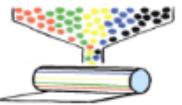
- 3&5 layers co-extrusion
- Automatic thickness measurement
- Automatic dosage
- Proprietary formulas

## Printing (8 sets)



- Gravure printing
- Digital printing
- Offline coding
- Online coding

## Extruding (2 sets)



- Extrusion

## Laminating (13 sets)



- Solvent less
- Dry
- Wet
- Wax
- Extruding

## Coating (4 sets)



- Heat seal glue
- Cold seal glue
- Hot melt
- Functional coating

## Embossing (2 sets)



- Al
- Al & paper
- Al & plastic

## Slitting & Cutting (16 sets)



- Paper
- Film
- Slice

## In-Mold Cutting (5 sets)



- Atypical label
- Paper& Al lidding foil
- Paper lidding foil

## Pouches Making (15 sets)



- 3-side sealing
- Back-side sealing
- Stand-up pouch
- 8-side sealing

# Equipment & Capacity

Type	Quantity	Annual capacity	Utilization rate
Printing	8 sets	576,000,000 meters	60%
Laminating	13 sets	920,000,000 meters	65%
Slitting & Cutting	16 sets	800,000,000 meters	60%
Coating	4 sets	288,000,000 meters	75%
Pouches Making	15 sets	420,000,000 pcs	50%



# HP Indigo 25K Printing Machine



Printing Width	Color Group	Speed	Printing Thickness
746x1120 mm	7	Up to 42 m/min (EPM)	Film: 10 to 400 um Paper: 350 um



# Advantages of Digital Printing

## No plate cost

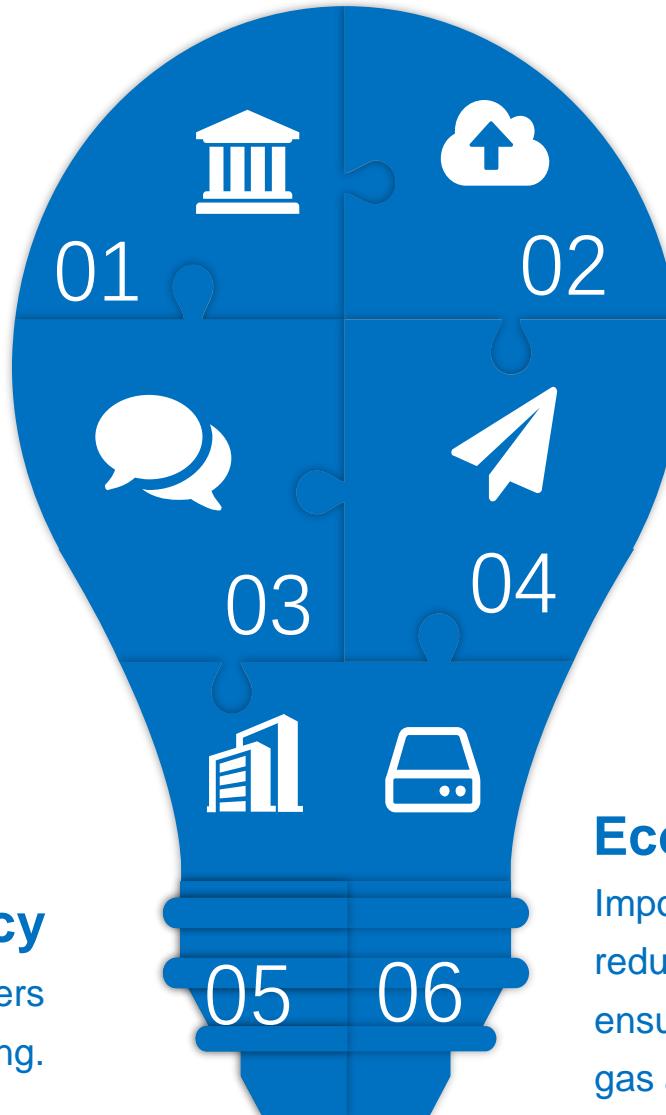
No cylinders are required, printing from the computer files directly, saving time and cost of cylinders making in conventional printing

## Personalization

Digital printing can be flexibly personalized accordingly, each print and pattern can be different, more suitable for small batch printing orders and personalized customized requirements.

## High-efficiency

Fast production and delivery of small orders compared to flexo/gravure printing.



## Quick response

Personalized small orders, short printing cycle, low MOQ requirement. Support finished product sampling, new product developing; also suitable for urgent small orders with short lead time

## High-quality

Utilizing HP Smart Stream Designer with high-precision electronic ink transfer technology, to achieve detailed images and accurate color reproduction to deliver high-quality prints.

## Eco-friendly and sustainable

Imported environmental-friendly inks, low VOCs emissions reducing the impact on the environment, Food-grade inks ensure the safety and health of the fillings, and avoid waste gas and waste liquid treatment in conventional printing.

# Applications of Digital Printing



Snacks  
Packaging



Reusable sealing  
bag



Stand-up pouch



Beverage  
packaging



Lidding foil



Label



Laminated tube



Mask packaging

# Quality Assurance Equipment

Gas chromatograph

Solvent content test

Electronic tensile machine

Peeling, heat sealing, puncture strength

WTR tester

WTR

OTR tester

OTR

Friction coefficient tester

COF

Sealing machine

Heat sealing curve and thermal

Densitometer

Viscosity

Constant temperature and  
humidity box

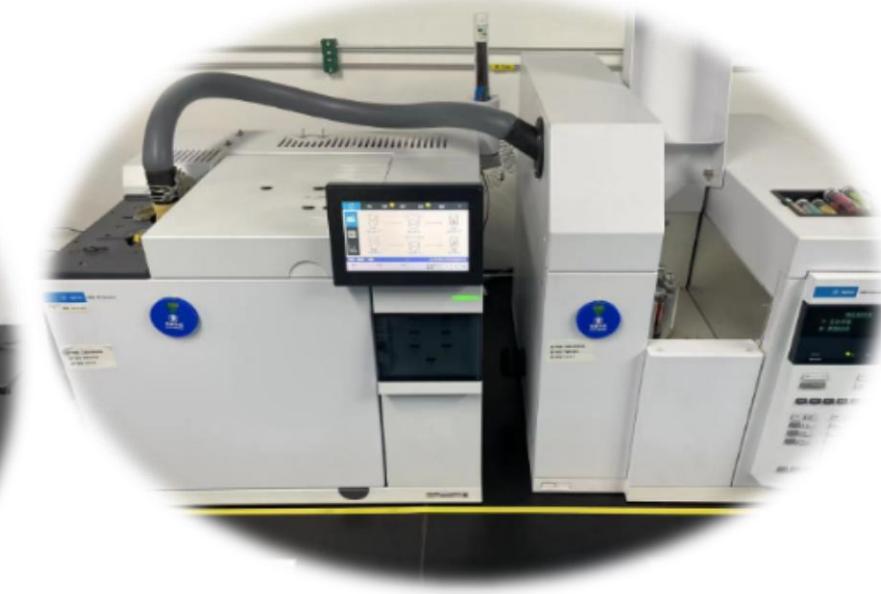
Optical density test

Microscopic camera

Aging test

Scratch resistance tester,  
moisture tester, Bar Code  
Verifier

Cross section analysis





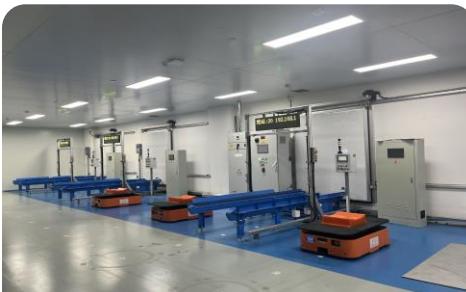
03



# Management

Shanghai Tuming Industrial Co. Ltd.

# Company Management



## Before-printing

Qualified suppliers  
Optimized Product Design  
Branded Smart Equipment



## In-Printing

SOP  
Project Management  
PDCA  
Circular Economy

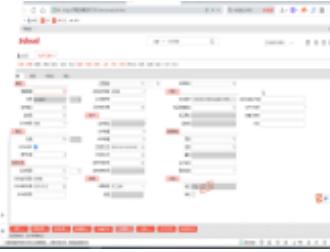


## Post-printing

Three-waste compliance  
Bi-carbon compliance  
Biodegradable  
Recyclable

# Management System

BI、ERP、MES System



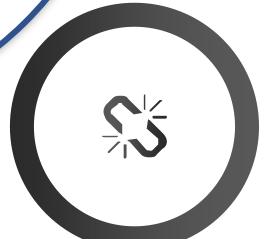
Solar system



Efficient cold energy  
storage



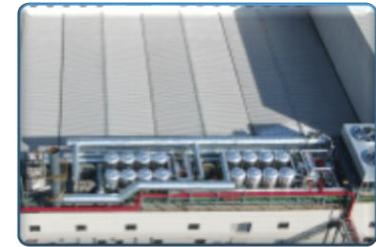
Green  
Economic  
High-efficient



Automatically ink mixing



VOCs System

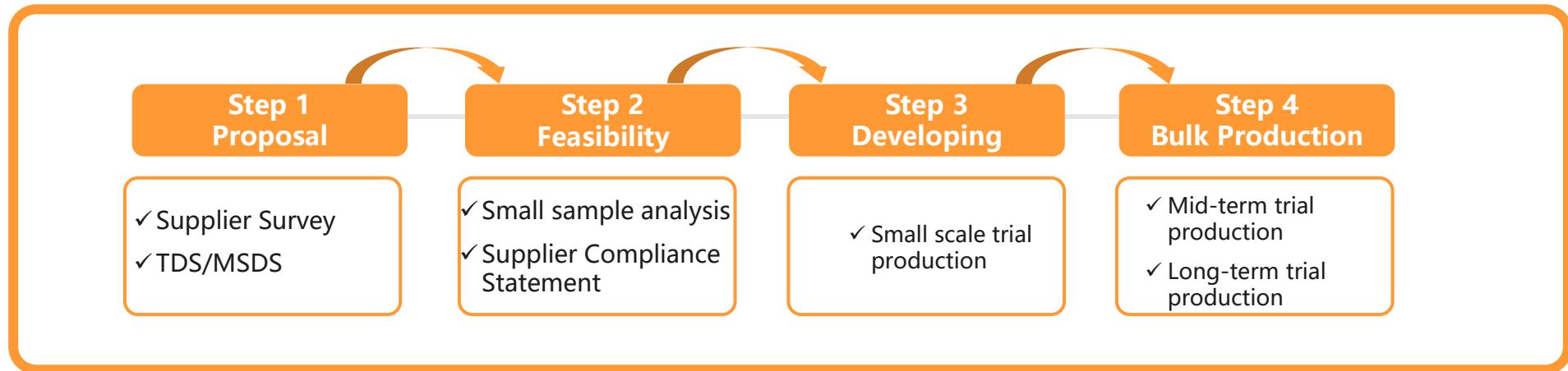


Intelligent logistics



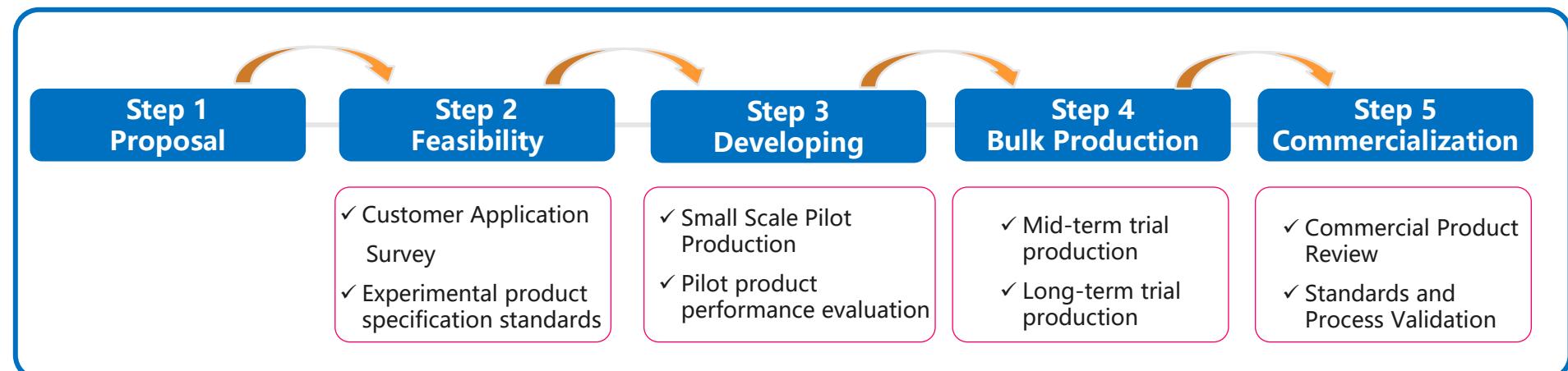
1

## Raw Material Review Process



2

## New Products Developing Process

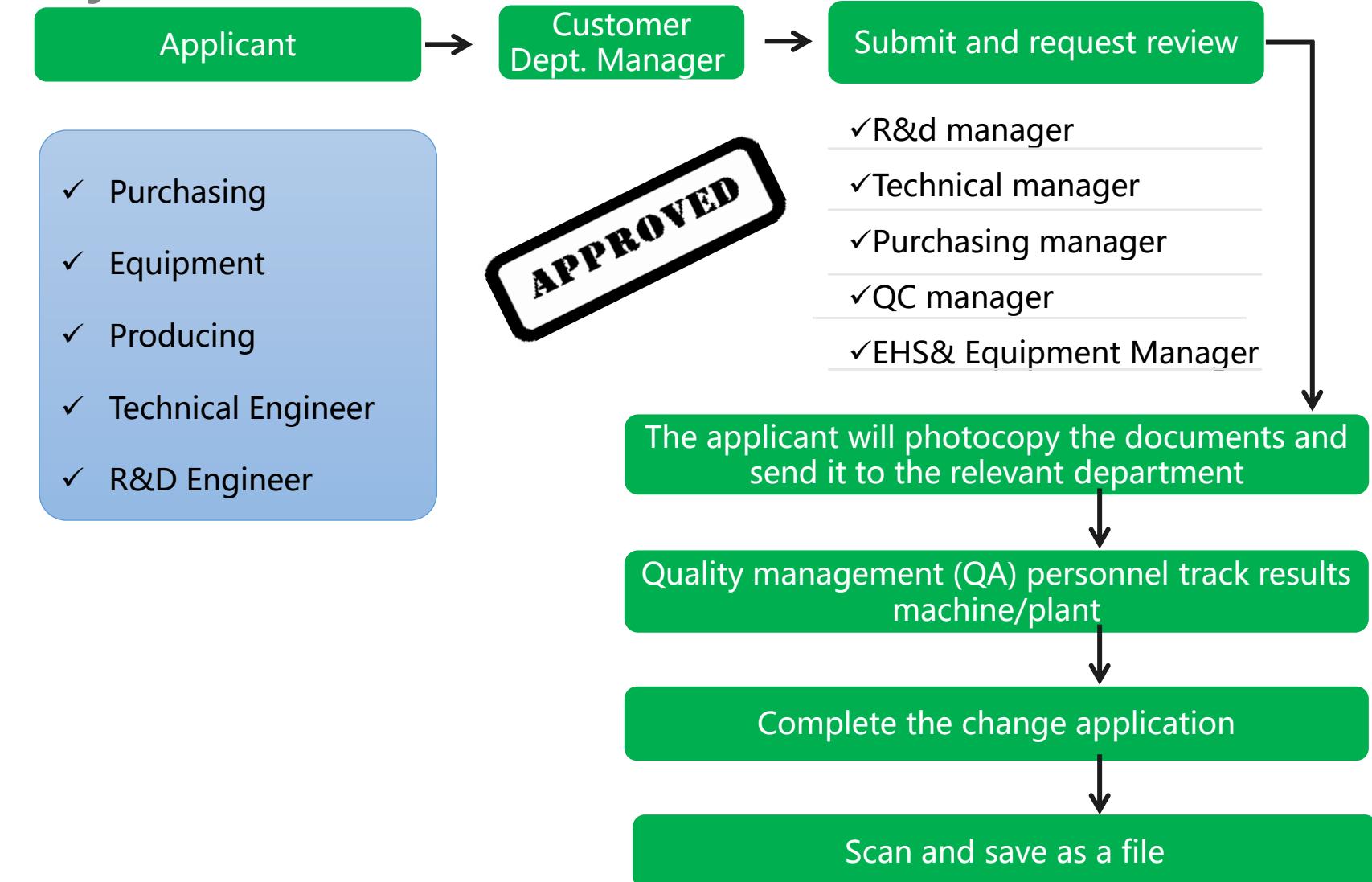


# QC System

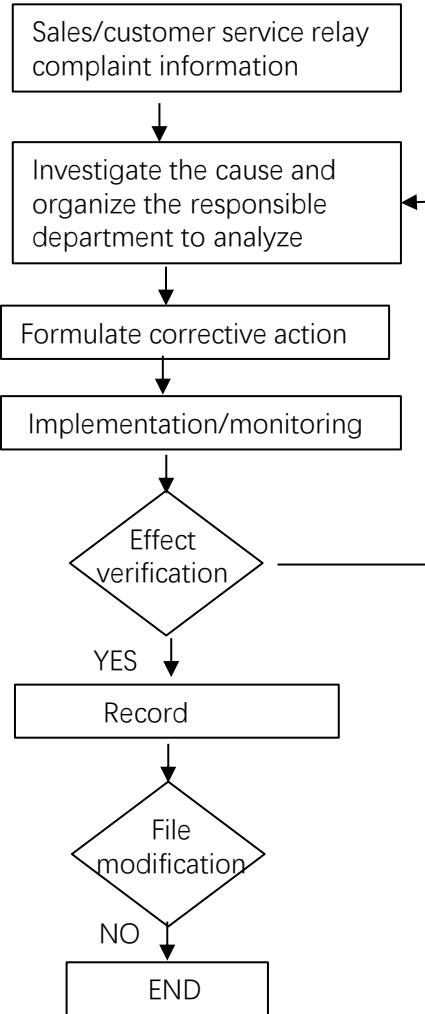
3

## Changes Control System

- ✓ Changes in raw material
- ✓ Major changes in plant & equipment
- ✓ Major changes in technical process



## Continuous Quality Improvement



- Use "5Y" analysis method and fishbone diagram and other quality tools to investigate the cause of problems
- Carry out continuous quality improvement activities in accordance with the "PDCA" cycle.
- Principles of "three must" to supervise and monitor the improvement conditions.

**Causes must be found  
Responsible person must be trained  
Preventive actions must be taken**

异常日期	异常单号	客户	异常内容	现状调查			原因分析	纠正措施	完成时间	负责人	执行结果验证	确认人	培训、处罚情况	
				数据调查	流程调查	现场调查								
20.08.03	200708044 200708043	蒙牛伊利	8 (复原乳-有 G011) (定位 蜡) 八连杯单果 粒黄桃酸牛奶奶 环标 719*157.2 (19-7版) 8 (复原乳-有 G011) (定位 蜡) 八连杯单果 粒黄桃酸牛奶奶 环标 719*157.2 (19-7版) 下错版本, 实 际需要20-6版	单号 200708044  单号 200708043	产出 31166.6 m <sup>3</sup> ; 单号 200708043  产出 31058.8m <sup>3</sup>	<MK06-E0 客 服人员操作规 定>、培训记 录	1、有与上一任客服的交接 记录; 但相关的培训记录 未签字; 2、20-6版首次进 6月10日下单生产, 后将 19-7版停用; 3、7月客户 初, 客户有订单, 客户可 能知道该产品已出新版, 我司此时不知有新版, 认 为20-6版为新版, 客户要 求备货旧版时, 我司理解 的旧版是19-7版, 客户认 为的旧版应是20-6版; 4、 7月8日, 客服通知技术反 馈BOM, 未与客服经理、销 售确认。4、7月22日, 拉 单时, 客户紧急通知设计 与法律法规冲突, 版本需 要更新	人: 1、尝试与客户沟通使用对照表 中的我司品名下单, 下单用双方都 明白的关键词确认, 不用新、旧版 确认; 2、把客服下错单的案例拿出 进行培训 机: ---	人: 1、尝试与客户沟通使用对照表 中的我司品名下单, 下单用双方都 明白的关键词确认, 不用新、旧版 确认; 2、把客服下错单的案例拿出 进行培训 机: ----	20.08.10	吴小英	完成	顾春庆	已对责任 部门人员 考核、培 训

# Environmental Protection Investment (VOCs Recycling)

A total investment of 5,000,000 USD to build VOCs & RTO equipment, to recover recyclable waste gas, rectification treatment and back for production, to achieve circular economy; The waste gas that does not have recycling value is burned, and the waste heat is recovered into steam reuse, which can realize circular economy and energy saving and consumption reduction under the premise of meeting environmental compliance.

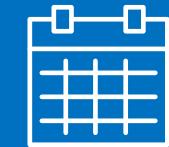


Invest 5,000,000 USD

- ★ Recovery of organic matter in waste gas > 95%
- ★ Emission concentration < 50mg/m<sup>3</sup>
- ★ Recover up to 3,000mt/y of solvent; RTO equipment can produce more than 2,000mt/y of steam
- ★ Make economic value of 1,850,000 USD/y



# Low-carbon Investment (Solar System)



Invest 900,000  
USD

- ★ Leater has installed 1800KW solar system in the new plant, with a design life of about 25 years and an annual power generation of about 2,350,000 degrees .
- ★ Environmental protection and energy saving , solar system does not produce any pollutants, help to reduce greenhouse gas emissions, improve environmental quality and slow down global warming, reduce carbon emissions of about 1,840mt per year.
- ★ Reducing the power load of the grid during the peak period, and relieve the power grid peak pressure.

# Certifications



商品条码印刷资格  
证书

**BRGS**  
Packaging Materials  
CERTIFIED

The logo for SA 8000 certification, featuring a red circular design with a globe and the text "ETHICALLY CORRECT CERTIFIED COMPANY" and "SA 8000".

**SA8000**

进出口食品包装企业  
备案书

The State Emblem of the People's Republic of China.

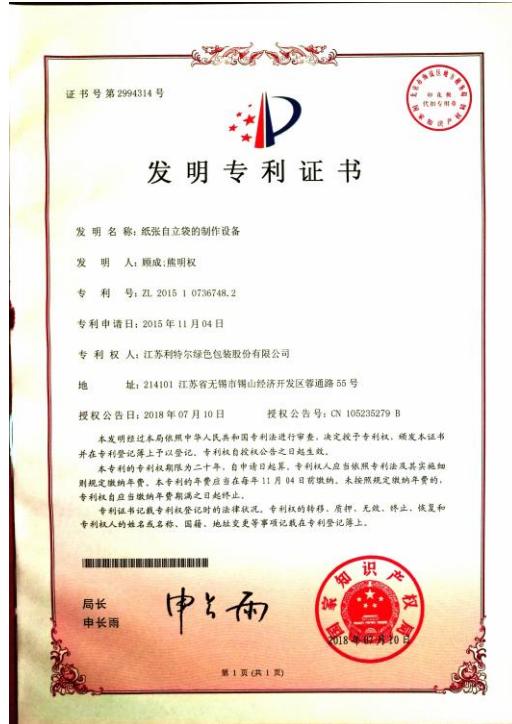
高新技术企业

高新技术产品认定证书  
江苏省科技型中小企业

江苏省信息化与工业化融合  
试点企业证书

无锡市企业技术中心  
认定证书

# Patent Certifications



发明专利21项



实用新型94项



高新技术企业

无锡市企业技术中心  
认定证书



高新技术产品认定证书  
江苏省科技型中小企业



进出口食品包装企业  
备案书

江苏省信息化与工业化融合  
试点企业证书

商品条码印刷资格  
证书





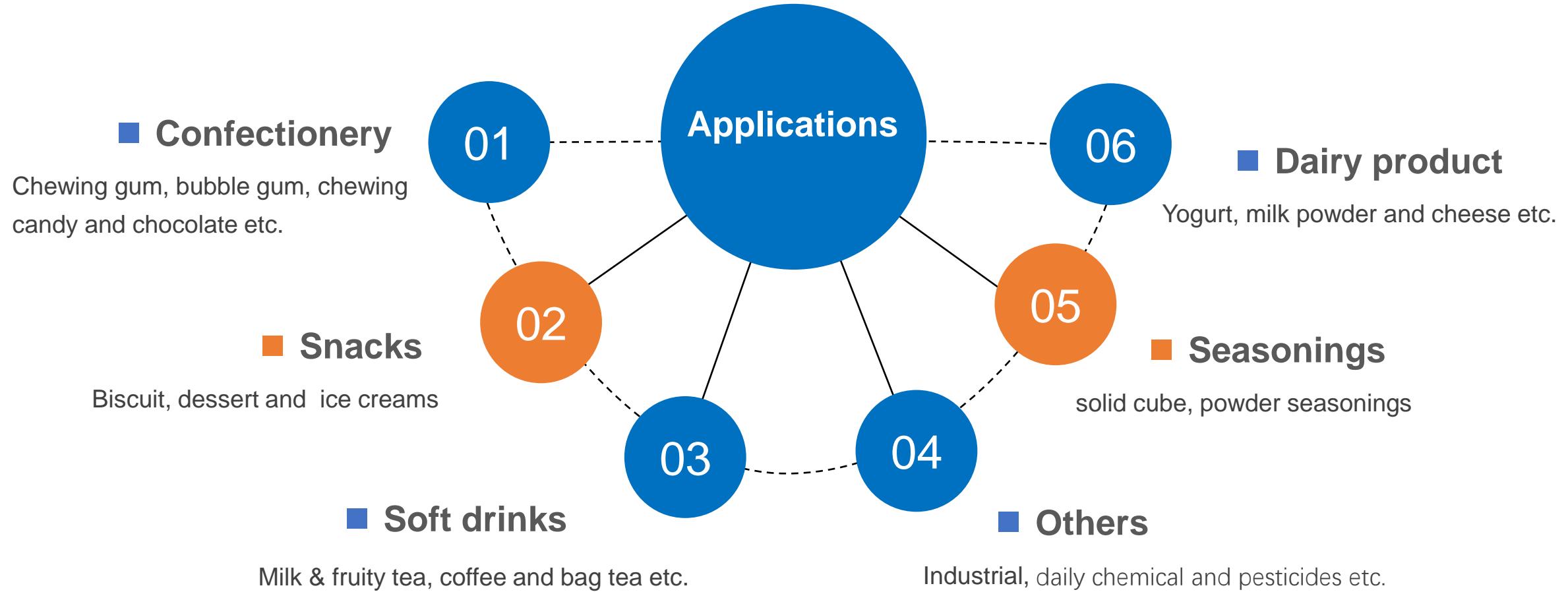
03



# Product Info

Shanghai Tuming Industrial Co. Ltd.

# Product Info



# Product Info (Food)

## Confectionary Packing

### ■ Product Type

Stick Candy

### ■ Packing machine

Automatic packing machine

### ■ Features

Excellent shape appearance  
Aluminum foil excellent  
perfuming performance  
Excellent sealing performance



### ■ Typical spec

Hot melt/paper/AL  
Hot melt/AL/paper  
Paper  
AL/paper  
wax/paper/wax



# Product Info (Food)

## Chocolate Packing



### ■ Product Type

Food inner wrapper  
(chewing gum, chocolate,  
cigarette)

### ■ Packing machine

Embossing machine

### ■ Features

Can be patterned embossing  
Good anti-stick and moisture-proof  
Safety & eco-friendly  
Inner layer can be coated with silicon, wax, etc.

### ■ Typical spec

AL  
AL/ PAPER

# Product Info (Food)

## Diary Packing

### ■ Product Type

Label sticker  
In mold label  
Lidding foil

### ■ Features

Single polyolefin material, meeting recyclable packaging requirements  
Not easy to fall off and be damaged during transportation  
Wide heat sealing temperature range  
Good Oxygen-proof and water-proof, can meet the high barrier requirements



### ■ Typical spec

Ink/paper/hot melt  
OPP/ Ink/POPP  
Ink/POPP  
PET/AL/SPE,  
PET/VMPET/SPE

# Product Info (Food)

## Ice cream Packing

### ■ Product Type

All kinds of light flexible  
packaging

### ■ Features

Has certain barrier properties;  
Double sided printing design  
increases consumer interest;  
High and low temperature  
resistant functional coating,  
meeting packaging and storage  
requirements



### ■ Typical spec

BOPP/INK/VMCPP  
INK/VMBOPP/CPP

# Product Info (Food)

## Coffee Packing



### ■ Product Type

Four sides sealing bag  
Back sealed organ bag  
Eight sides sealing bag

### ■ Packing machine

Roll self-feeding machine  
Premade bags filling  
machine

### ■ Features

Sensitive to odors  
Long term unidirectional  
exhaust performance  
High barrier  
requirements

### ■ Typical spec

PET/AL/PE  
PET/VMPET/PE  
PET/AL/PET/PE

# Product Info (Food)

## Seasonings Packing

### ■ Techniques

Printing—laminating--slitting--  
bag making--packing

### ■ Features

Single polyolefin material meets the requirements of recyclable packaging;  
Combination of multiple materials with barrier properties;  
Design of temperature difference structure between inner and outer layers to improve the appearance of edge sealing after bag making

### ■ Typical spec

BOPP/ink/VMBOPP/PE (CPP)  
PE/VMBOPP/PE



# Product Info (Cosmetics)

## Cosmetics Packing

### ■ Fillings

cream

### ■ Techniques

Printing—laminating--slitting--  
bag making--packing

### ■ Features

Special VMCPP to meet the  
requirements of high-speed  
packaging machine  
The material has flexible  
structure, strong weather  
resistance and wide versatility

### ■ Typical spec

PET/AL/PE  
PET/VMCPP



# Product Info (Cosmetics)

## Spout Pouch

### ■ Techniques

Printing—laminating--slitting--  
bag making—adding spout--  
packing

### ■ Features

3D display effect  
Easy to carry and use  
Ultra-high barrier property

### ■ Typical spec

PET/AL/NY/PE



# Product Info (Cosmetics)

## Shampoo Packing

### ■ Techniques

Printing—laminating--slitting--  
bag making--packing

### ■ Features

Super tough, break resistant design  
Ultra-high barrier property  
Excellent anti-pollution and anti-static  
properties



### ■ Typical spec

PET/AL/PE  
PET/VMCPP

# Product Info (Cosmetics)

## Mask Packing

### ■ Product Type

Facial mask and auxiliary materials packaging

### ■ Features

Have various structures as required  
Can realize additional processes such as inkjet coding, hot stamping and fluorescence  
Various bag types such as special-shaped, dry and wet separation  
Good at preserving fragrance, blocking light and heat insulation on the contents

### ■ Typical spec

BOPP/AL/PET/PE  
BOPP/PAPER/AL/PE  
BOPP/VMBOPP/PE  
PE/VMBOPP/PE



# Product Info (Daily Use)

## Washing Powder Packing



### ■ Product Type

All kinds of detergent packing

### ■ Features

Super tough, break resistant Design

Heavy fillings but low bag-broken rate

Excellent anti-pollution and anti-static  
properties

### ■ Typical spec

PA/PE

PET/PE



# Q&A

Shanghai Tuming Industrial Co. Ltd.



Contact: [sales@leaterpack.com](mailto:sales@leaterpack.com)

# THANK YOU!

Shanghai Tuming Industrial Co. Ltd.

Leater Shanghai Branch