



SINKHAN MACHINE **COMPANY**

PROPOSAL

Exploring the mysterious value of recycling and its impact on our world.



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ABOUT US

Established in 1991, SINKHAN MACHINE has provided customers with the best service and quality at competitive prices anytime, anywhere. SINKHAN MACHINE's motto is based on customer orientation and cutting-edge technology.

The management system that has acquired quality and quality certifications such as ISO 9001, ISO 14001, and CE mark guarantees the high quality of the company's products and perfect customer service.

SINKHAN MACHINE has strived to meet customer needs, improve product quality, and develop new products.



HISTORY

2003

ABS Extrusion Line & PP ABS Extrusion Line supplied domestically

2011

Aluminum Composite Panel Production Line exported overseas

2019

Compounding extrusion line domestic supply

2020

Domestic supply of FR Extrusion production line for biodegradable resin

2021

Domestic supply of Twin compounding extrusion line for flame retardant resin

2023

SINKHAN Mr-PET pellet production line development and domestic supply

VISION

SINKHAN MACHINE's vision is to develop into a world-leading company in the extruder field and strive to become a symbol of innovation and excellence in the extruder industry. We provide customers with the best extrusion production lines based on innovative technology and excellent quality, and pursue sustainable development and environmental protection. In addition, we aim to grow into a global leader that leads industry trends and helps customers succeed.

MISSION

Our goal is to provide customer-centered, customized solutions. We provide efficient and high-quality extrusion production lines based on advanced technology and excellent manufacturing capabilities to meet our customers' specific needs. Additionally, we pursue sustainable management and prioritize environmental responsibility and customer satisfaction. Our mission is to help our customers succeed and contribute to the advancement of the extruder industry through innovation and creativity.

VISION & MISSION

SINKHAN MACHINE pursues sustainable management and strives to fulfill its responsibility for the environment. We apply the latest technologies and processes to produce environmentally friendly products, improve energy efficiency, conserve resources and promote recycling.

BUSINESS PROCESS



REQUIREMENTS ANALYSIS & CONSULTING

We thoroughly analyze and understand our customers' requirements. We lay the foundation for providing optimal solutions by understanding the customer's industrial field, production process, and product specifications. This allows us to communicate seamlessly with our customers to resolve issues and identify additional requirements.



DESIGN & MANUFACTURING

We utilize advanced technology and experience to design and manufacture extrusion production lines based on customers' needs. We develop lines with optimal configuration and functionality tailored to our customers' specific needs and goals. We provide excellent quality products by strictly adhering to the quality management system and production process.



SETUP & TEST

The extrusion production line is installed on site and a trial run is conducted to ensure accurate operation and safety. Our professional installation team maintains accuracy and efficiency during the installation process, making specific adjustments and assembly tasks when necessary. Afterwards, we thoroughly verify the function and performance of the line to ensure stable operation for our customers.

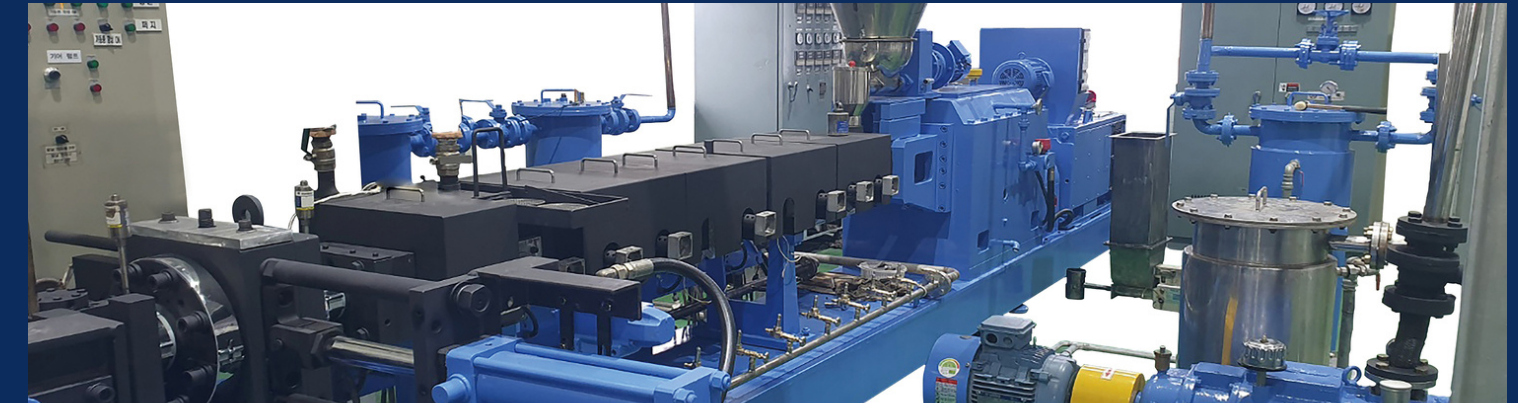


TRAINING & SUPPORT

We provide our customers with the necessary technical support for operation and maintenance. Our experts impart knowledge and know-how on how extrusion production lines operate, maintenance procedures, troubleshooting, and more. Additionally, we provide ongoing technical support upon customer request, allowing us to respond quickly when problems arise. This helps maximize our customers' operational efficiency and productivity and helps them achieve continued success.



동방향 트윈 세그먼트 압출기



PORTFOLIO

- SINKHAN MR-PET PELLET PRODUCTION LINE
- TWIN COMPOUNDING EXTRUSION LINE
- FR EXTRUSION LINE
- COMPOUNDING EXTRUDER

2024 PRODUCTION LINE LINEUP

PRODUCTION LINE 1

SINKHAN Mr-PET pellet production line

The SINKHAN Mr-PET pellet production line is a state-of-the-art system for producing high-quality recycled PET pellets. The product is a high-quality r-PET pellet with an Iv value of 0.80 dl/g or higher, and is used as a raw material in various fields such as food packaging containers, medical supplies, and clothing.

The production process is environmentally friendly and is a sustainable business by promoting resource recycling, making it a new level of recycling business in the plastic recycling business.

Production capacity 1500~2000kg/h



Mr-PET Production line by SINKHAN MACHINE

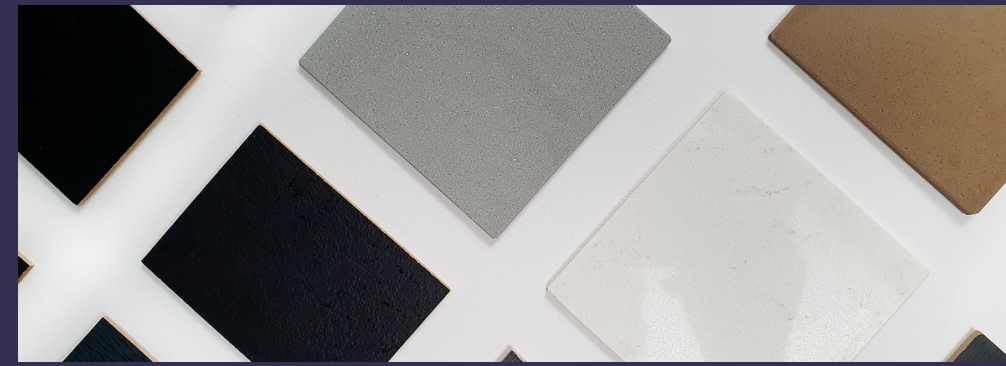
Produces more than 0.8 dl/g of IV



TWIN Compounding extrusion line

It is optimized for the production of flame-retardant plastic resin and is used in various fields. It is widely applied to interior and exterior building materials, and composite exterior materials for buildings must meet KS F ISO 5660-1 (semi-incombustible and flame retardant standards) and KS F 2271 (gas hazard standards). These standards are important to ensure the safety and fire resistance of buildings.

It has the ability to produce butyl and TPV (Thermoplastic Vulcanizate) pellets. It is a material that has both rubber elasticity and plastic thermoplasticity, and is widely used in various industrial fields such as automobiles, home appliances, and medical supplies. This material has excellent heat resistance and low transparency, and has waterproof and adhesive properties, so it is used to protect against external elements.



Production capacity 1000~1300kg/h
동방향 트윈 세그먼트 압출

PRODUCTION LINE 2



FR Extrusion line

PRODUCTION LINE 3

Production of biodegradable plastic pellets based on PLA+CNF produced in our latest compounding extrusion equipment.

- biodegradable resin
- wood flour
- PBC (Poly bio ceramic) photodegradable plastic



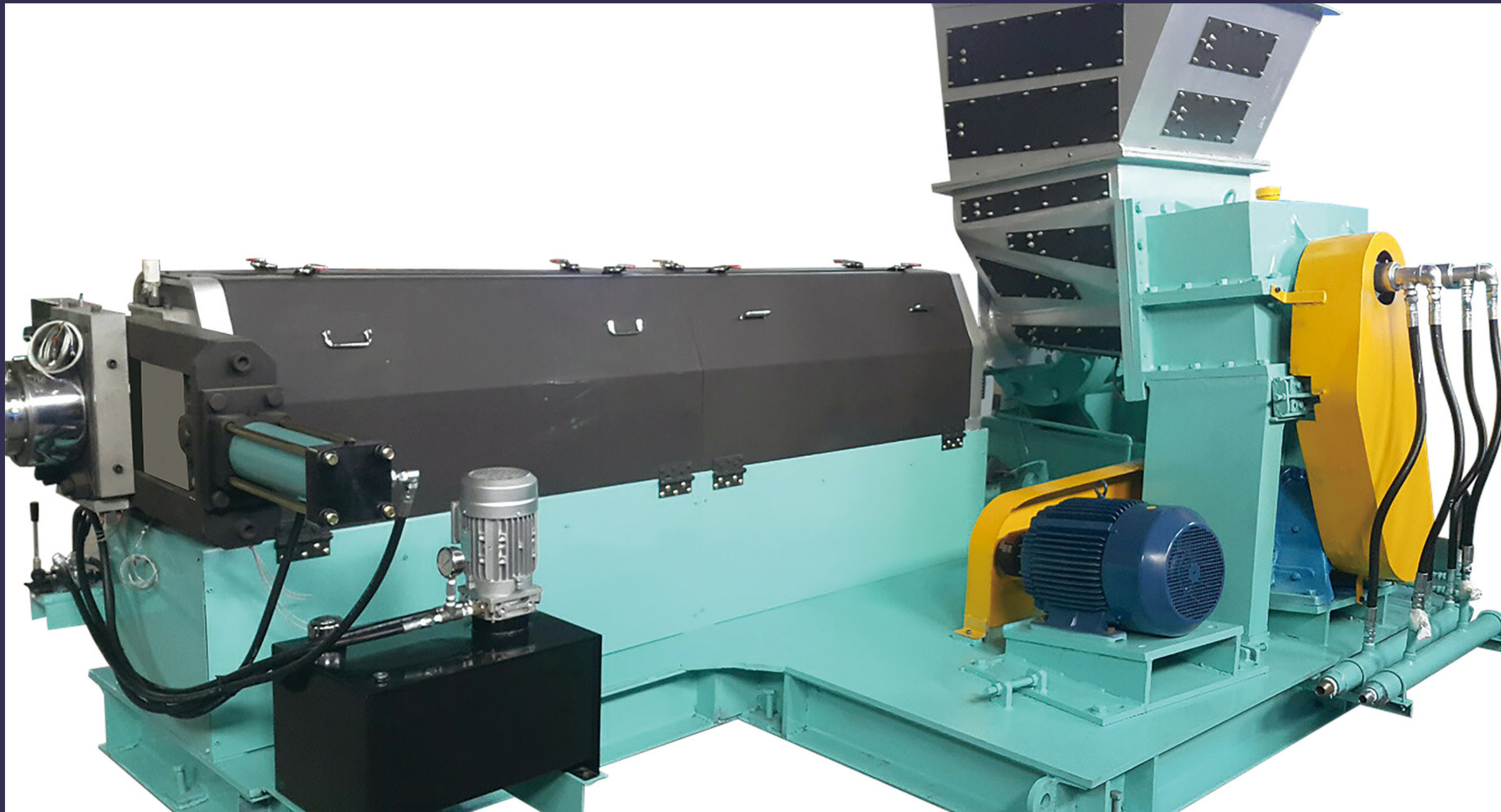


PRODUCTION LINE 4

COMPOUNDING EXTRUDER

Production capacity: 800~1200kg/h, L/D 22:1

- master batch
- Recycled raw material filler
- PP, PS



CERTIFICATION



특허증

CERTIFICATE OF PATENT

특허

제 10-2484744 호

Patent Number

출원번호

제 10-2022-0037834 호

Application Number

출원일

2022년 03월 28일

Filing Date

등록일

2023년 01월 02일

Registration Date

발명의 명칭

Title of the Invention

동방향 회전 트윈 스크류를 구비한 플라스틱 컴파운드 제조용 압출장치

특허권자

Patentee

주식회사 신칸머신(134811-*****)

경기도 시흥시 엠티브이27로58번길 3, 107호 (정왕동)

발명자

Inventor

유제하(660821-*****)

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위의 발명은 「특허법」에 따라 특허원부에 등록되었음을 증명합니다.

This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

특허청

Korean Intellectual Property Office

2023년 01월 02일

특허청장

COMMISSIONER,

KOREAN INTELLECTUAL PROPERTY OFFICE

이인실

QR코드로
등록사항을 확인

특허증

CERTIFICATE OF PATENT

특허

제 10-2179536 호

Patent Number

출원번호

제 10-2020-0020955 호

Application Number

출원일

2020년 02월 20일

Filing Date

등록일

2020년 11월 10일

Registration Date

발명의 명칭

Title of the Invention

난연 인조목분 플라스틱 컴파운드 제조용 압출장치

특허권자

Patentee

유제하 (**)

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발명자

Inventor

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Korean Intellectual Property Office

2020년 11월 10일

특허청장

COMMISSIONER,

KOREAN INTELLECTUAL PROPERTY OFFICE

김용래

QR코드로
등록사항을 확인

상표등록증

CERTIFICATE OF TRADEMARK REGISTRATION

등록

제 40-2108205 호

Registration Number

출원번호

제 40-2022-0047129 호

Application Number

출원일

2022년 03월 15일

Filing Date

등록일

2023년 11월 06일

Registration Date

상표권자

Owner of the Trademark Right

유제하(660821-*****)

경기도 시흥시 엠티브이27로58번길 3, 107호 (정왕동)

상표를 사용할 상품 및 구분

List Of Goods

제 07 류

고무 제조기등 17건

트윈에프알압출기

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This is to certify that, in accordance with the Trademark Act, the trademark has been registered at the Korean Intellectual Property Office.

특허청

Korean Intellectual Property Office

2023년 11월 06일

특허청장

COMMISSIONER,

KOREAN INTELLECTUAL PROPERTY OFFICE

이인실

QR코드로
등록사항을 확인

CERTIFICATE OF REGISTRATION

QUALITY MANAGEMENT SYSTEM

SINKHAN MACHINE CO., LTD.

Rm.107, 3, Emtibeui 27-ro 58beon-gil, Siheung-si, Gyeonggi-do, Korea

KSC Registrar certifies that the Quality Management System of the above organization has been assessed and found to be in accordance with the requirements of the standards below.

Certi.No. : KSQA-222119

Standard

KS Q ISO 9001 : 2015 / ISO 9001 : 2015

Scope of Certification

Manufacture of Extruder

Certification Date : 09.May.2022

Valid Date : 08.May.2025

Issue Date : 09.May.2022

Authorized By :

President

KOREA SYSTEM CERTIFICATION BODY.

07228 Rm.307, 220, Yeongsin-ro, Yeongdeungpo-gu, Seoul, Korea

Tel 02-2039-7272 Fax 02-2039-7279 www.kscqa.com

한국시스템인증

Korea System Certification Body



THANK YOU

We look forward to working with you

OFFICE



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