

Top Korean
Pet Food Company
ODM&OEM Specialist

ALWAYS TOGETHER,
ATBIO
& **MISO**



ATBIO & MISO, leading private brand pet food maker in Korea, is dedicated to **ensuring the health and happiness of the country's 6 million families and their 8 million pets**, significantly contributing to the well-being of these animals **by working together with leading partners** in Korea.

Happy Life of Pets and their Families



Realization of Customer Value



Top-Tier Market Impact

ATBIO & MISO

Trusted Business Partner

As a trusted ODM & OEM partner

Technology Leader

R&D expertise based on core proprietary technology

The Best Quality

Highest quality through rigorous quality management and expertise

01

1. Company Overview

ATBIO & MISO is committed to **preserving the well-being** and healthy lives of your pets—**your life companions**—based on naturalism, inspired by **real “NATURE”**.

‘Always Together’

ATBIO & MISO, built upon continuous technological advancements and quality that meets human standards, has established a solid foundation of trust with its customers. We offer comprehensive services from product development to sales, grounded in the unwavering trust of our customers. As a business partner, we stand by our customers, growing together in the pet food industry.

| | | |
|-----------------------|--|---|
| Company name | ATBIO & MISO | |
| CEO | Cho Byeong-sun | |
| Establishment | April 2004 | |
| Business areas | Manufacture of pet food (pet food, jerkies & treats, chews, nutritional supplements, semi-moist, etc.) for dog and cat | |
| Headquarters | 16 Palyasandan-ro, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Korea (Gwangneung Techno Valley) | |
| Plant | ATbio Plant 1 | 16 Palyasandan-ro, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Korea (Gwangneung Techno Valley) |
| | ATbio Plant 2 | 54-3 & 4 Orimpo-gil, Naechon-myeon, Pocheon-si, Gyeonggi-do, Korea |
| | Miso Plant 1 | 42-185 Baramgol-gil, Gyeongbok-daero, injeop-eup, Namyangju-si, Gyeonggi-do, Korea |
| | Miso Plant 2 | 16 Palyasandan-ro, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Korea (Gwangneung Techno Valley) |

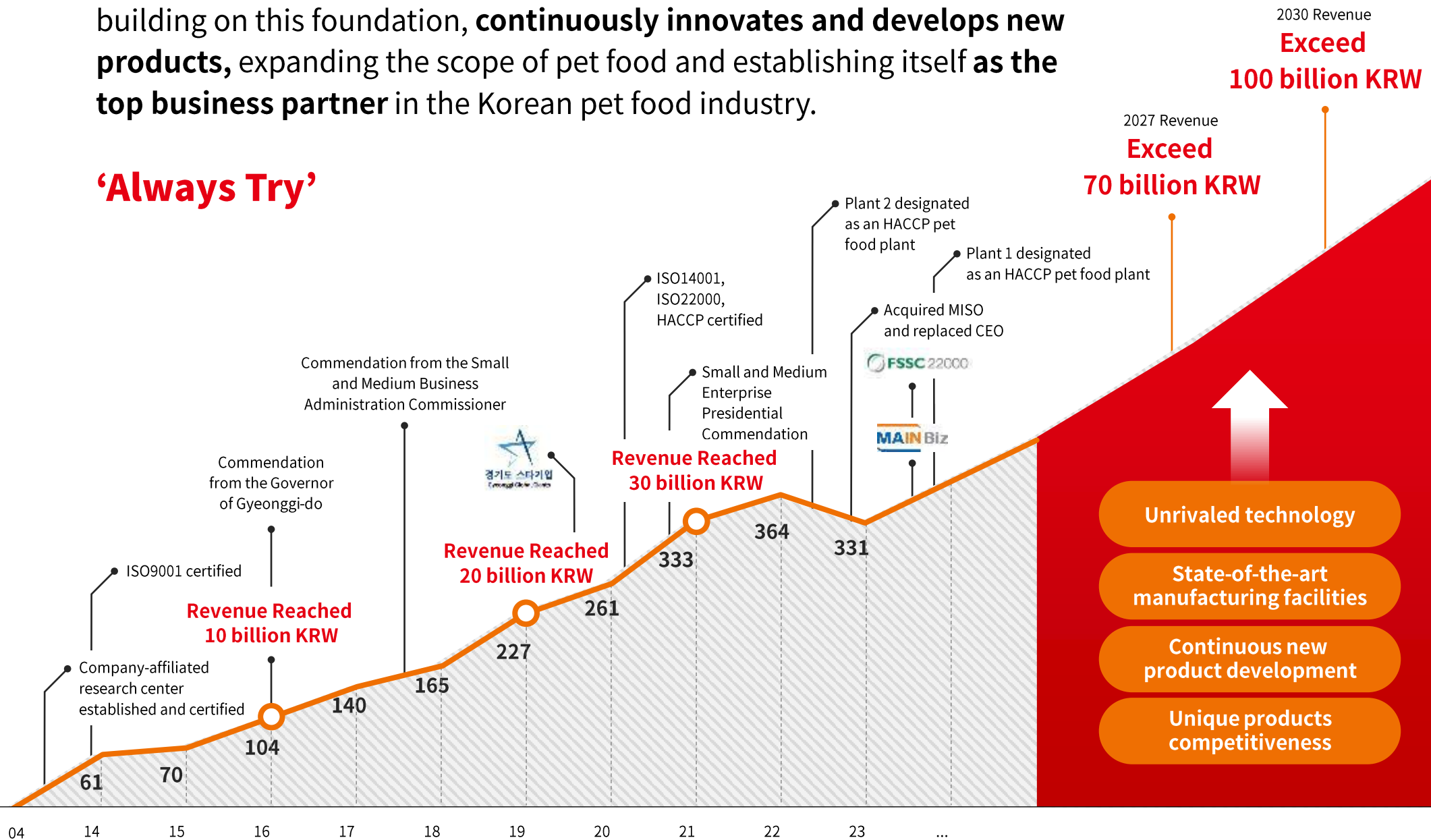


01

2. History

With 20 years of experience in pet food development and manufacturing, **ATBIO & MISO** has cultivated expertise and, by building on this foundation, continuously innovates and develops new products, expanding the scope of pet food and establishing itself as the top business partner in the Korean pet food industry.

‘Always Try’



01

3. Business areas

ATBIO & MISO offer **total comprehensive ODM / OEM services** which cover **A to Z of pet food launching** from proposing and developing pet products customer needs.

- **Sales strategy consulting** from product selling point to package design
- **Product development** considering recent market trend and insights
- **Pet food production** with quality proven automated facilities

‘Always Total’

The best partner that listens to the voice of our customers

Highly competitive services across the entire spectrum of pet food & treats



01

4. Competitiveness

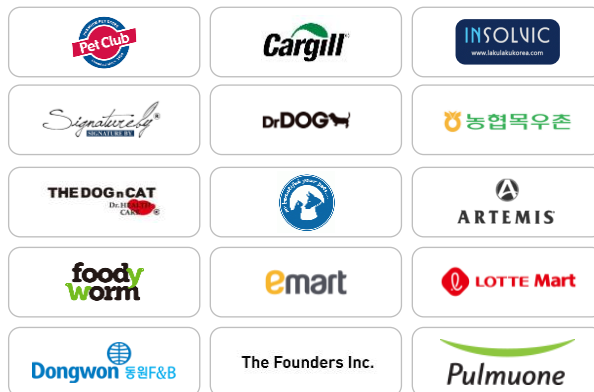
As a customer-centric business partner, **ATBIO & MISO** has built trusting relationships with numerous customers. **Realizing customer value and earning their trust** will continue to be **ATBIO & MISO**'s top priority.

'Always Trust'

Leveraging the verified competitiveness, **ATBIO & MISO** has established partnerships with numerous brands, both domestically and internationally, unlocking endless possibilities to lead the pet industry.



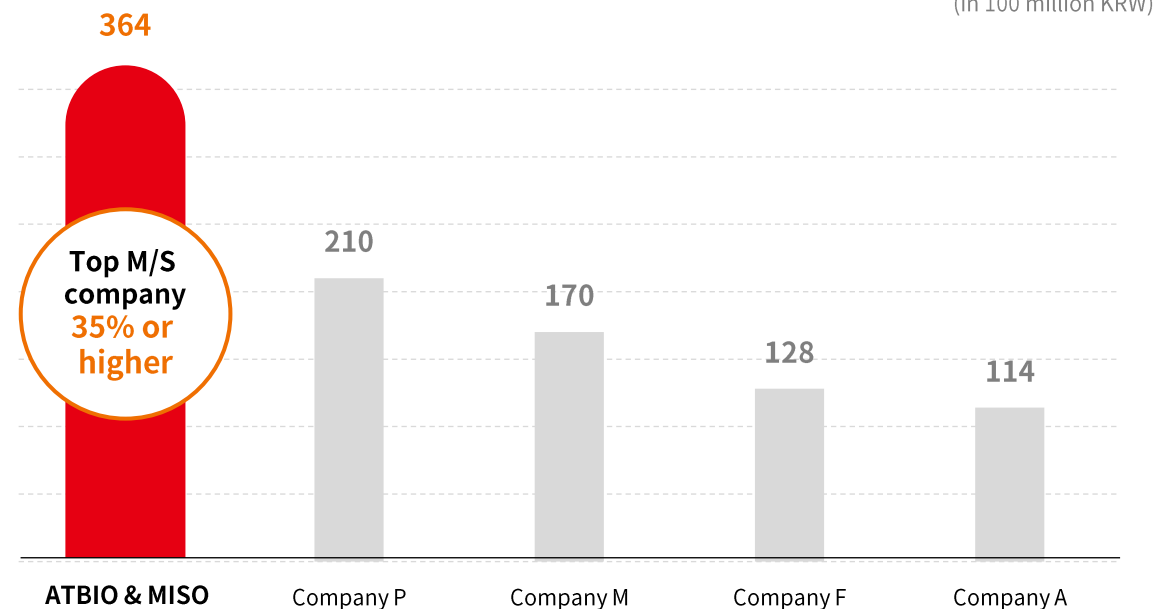
● Major customers



● Partner network



● Market share of the Korean pet treat industry



※ Based on the sum of revenues of Korean pet treat manufacturers in 2022

02

1. Product Introduction

ATBIO & MISO produces a variety of products in different forms to provide unique value to customers.

Capable of manufacturing **99%** of the formulations available in the Korean pet food market

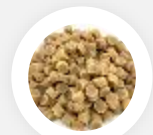
Premium pet food with added functional benefits



Extruded pet food

General forms of pet food

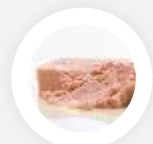
- Dry, semi-moist



Steam cooked pet food

Palatable pet food with high moisture content made from fresh ingredients

- Semi-moist



Wet pet food

Pet food with a soft texture due to high moisture content

- Canned



Retort

Healthy pet food that preserves the nutrients of raw ingredients

- Main, wet pet food

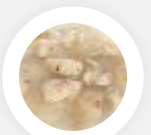
Wide range of product texture and size



Wet treats

Treats whose sizes can be varied thanks to their moist formulations

- Stick, jelly stick, spout



Pouch-type

Nutritionally balanced treats Made by boiling whole meats

- Porridge, soup, liquid food



Powder

Toppings in powder form to minimize the destruction of functional nutrients

- Nutritional supplements



Liquid

Nutritional wet food that can be fed as the main meal or in between meals

- Plastic containers, aluminum cans

Treats tailored to meet customer needs



Jerxies

Nutritional treats whose shapes can be varied

- Regular/bulk/functional/for training jerky



Nutritional supplements

Treats that provide various nutrients through functional ingredients

- Nutritional jerxies, nutritional chews, blister supplements



Dental chew

Treats that reduce tartar buildup and eliminate bad breath

- Regular chew, core chew, puffed chew



Burger

Affordable treats that can be used for nose-walking

- Jerxies, burgers

02

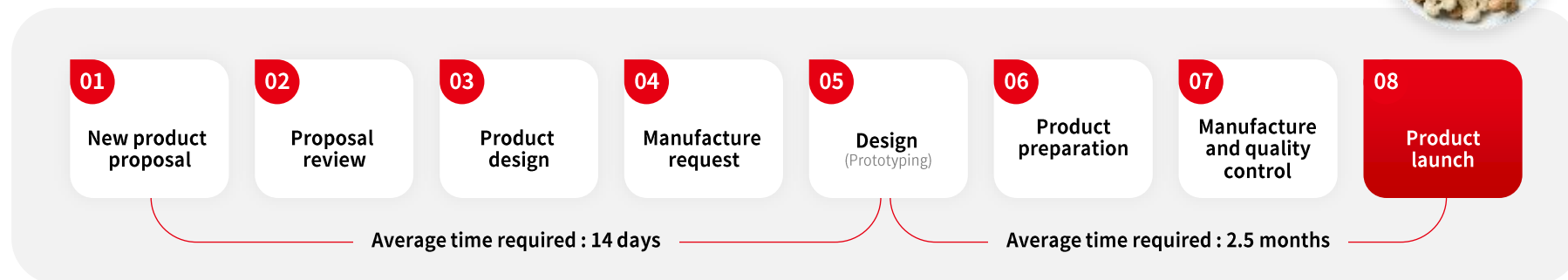
2. Development process

ATBIO & MISO's pet food market experts and the technical team at our research center **swiftly and accurately manufacture prototypes, offer competitive pricing, and promptly and effectively address** a broad spectrum of customer needs through a flexible product development process.

● **ODM process** | Original Development Manufacturing

We provide a one-stop service that encompasses everything from proposing products aligned with market trends—based on our verified expertise and unique technological competitiveness—to swiftly producing prototypes, managing production and quality control after product confirmation.

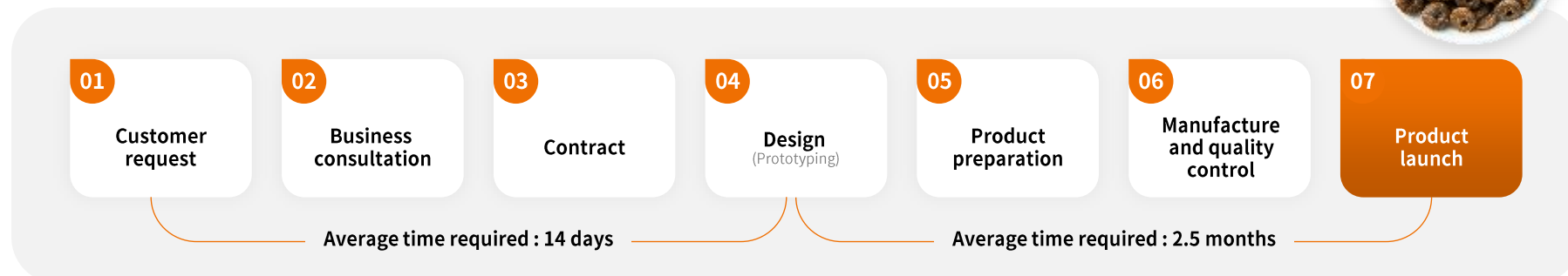
*The schedule may be shortened or extended based on changes in customer requirements or other factors.



● **OEM process** | Original Equipment Manufacturing

Thanks to our versatile facilities, meticulous quality inspections, and reasonable pricing, we can manufacture products in various forms to meet our customers' demands, ensuring timely delivery within precise deadlines.

*The schedule may be shortened or extended based on changes in customer requirements or other factors.



03

1. Pet food research center

By continuously researching foundational technologies, we lead pet food product trends with top-tier R&D in all areas, including **pet food formulation, production processes, raw ingredients, and nutrients**, ensuring the rapid development of products that align with our customers' desires.

R&D of
tailored
products

Technical
evaluations of
ingredients
benefits

Proprietary
R&D of raw
ingredient
bases

Product
palatability
evaluation

Government/
industry
research
projects



Proprietary technology of ATBIO & MISO

Development/analysis tailored to each customer

Specialized researchers in each field

Expertise in enhancing the functionality and palatability of products

Key research achievements

- Pet food using insect protein and alternative proteins
- Pet food using protein hydrolysis enzymes
- Prescription and preventive pet food and treats for specific diseases
- Calming agents using natural substances
- Development of formulations related to pet dental health
- Enhancement of palatability using natural substances and proprietary raw ingredient bases
- Formulation of pet food, treats, and supplements tailored to pet lifestyle/stage



Ratio of R&D
manpower to the
total staff (excluding
production staff)

20%

Fully experienced human resources

Experimental equipment and research infrastructure

Proactive development environment, including in-house research projects

Investment in research tailored to meet customer needs

03

2. Key research milestones

ATBIO & MISO Pet Food Research Center continually earns intellectual property rights to showcase our top-tier competitiveness.

We consistently invest in enhancing our human resources and expanding our R&D infrastructure to acquire and improve our unparalleled technological capabilities.

Key patents earned



Pet food using probiotics and its manufacturing method



Treats for walking pets and their manufacturing methods



Thrower and its parts for pets



Method for manufacturing pet food using protein hydrolyzing enzymes



Method for manufacturing pet food for immune enhancement



Method for manufacturing pet treats for reducing tartar and eliminating bad breath



Connector for dispensing pet food



Method for manufacturing cat food and the cat food produced thereby



Fermented pet food for elderly pets and its manufacturing method



Method for manufacturing pet treats for reducing dental tartar in pets



Method for manufacturing pet treats for preventing skin diseases in pets



Intellectual property rights

Design registration

Registered
124

Applied
23

Trademark registration

Registered
30

Applied
6



04

1. About our plant

ATBIO & MISO delivers high-quality products to customers within specified timeframe through the state-of-the-art production equipment and automated infrastructure.

Our precision manufacturing facilities, equipped with advanced technology and automated systems, enable us to consistently meet our customers' delivery deadlines reliably.

Maximize the Production Process efficiency through raw material / process management based on “Smart MES” (Manufacturing Execution System)

Ensure superior “QMS” (Quality Management System) with accumulated big data from long-term and various products manufacturing experiences

Quality certification for HACCP, FSSC2200 Keeping product high quality consistency with automated production system

Effective dedicated production lines for making various and fitable customized products



| | |
|--------------------------|--|
| Lot area | 2,638 pyeong (8,720.9㎡) |
| Total floor area | 4,296 pyeong (14,202.38㎡) |
| Total size | Total of 3 floors (2 above ground, 1 below ground) |
| Main products | Jerkies, pet food, chews and nutritional supplements, etc. |
| Average daily production | 8,360kg |
| Maximum daily production | 15,000kg |



| | |
|--------------------------|---|
| Lot area | 2,393 pyeong (7,911㎡) |
| Total floor area | 802 pyeong (2,651.42㎡) |
| Total size | Total of 4 wings and 2 warehouses |
| Main products | Burgers, pet food (dry, semi-moist), etc. |
| Average daily production | 10,000kg |
| Maximum daily production | 12,000kg |



| | |
|--------------------------|------------------------------------|
| Lot area | 985.3 pyeong (3,257.2㎡) |
| Total floor area | 1,724.09 pyeong (5,699.49㎡) |
| Total size | Total of 4 floors (4 above ground) |
| Main products | Semi-moist pet food, dry pet food |
| Average daily production | 8,000kg |
| Maximum daily production | 9,000kg |

04

2. Manufacturing facilities

ATBIO & MISO systematically produces a variety of high-quality products through a well-established process, from the receipt of raw materials to processing and packaging.

ST - Vacuum molding

Process description : The process involves mixing, shaping, steaming, and drying the primary ingredients, such as meat, to manufacture pet food and treats.

Major products : steam cooked food, jerkies



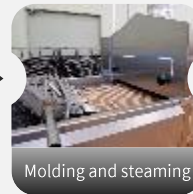
Raw material receipt and inspection



Raw material grinding



Mixing



Molding and steaming



Drying



Inspection



Packaging

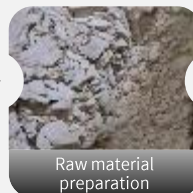
EP - Extrusion molding

Process description : The extrusion molding process is used to manufacture treats, supplements, and other products by mixing various nutrients and functional ingredients.

Major products : chews, nutritional supplements, etc.



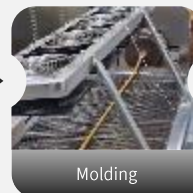
Raw material receipt and inspection



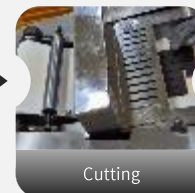
Raw material preparation



Mixing



Molding



Cutting



Inspection



Packaging

WEP- Extrusion molding

Process description : The extrusion process is used to mass-produce pet food and treats, and more.

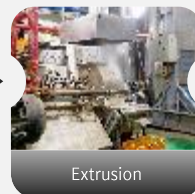
Major products : dry food, semi-moist food, burgers



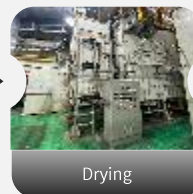
Raw material receipt and inspection



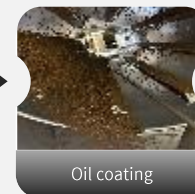
Monomer combination



Extrusion



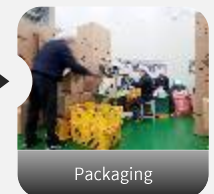
Drying



Oil coating



Inspection



Packaging

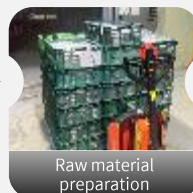
RT - Retort

Process description : The process involves manufacturing sterilized various forms of wet products with high durability.

Major products : pouches, sticks, cans, cups, etc.



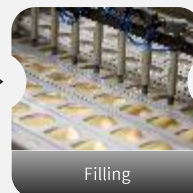
Raw material receipt and inspection



Raw material preparation



Mixing and heating



Filling



Inspection



Retort



Packaging

05

1. Quality management

ATBIO & MISO hold certifications not only in HACCP but also ISO9001 (quality management certification), ISO14001 (environmental management certification), and FSSC22000 (global food safety system certification), operating under an advanced quality control system.

To maintain safe and consistent quality from raw materials to end products, we conduct various quality inspection tests.



- **Thorough quality control and safety inspections**

Multi-stage quality inspections are rigorously conducted to ship only products that meet strict standards.

Quality measurement**Product measurement for consistent quality control**

Moisture meters, water activity meters, colorimeters, digital viscometers, Bostwick viscometers, etc.

Hazard management**Secured product stability and hazard management**

General metal detectors, metal detectors (Aluscan), x-ray detectors, etc.

Product management**Precise product selection and management**

Temperature-controlled chamber and temperature controller, light meter, material testing instrument, high-pressure steam sterilizer, etc.

06

1. Quality management

Introducing **ATBIO & MISO**'s flagship products

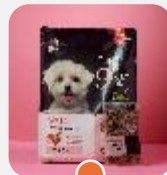
For dogs : ●

For cats : ●

Pet food

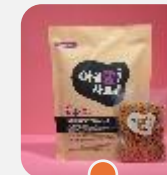
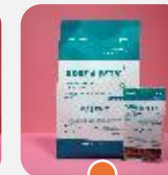
Extruded pet food

(Dry, semi-moist)

Production line :
W-EPCheongdam Doctors
Lab Daily Solution
Pet FoodMoguchon
Pet Level 9Ilhyeon Corporation
Dr. Dog Grain Free

Pet food

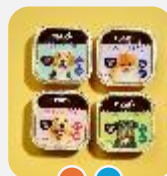
Steam cooked pet food

Production line :
STArtemis Achimae
Pet FoodBon Appetit Plus
Salmon Handmade
Pet FoodGNOne FucoHolic
Insect Dog

Pet food

Wet pet food

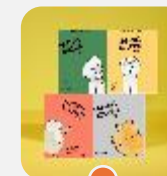
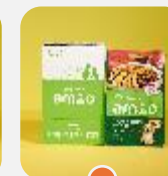
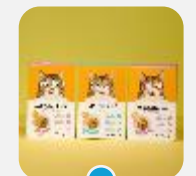
(Canned)

Production line :
RTEmart Molly's
ProbalanceCHD Anoredix
Administration
Assistant/Appetite
Enhancement for DogsJeil Feed Corporation
Velixer Prescription
Wet Food

Pet food

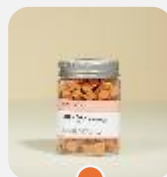
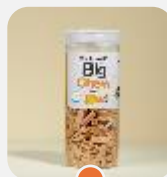
Retort pet food

(Wet)

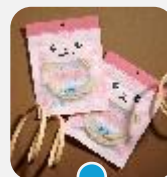
Production line :
ST/RTDarling Kitchen
Korea Jayeon
HwasikPulmuone Jayeon
Dameun
Youngyangsik DogLotte Mart Colioli
Grain-free Pouch

Treats

Jerries

(Regular, bulk,
functional,
for training)Production line :
STInsolvic
Jinjja Series

Pet Box Big Chew



Wire chew

Treats

Nutritional supplements

(Jerky, chew, blister)

Production line :
EPElosBio
GangChew JointDongkook
Pharmaceutical
Canivita Multi-
collagenBecky and Glee
Real Boswellia
/Astymin Eyes

06

1. Quality management

Introducing **ATBIO & MISO**'s flagship products

For dogs :

For cats :

Treats

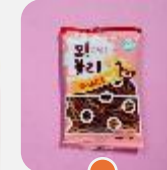
Dental chew

(Regular chew,
core chew, puffed
chew)Production line :
EPCargill Anabrush/
One Day CareSignature By
StomoActCore Appitz
Coconut Chewing
Stick

Treats

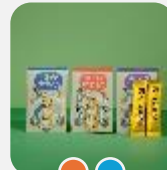
Burger

(Jerky)

Production line :
W-EPObli Burger
SeriesPet the Man
Duck Meat Cheese
BurgerArtemis Achimae
Gansik Salmon
Burger

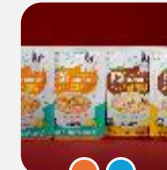
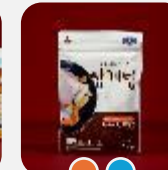
Treats

Wet treats

(Stick, jelly stick,
spout)Production line :
RTBoryung Liebepets
Dang Dang Jja
Yo/Nyang Nyang Jja
YoThe Founders Haru
Chaem Nature
SeriesKian Nyang-gaeng
Original

Treats

Pouch-type

(Porridge, soup,
liquid food)Production line :
RTGoobnemall
Dhuman Youngyang
Deumbuk Soup
Series

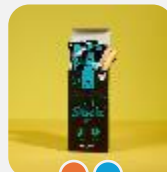
Bellbird Soup

Ncare
tube liquid food

Treats

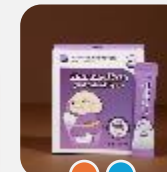
Heat Cooked

(Stick Type)

Production line :
ST/RTNyang Hot Bar, Mung
Hot BarS Class Pet Palgong
BeefLux Dogs Chicken
Protein Bar

Treats

Powder

(Nutritional
supplements)Production line :
PowderAppitz Earnest
HeroProject21
Joint CareKorea Yakult
Double Care

ALWAYS TOGETHER,

ATBIO & MISO

ATBIO

Address. 16 Palyasandan-ro, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Korea (Gwangneung Techno Valley)

E-mail. marketing@atbio.co.kr

Phone. 82-31-534-1663, 1664 | **Fax.** 82-31-534-0073

MISO

Address. 42-185 Baramgol-gil, Gyeongbok-daero, Jinjeop-eup, Namyangju-si, Gyeonggi-do, Korea

E-mail. miso1@misono1.com

Phone. 82-31-527-3793 | **Fax.** 82-31-527-3975

www.atbio.co.kr

