



TAIYO CHEMICALS CO.,LTD.

TAIYO GIKEN CO.,LTD.

TAIYO UNIMAK CO.,LTD.

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WEBSITE



AMOS SHOP



YouTube



Instagram



Made using Recycled Paper

TAIYO GROUP

Environmentally friendly manufacturing is the first step towards a prosperous future.

We are proudly taking the initiative towards making things that will enrich our future.

History

1954
Inaugurated
as an integrated
production plant
for buttons made
of urea resin for export.

September 6, 1954

Establishment of Taiyo-Chemical Co., Ltd.

1958
Started production
of artificial plastic pearls

1963
Worked on the development
of mahjong tiles
and started manufacturing in 1964

1967
Started production of instant coffee jar caps

1975
Establishment
and mass production
of automatic molding system
for mahjong tiles
and game related products.

1971
Establishment of
Taiyo Resin Industry Co., Ltd.

1983
Succeeded in plastic cover molding
for casting gas pipe fittings

1984
Installed an NC
electric discharge machine
to strengthen
the mold making division

1987
Establishment
of On West Co., Ltd.

1989
● Expansion into China
● Establishment
of Shanghai Taiyo Plastic Craft Co.
(China)

1992
Establishment
of Shanghai Taiyo Chemicals Co., Ltd.
through a Sino-foreign collaboration
(China)

1994
Establishment
of Shanghai Lili Plastic Products Co., Ltd.
(China)

1988
Succeeded in the development, production
and marketing of a fully automatic mahjong table

2001
Began to
manufacture plastic fittings
for floor heating and baths

1997
Merging of Taiyo Resin Industry Co., Ltd
with Taiyo-Chemicals Co., Ltd.

1998
Quality Control SEC established

1999
● Became a JIS mark-approved factory
for polybutene pipe fittings
for water supply
● Changed the name of On West Co., Ltd.
to Taiyo Studio Co., Ltd

2002
● Manufacturing of heater panels
for electric floor heating
● Development of Recycled PET

2004
Environmentally friendly products
"Kids Mate" (Recycled Tray) and
"Eco Hands" (Elastic Pavement Block)
were certified as recycled products
by Wakayama Prefecture

2002
● Changed name
of Shanghai Taiyo Plastic Craft Co.
to Shaoxing Taiyo Plastic Co., Ltd.
● Obtained ISO 9001 and 2000 certification

2004
● Obtained ISO 14001 certification
● The 50th anniversary of the founding
of Taiyo-Chemical Co., Ltd.

2006
Changed name of Taiyo Studio Co., Ltd.
to Taiyo-Unimak Co., Ltd.

TAIYO-Group
UNIMAK

2011
Entered the LED
lighting business

2015
Entered the hydroponics business

2017
● Started production of automotive parts
● Home Mahjong Table "JP I" was released

2008
Shaoxing Taiyo obtained
ISO 9001 certification

2009
● Shaoxing Taiyo obtained
ISO 14001 certification
● Merging of Shanghai Lili Plastic Products Co., Ltd
with Shaoxing Taiyo Plastics Co., Ltd.

2012
Establishment of Qingdao Lili Industry
and Trade Co., Ltd. (China)

2013
Establishment of Taiyo Vietnam Co., Ltd. (Vietnam)

2014
● Establishment of ANELA Ltd. (Hong Kong)
● Establishment of Taiyo-Giken Co., Ltd.

2016
● Changed the name of Taiyo Vietnam Co., Ltd.
to TaiyoTechnical & Trading Co., Ltd.
● Taiyo Chemicals Co., Ltd.
Obtained ISO9001: 2015 / ISO14001: 2015

2019
Opened our own
EC website

2017
Establishment of Dongyang Branch
of Shaoxing Taiyo Plastic Co., Ltd.
(China)

2019
● Taiyo-Unimak Co., Ltd
established Kaizuka Office
● Cooperated
with Nenrin-Pic
Wakayama Rally

2020
● Began manufacturing
battery components
● ANELA LTD. Changed
to Taiyo Group
Representative Office

Our Business

Headquarters Plant

Total land area 19,198 m²

Injection Molding Division

We are equipped with a wide range of injection molding machines, ranging from 30 to 650 tons, to design and produce molded products according to customer requirements.

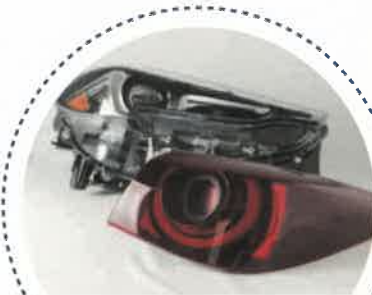


43 injection molding machines

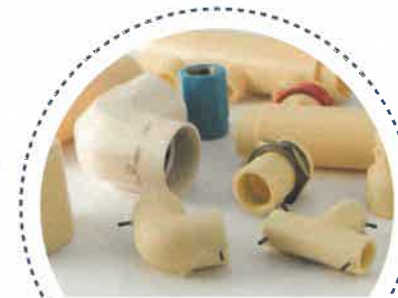
- ◇ Instant Coffee Caps
- ◇ Light Fixture Sockets
- ◇ Couplings for Piping
- ◇ Fittings and Watering Systems for Underfloor Heating, etc.
- ◇ Salad Spinners
- ◇ Automotive Parts



Parts for Batteries



Automotive Parts



Couplings for Piping



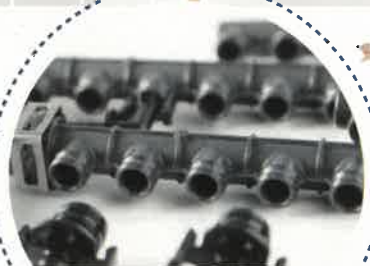
Light Fixture Sockets



Instant Coffee Jar Caps



Hydroponics



Fittings and Watering Equipment



Salad Spinner

Agriculture Division

~ A New Way to Make Vegetables ~

We have developed a hydroponic cultivation system that is easy to use for a wide range of users, from beginners to the more experienced.

We grow wasabi, a traditional Japanese vegetable, safely and without pesticides in our indoor facility by using a cultivation system based on an artificial river.



Hydroponics System

PET and Recycling Division / Global Division

We clean and crush PET bottles collected through local elementary and junior high schools and recycle them into high-quality plastic materials with a recycling rate of up to 80%.

Utilizing our injection molding technology know-how with many years of experience, we are developing a variety of functional and environmentally friendly products such as heat-resistant plastic tableware and water-permeable civil engineering materials for drainage.

We are actively developing these environmentally friendly products at overseas markets as well.

We are developing and manufacturing products that meet the needs of consumers globally adapting to current needs in the market.

- ◇ rebirth Tableware
- ◇ Hyperdrain Systems
- ◇ LED Lighting Components



Plastic Bottle Collection



Recycle

Mihama Plant

Total land area 15,784 m²

Resin Compound Division

We manufacture raw materials (pellets) using recycled materials (PET bottles), including the coloring and compounding of thermoplastic resins.

We are constantly engaged in research and development in the pursuit of high quality products.



Compound Manufacturing

Unimak

- ◇ Planning and Assembly of Handicrafts
- ◇ Plastic Molding Services
- ◇ Sale of Recycled Plastic Tableware
- ◇ Manufacturing of Cosmetics
(License No. 27CZ200743)
- ◇ Manufacturing and Sale of Cosmetics
(License No. 30C0X10016)
- ◇ Manufacturing of Quasi-Drugs
(License No. 27DZ200318)
- ◇ Various Assembly and Packaging Operations
- ◇ Sale of Mahjong-Related Products



Mahjong Product Manufacturing and Sales Division

We have developed and manufactured a wide range of fully automatic mahjong tables for professional and home use, as well as a wide variety of attractive mahjong products for beginners and experts alike to enjoy.



Mahjong Tile



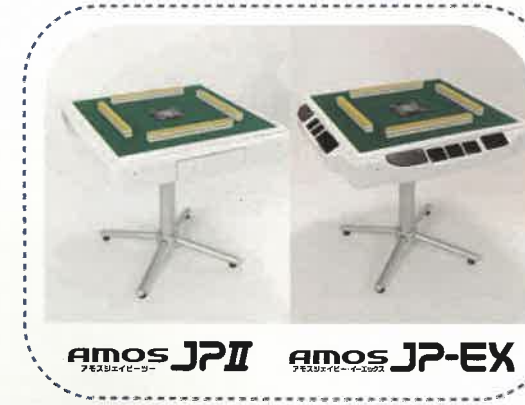
Japanese Chess



AMOS REXX II

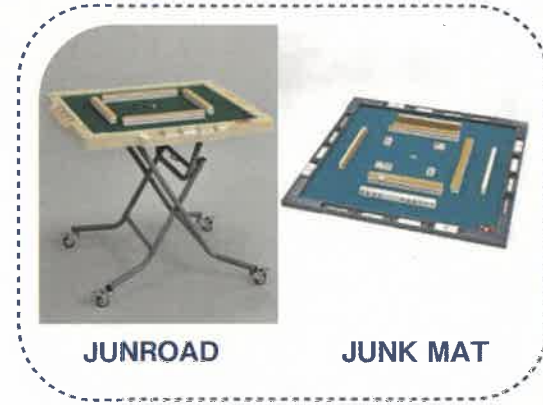


AMOS UIERAL



AMOS JPII

AMOS JP-EX



JUNROAD

JUNK MAT

Collected by PTA and Children's Association

Through the School PTAs and children's associations, Taiyo Group collects and buys discarded plastic bottles from ordinary households. Through the collection of plastic bottles, we hope to contribute to the education of children and to foster their compassion for the earth.

PET Bottle Recycling Chart (Collection Mechanism)



rebirth

Hyperdrain

Quality Control

Our quality management system is based on the ISO 9001 quality management system. We have established a quality assurance system that includes process control from development and design all the way to shipping, as well as the use of measurement equipment necessary for research and development.



■ Image Measuring Instrument

Used to measure the dimensions of the product (X-axis, Y-axis, Z-axis).



■ Digital Microscope

Small objects that are difficult to see with the naked eye can be magnified and seen up to 1000 times.



■ X-ray Fluorescence Analyzer

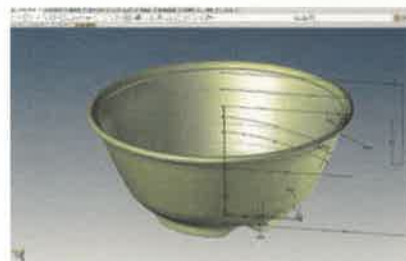
The element content can be checked for compliance with RoHS regulations.

Technology

Taiyo Group is responsible for a wide range of operations from product development design to mass production and maintenance, using 3D CAD to meet customer needs based on a variety of experience and know-how.



■ 3Dprinter



■ 3D CAD

- Mold
- Secondary processing machines (injection molding)
- Automation of process using robots
- Procurement of overseas molds
- Projects related to external manufacturing

Approaches to the SDGs



Taiyo Group contributes to the five goals of the SDGs (Sustainable Development Goals).



2 Zero Hunger

We are aiming for sustainable agriculture regardless of region or climate by using our expertise in greenhouse cultivation.



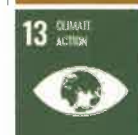
3 Good Health and Well-Being

We have strong ties with local welfare facilities, and in recent years we have supported health mahjong tournaments for the elderly.



12 Responsible Consumption and Production

Some of the recycled PET tableware that is no longer used is collected and pulverized to be turned into engineering materials for drainage. We are working to reduce waste by not wasting limited resources.



13 Climate Action

Raw materials made from recycled plastic bottles reduce CO2 emissions by about 70% compared to manufacturing virgin raw materials.



14 Life Below Water

We are actively working to educate the public about recycling in order to reduce plastic bottle waste, which is one of the main causes of marine pollution.

Greetings from the CEO

Change and Challenge.

~ Flexibility, perseverance, and penetrating niche markets ~

The Company began manufacturing buttons made of urea resin for export and has since expanded its business with an emphasis on resin and molding. All of this while developing various applications for lacquerware, artificial pearls and mahjong tiles using the said resin.

In 1989, in the midst of the Tiananmen Square protests, we entered the Chinese market and became the sixth foreign company to sign a contract with the Chinese government. Since then, we have developed our business over the past 30 years and have built up a wealth of expertise in China.

We also focus on environmentally friendly products and have established a community-based recycling system that covers everything from the collection of plastic bottles to the manufacturing and sale of recycled products.

We believe that no matter what kind of challenge we face, as long as we don't give up, it is not a failure. The path to success is to have strong perseverance.

We believe that this mindset will be the driving force for changing ourselves as individuals, changing our individual regions, changing Japan, and changing the entire world.

Kazunaga Uenishi, Representative Director and CEO