



Hwanhee Co., Ltd., Hwanhee Machinery

Turnkey Food-Automation Line Solutions

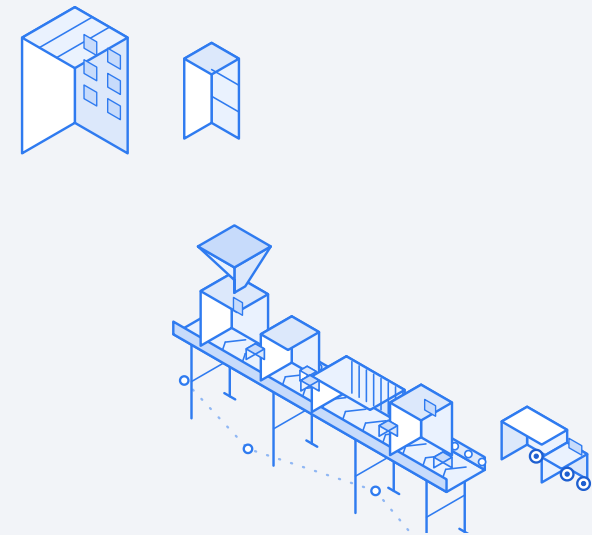
Hwanhee Machinery Company Profile

From mixing to packaging, we design, build,
and supply Korea's only fully integrated
automated production lines.

Quotes & Inquiries

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01. Company Introduction

Custom-tailored **integrated automated production lines** — Korea's only company that designs, builds, and supplies them

Hwanhee Co., Ltd. builds the machinery essential to producing tteok, naengmyeon, dangmyeon, and pet treats — mixers, formers, dehumidifying coolers, and more. Applying 20+ core patents earned through continuous R&D since its founding, it delivers custom automated production lines on a turnkey basis.

1999

Founded as Hwanhee Machinery ·
Incorporated as Hwanhee Co., Ltd. in 2010

20+

Core patents & utility-model
rights accumulated

Mfg.

Food-machinery manufacturing ·
Turnkey installation

01. Company · History

Company History



02. Technical Edge

Four competitive technology edges

01 Integrated design · Turnkey

Korea's only firm that integrates machinery and electrical-control systems into a single turnkey line.

02 Instant production · 1-yr free A/S

After on-site installation we verify production via test runs, hand over, train operators, and guarantee quality with 1 year of free after-sales service.

03 Durability · Hygiene

Every stage is built in stainless steel for roughly 3× the durability of competitors, with folding conveyors for easy cleaning.

04 20 years of integrated know-how

Two decades of accumulated expertise and 20+ patents let us flexibly resolve any issue that arises in production.

03. Products

8 Core Machines with Patented Technology

Mixer

Uniformly blends dough with mixing water

Dough-density patent

former

Evenly mixes extruded dough and forms it to shape

Integrated-forming patent

Cooling · N-fold conveyor

Cools and dehumidifies noodles, folding them to 1/3 size

Packing-efficiency patent

Alcohol-dip conveyor

Passes product through alcohol to sterilize and separate

Alcohol auto-control patent

Dehumidifying N-tier conveyor

Fully dehumidifies and cools product in a small footprint

Multi-tier conveyor patent

Grain-soaking unit

Rapidly soaks grain before milling

Grain-soaking patent

Continuous steamer

Automatically steams dough without an operator

Auto-steaming patent

Grain grinder

Finely grinds soaked grain with a double shaft

Fine-grinding patent

04. Automated Lines

Customer-tailored **Four Production Lines**

01 Tteok Line

Rice flour

Continuous steamer (auto) · Pressurized steamer (manual) · Boiler-free former

Whole grain

Continuous steamer (auto)

02 Naengmyeon Line

Standard conveyor

Needs dehumid/cooling facility · Not needed with N-tier cooling

Folding conveyor

Needs dehumid/cooling facility · Not needed with N-tier cooling

03 Dangmyeon Line

Hand-made

Standard dangmyeon

Banjagi

Dangmyeon for sundae filling

04 Pet-Treat Line

Pet Treats

Similar to the naengmyeon line but a dedicated line with different product shape and cut length

04. Automated Lines · Tteok

Tteok Production Line

Handles both rice-flour and whole-grain inputs, configured to the customer’s facility — continuous or pressurized steaming, and boiler-free forming.

Production Method

Rice flour

Continuous steamer (auto) · Pressurized steamer (manual) · Boiler-free former

Whole grain

After grain soaking & grinding, integrated production via continuous steamer (auto)

Process Flow runs in sequence from weighing/blending through packaging

01 Weighing

Auto-weighs inputs to the recipe

02 Soaking

Rapidly soaks grain before milling

03 Grinding

Finely grinds soaked grain with a double shaft

04 1st Mixing

First blend of rice flour and sub-ingredients

05 2nd Mixing

Re-blends uniformly with mixing water

06 Steaming

Auto-steamers dough in a continuous steamer

07 Forming

Extrudes and forms to the tteok shape

08 Cooling

Surface-cools on a dehumidifying conveyor

09 Cutting

Auto-cuts to spec length

10 Alcohol

Alcohol dip to sterilize and separate

11 Packaging

Auto-packs the finished product

Naengmyeon Production Line

Choose standard or folding conveyor; with N-tier cooling, production needs no separate dehumidifying/cooling facility.

Production Method

Standard conveyor

Needs dehumid/cooling facility · Not needed with N-tier cooling

Folding conveyor

Needs dehumid/cooling facility · Not needed with N-tier cooling · Easy to clean

Process Flow runs in sequence from weighing/blending through packaging

01 Mixing

Uniformly blends inputs with mixing water

02 Forming

Forms noodle strands by extrusion

03 Cool-Cut-Fold

Cools, cuts, and folds to 1/3 size

04 Aging

Ages strands to improve texture

05 Freezing

Quick-freezes for shelf life

06 Thaw-Dry

Thaw then dry (for dried noodles)

04. Automated Lines · Dangmyeon

Dangmyeon Production Line

Korea’s first automated dangmyeon line, producing both regular hand-made dangmyeon and banjagi dangmyeon for sundae filling.

Production Method

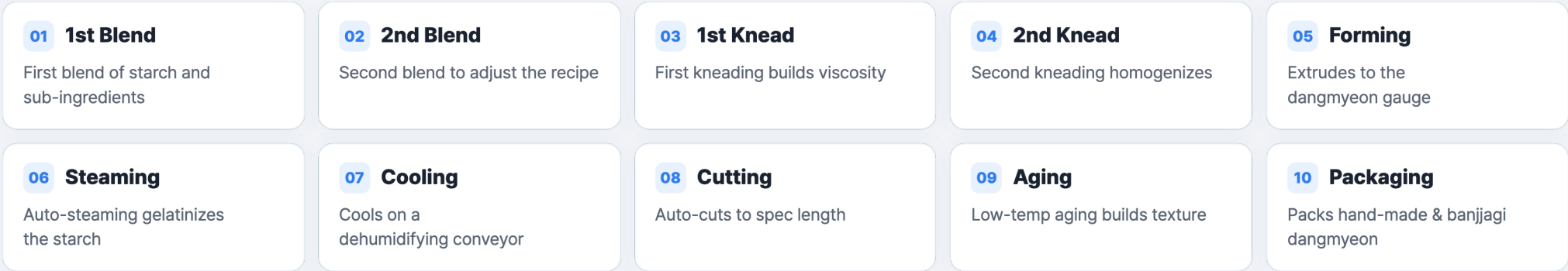
Hand-made

Standard dangmyeon

Banjagi line

Produces banjagi dangmyeon for sundae filling

Process Flow runs in sequence from weighing/blending through packaging



Pet Treats Production Line

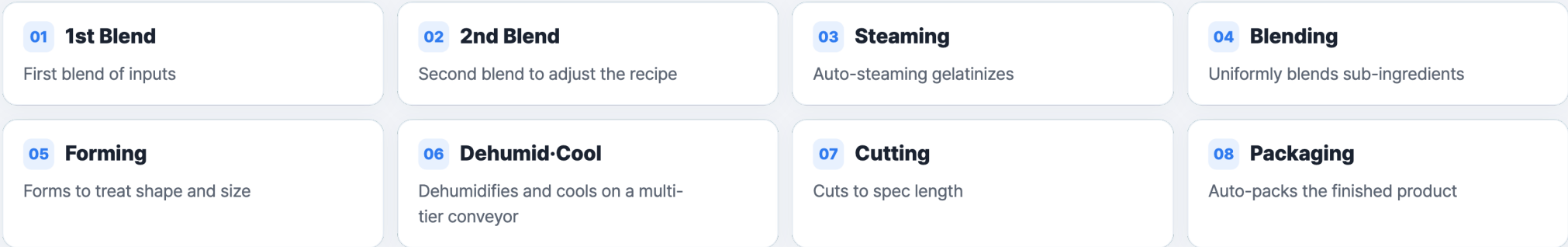
Structured like the naengmyeon line but configured as a dedicated pet-treat line with different product shape and cut length.

Production Method

Pet-treat only

Naengmyeon-like structure · dedicated design with product shape and cut length matched to treat specs

Process Flow runs in sequence from weighing/blending through packaging



05. Clients

Partnering with leading processed-food companies

Working with Shinsegae, CJ CheilJedang, Pulmuone, Ottogi, Nongshim, Daesang, Lotte Foods, Aju Home and many other processed-food companies at home and abroad.

05. Representative Track Record

500+ Deliveries Since 1999

Cumulative Deliveries

500+

A record of trust and technology built since our founding in 1999.

27 yrs

in business

6 countries

exported to

China · Japan · USA · Vietnam · Indonesia · Taiwan

511 cases

Tteok & Tteokbokki

Since 2009 · Most deliveries

104 cases

Naengmyeon

Since 2008 · Longest record

27 cases

Dangmyeon

Since 2014 · Korea's first

15 cases

Pet Treats & Others

Since 2011 · incl. plant-based meat

05. Representative Track Record

Tteok & Tteokbokki Equipment 2009 – 2017

2009

동성식품 – Cheese-tteokbokki line

미림원 – tteok line

2010

디엠지푸드 – tteok line

덕산식품 – Tteok equipment fabrication & install

2011

우석식품 – 15HP tteok line

한스코리아 – 15·30HP forming line

2012

산돌식품 – tteok line

영풍물산 – Tteok forming line

떡안애 – tteok line

선진식품 – wheattteok line

2013

하얀햇살 – tteok line

송학식품 – tteok line

피스푸드 – tteok line

죽암에프앤씨 – Tteok packaging line

2014

미정 – Tteokbokki automatic line

덕산식품 – Tteok line equipment

동성식품 – Tteok automation machine

2015

동성식품 – Tteok automation line

청도백란그룹(중국) – tteok line

덕산식품 – Tteokbokki-tteok equipment

미정 – Tteokguk line

2016

강동퓨어푸드 – Tteok automatic equipment line

풀무원홀딩스 – Rice-flour & wheat-flour line

청도오마나식품(중국) – tteok line

아이케이푸드 – Rice/wheat-tteok line, etc.

덕산식품 – Tteok Line (1 set)

죽암에프앤씨 – Tteokguk & tteokbokki-tteok forming line

화성한과 – Tteokguk & tteokbokki-tteok forming line

2017

미정 – Tteok rice-transfer equipment fabrication & install

안성떡방 – Tteok, tteokguk & tteokbokki-tteok line

05. Representative Track Record

Tteok & Tteokbokki Equipment 2018 – 2021

2018

칠갑농산(파주) – 50HP line

덕산식품 – Soak-grind rice-tteok line

덕산식품 – Rice-flour rice-tteok line (1 set)

2019

미정 – Tteokbokki-tteok manufacturing equipment

고향식품 – 50HP former, tteokbokki-tteok

선진식품 – wheat tteok

광신제면 – Tteokguk & tteokbokki-tteok
secondary processing

송악농협 – Tteok processing-plant automation

푸르메FS – Tteok

청도태양초·사나이식품(중국) – Tteok

아이케이푸드 – Wheat tteokbokki

맛찬들백미식품 – Tteokguk-tteok secondary processing

강남식품 – Smart-factory build

미원 베트남 – Tteok

백제 – Tteokguk & tteokbokki-tteok

유수식품 – Wheat tteokbokki

2020

덕산식품 증평공장 – Secondary processing

이가자연면 – Boiled noodles & tteokbokki-tteok

칠갑농산 – Tteokguk & tteokbokki-tteok
secondary processing

밀앤스토리 – Wheat-tteok line (1 set)

하안햇살 – Rice-flour rice tteokbokki

화성한과 – Non-hardening tteok automation

팔팔식품 – Bunmoja line

예원농산 – Rice-flour tteokbokki-tteok

청복 – Tteok steaming line

2021

Jan : 아이사랑 정푸드 – Tteok Line

Feb : 오투기냉동식품 – noodle & tteokbokki Equipment

Feb : CJ제일제당 연구소 – Tteokbokki pilot equipment

Feb : (유)강남식품 – noodle & tteok Line

May : (재)발효미생물산업진흥원 – Sunchang fermented
tteokbokki-tteok

Jun : 정남농협 – Continuous steaming line
(rice flour/rice)

Sep : 중국/폴무원 – Tteok Line

죽암에프앤씨 – Tteokguk & tteokbokki-tteok relocation
& new install

굿마인드 – Non-hardening tteok direct

동원F&B연구소 – 7.5HP former, etc.

도리스 – Rice-flour tteokguk & tteokbokki-tteok
secondary processing

05. Representative Track Record

Tteok & Tteokbokki Equipment 2022 – 2026

2022

Feb : (주)영풍 – Rice-flour continuous-steaming line

Mar : (주)아이케이푸드 – Grinder, etc.

May : (주)죽암에프앤씨 – 75HP wheat-tteok (frozen/chilled) & noodle-tteok (frozen) line

Jun : (주)영풍 – Rice-flour (continuous steaming) tteokbokki-tteok line

Jun : 정남농협 – brine tank, grinder, tteokguk-tteok cutter, 2nd former and lift conveyor

Aug : 신천지식품(주) – noodle, sujebi Production Line

Sep : (주)면사랑 – wheat tteok, rice tteok Line

Oct : 주식회사 고수룩식품 – Tteok manufacturing equipment and packaging equipment fabrication

Oct : (주)대원기계 – Ambient-storage tteokbokki-tteok equipment fabrication

2023

Mar : 정남농협 – Garae-tteok cutting conveyor, tteok-tray aligner, sauce and paste agitator etc.

Apr : 대상(주)/인도네시아 – Rice tteokbokki-tteok production & secondary-processing line

Aug : (주)신전푸드시스 – 75HP Tteok Line

Aug : (주)엔셀 – Line-1 structural upgrade & new fabrication, etc.

Oct : (주)엔셀 – Line-2 structural upgrade & new fabrication, added items, etc.

Nov : (주)면사랑 – rice-processing #2(wheat tteok) 75HP former fabrication, replacement work

2024

Jan : 대만/코모사 – 75HP Tteok, noodle, shaped tteok Line

Mar : (주)밀앤스토리 – Wheat-tteokbokki direct line

Mar : 정남농협 웰빙떡 – Tteokguk-tteok secondary-processing line

2026

Jul : (주)영풍 – Rice-based expansion line (new) · planned

05. Representative Track Record

Naengmyeon & Noodle Equipment 2008 – 2019

2008

신세계푸드 – 50HP naengmyeon line

2009

아워홈 – 50HP

합천식품 – 50HP automatic line

한스코리아 – 15HP forming line

2010

우리들영농조합 – Tteokguk, naengmyeon & rice-noodle line

청수식품 – 50HP

2011

미가원 – 15HP

강원식품 – 50HP

강남식품 – 30HP forming line

2012

청하우 – 30HP

고향식품 – 50HP

덕천푸드 – 30HP naengmyeon & sujebi

성림에프앤비 – 50HP, 2 lines

선진식품 – 50HP

2013

세진식품 – 30HP rice-noodle line

풀무원홀딩스(중국) – Naengmyeon

Alcohol-Freezingnoodle forming line

풀무원홀딩스(중국) – Naengmyeon & broth line

2015

산돌식품 – 50HP line

우리가 – 50HP automation line

2016

청도백란그룹(중국) – 50HP

신세계푸드 – 50HP naengmyeon unit

영우냉동식품 – Naengmyeon-extrusion forming line

설악식품 – Naengmyeon & rice noodles

2017

안성식품 – 50HP naengmyeon, 2 lines

2018

삼보식품 – 30HP, 2 lines

키다리식품 – LL-noodle line

정원식품 – 30HP

2019

청도태양초·사나이식품(중국) – 60HP forming line

광신제면 – 50HP

05. Representative Track Record

Naengmyeon & Noodle Equipment 2020 – 2025

2020

심양무순시업업(중국) – 60HP naengmyeon & wave-noodle, 3 lines

우리밀영농법인 – Korean-wheat naengmyeon

밀앤스토리 – Naengmyeon line (2 sets)

대광 – 50HP rice noodles (dried)

올리(중국) – 30HP noodles

한스코리아 – Naengmyeon

길림상니식품(중국) – 60HP

2021

명동쫄면 – 15HP noodles (1 set)

해양보부식품(중국) – 60HP

Feb : 오투기냉동식품 – noodle & tteokbokki Equipment

Feb : (유)강남식품 – noodle & tteok Line

Oct : (주)올리 – 30HP noodle line

2022

Mar : (주)면사랑 – Cold/jjolmyeon line equipment, repairs, etc.

Jun : (주)미정 – boiled noodle Mixing fabrication install

Sep : 피피이씨음성생면(주) – Naengmyeon-line screw, barrel & hopper replacement

Sep : (주)면사랑 – 50HP former repair and relocation & install

2023

May : (주)모든시스템 – 30HP noodle line

Oct : (주)라라에프앤비 – 50HP noodle line

2024

Mar : (주)면누리 – 50HP noodle line

Mar : 한돌푸드(주) – Sujebi & wave-noodle line

Jan : 대만/코모사 – 75HP Tteok-noodle-shaped tteok Line

Nov : 칠갑농산(주)/청양공장 – 75HP dual-extrusion multi-product noodle-sheet production line

2025

May : 칠갑농산(주)/청양공장 – 100HP dual-extrusion line

Dec : 북경신세력유한공사 – 30HP noodles Production Line

Dec : (유)큰바위식품 – 50HP rice-noodle line

05. Representative Track Record

Dangmyeon · Others · Pet Treats Equipment ~ 2026

Pet-Treat Equipment

2011

포켄스 – Pet-Treat Line

2018

미국 쿨일(포켄스) – PET FOOD production equipment

2020

에이티바이오 – Pet Treats line

2021

펫원 – Dental-chew automation line

2022

Mar : (주)피에스코리아/펫파트너 – Pressurized steamer, etc.

Jun : (주)펫원 – Jerky-processing automation line

2023

Oct : (주)이글벳 – Pet-pharmaceutical line

2024

Feb : (주)포켄스 – Powder pretreatment & transfer unit

Apr : (주)더블유앤이케이 – Barbie's Factory automation unit & control

Dangmyeon Equipment

2014

백제물산 – Hand-made

2016

쿵도우(아이쿵생협) – Dangmyeon & naengmyeon line

2021

삼화진식품 – hand-made dangmyeon Line

2022

Nov : (주)케이티 – Hanbak Food eco-factory gelatinizer supply & install

Others Equipment

2017

리뉴얼라이프 – Rice-cracker line

2022

May : (주)지구인컴퍼니 – Plant-based-meat line

Aug : (주)알티스트 – Plant-based-meat line

Aug : (주)알티스트 – Steamer (steam-pressurized)

2023

Feb : (주)알티스트/미국 – Plant-based-meat line

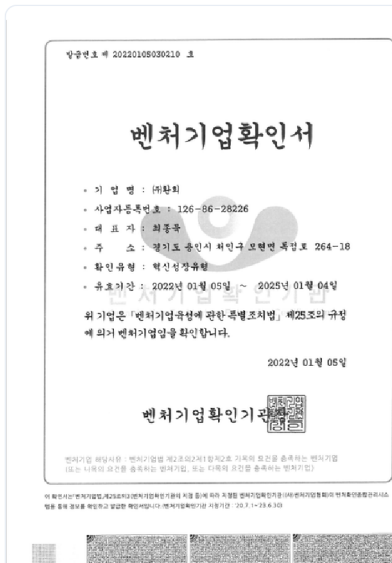
2024

Aug : 청원생명농협쌀조합 – Rice-snack line

06. Certifications

Technology & Growth Recognized by Accredited Bodies

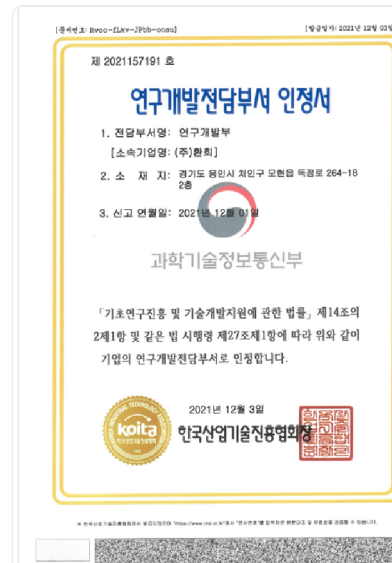
Officially recognized as a technology-based enterprise through venture-firm confirmation, R&D-department accreditation, and top-tier technology certification.



Venture Business Certificate

Confirmed as an innovation-growth-type venture business under Article 25 of the Special Act on Venture Business Promotion.

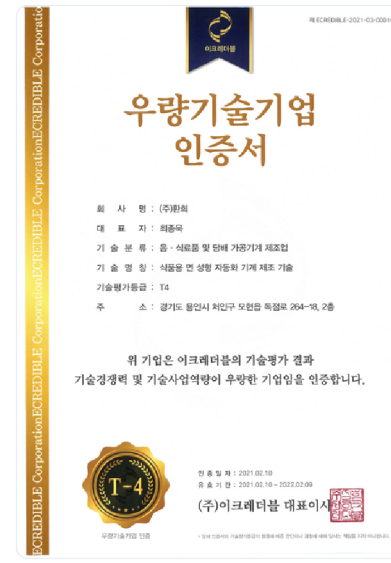
Venture Confirmation Agency · Jan 2022



R&D Department Accreditation

The R&D division was accredited as a dedicated department by KOITA under the Ministry of Science and ICT.

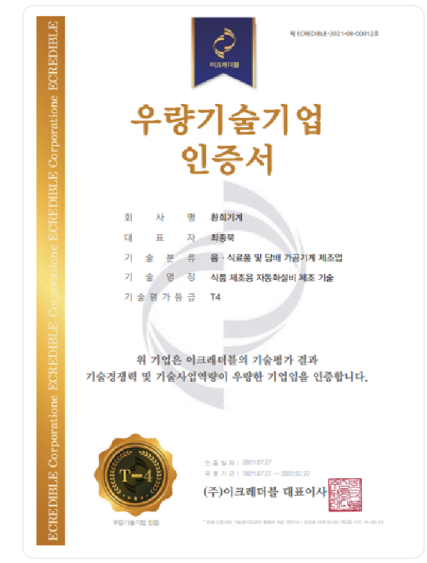
KOITA · Dec 2021



Top-tier Tech Cert · Hwanhee Co., Ltd.

Awarded top-tier (T4) certification for technology competitiveness and commercialization capability in food noodle-forming automation machinery.

eCredible · Feb 2021



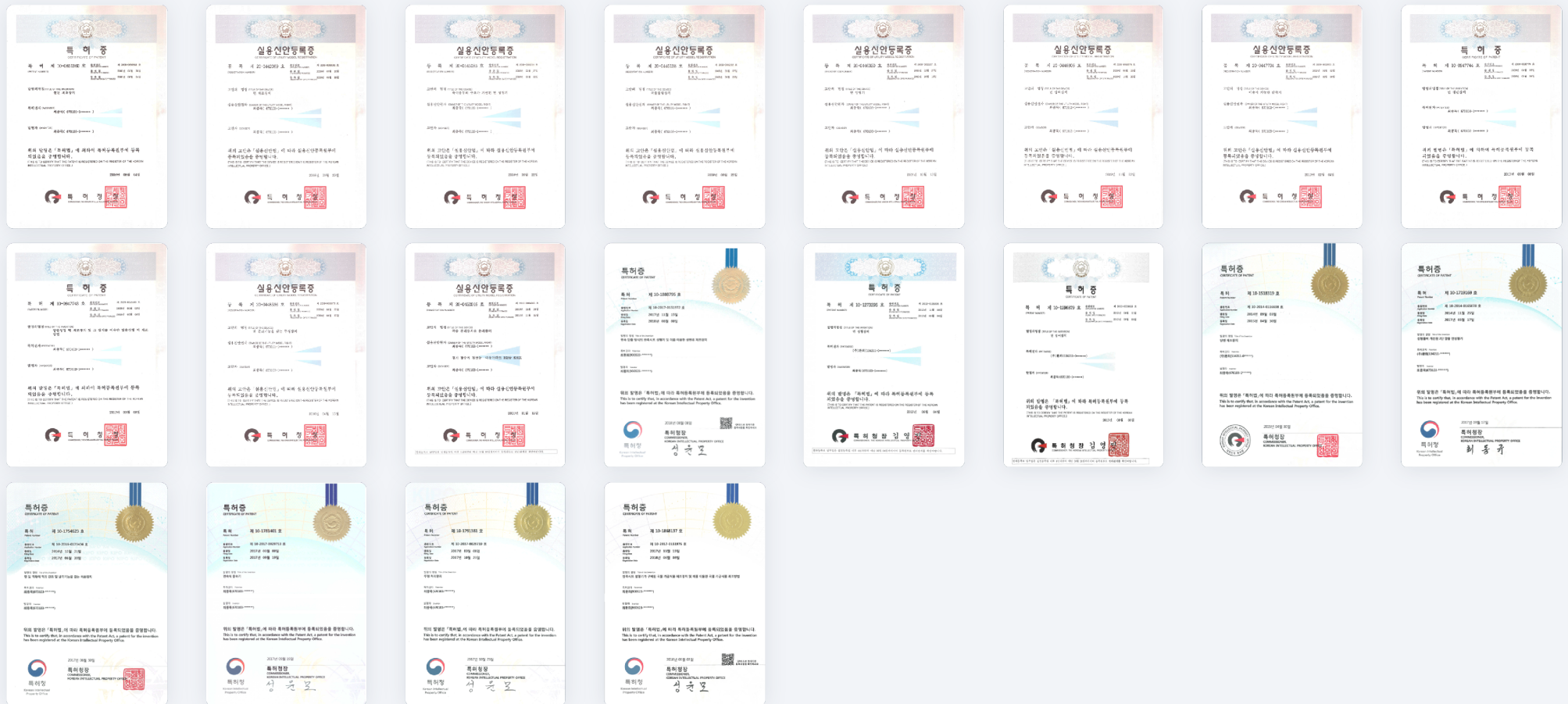
Top-tier Tech Cert · Hwanhee Machinery

Awarded top-tier (T4) technology-evaluation certification for manufacturing food-production automation equipment.

eCredible · Jul 2021

Patent & Utility-Model Certificates

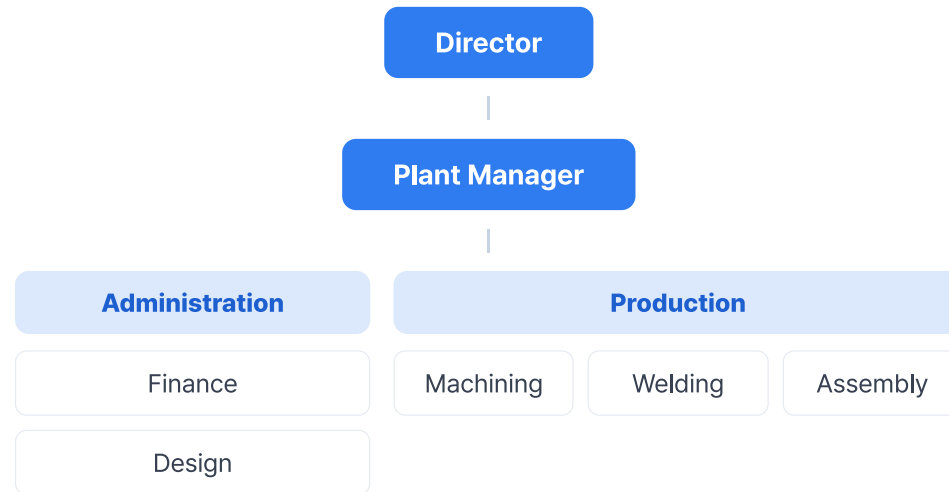
The 20 patent and utility-model certificates held by Hwanhee Machinery.



06. Company Info

Company Information

Organization



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