

Your Reliable Partner

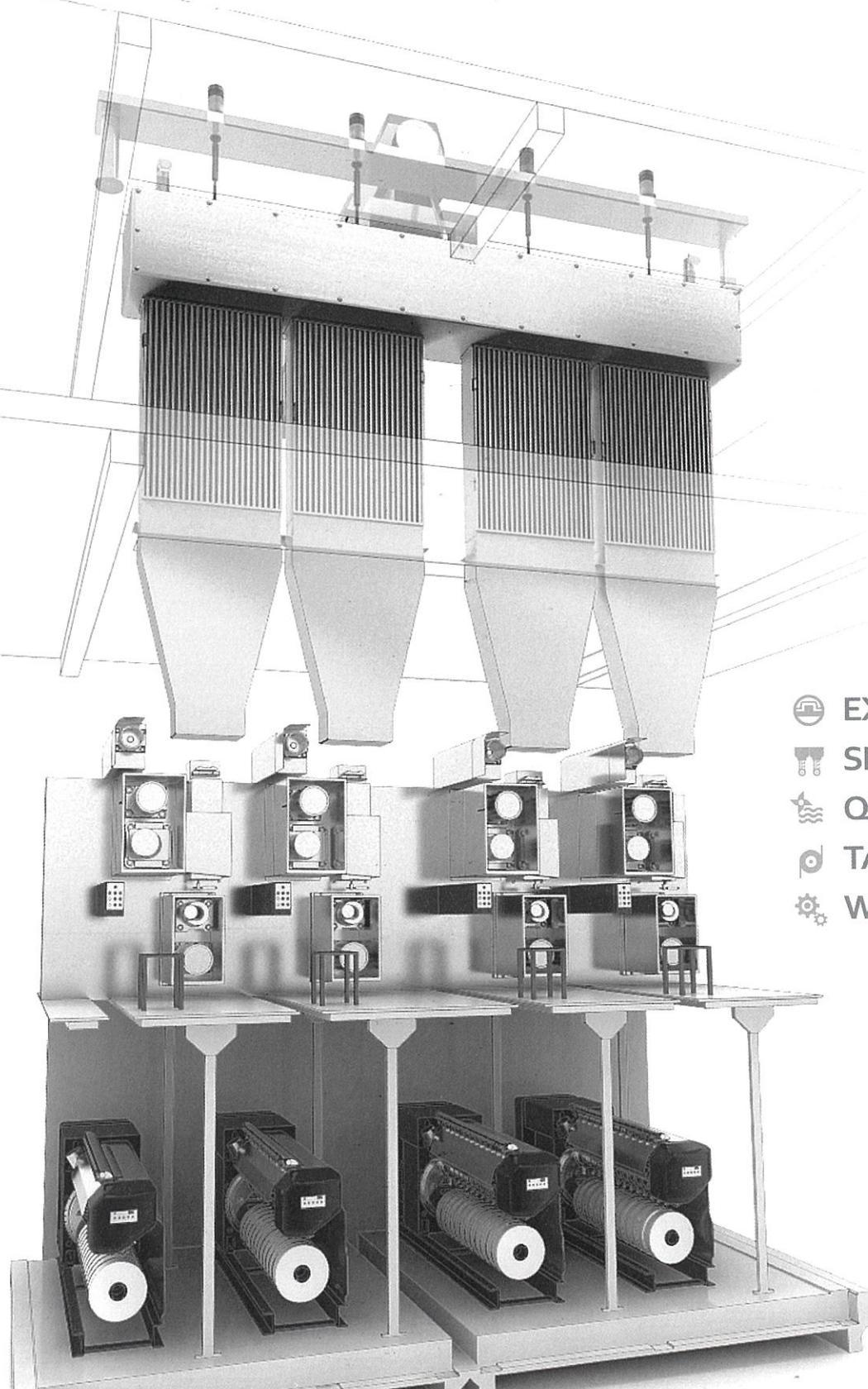
ILJIN A-TECH






ILJIN Advanced Technologies...

Textile machinery. Industrial machinery & Precision manufacturing machinery.

Our equipment is best choice for your benefit.

Manufacturing by precision, large-scale, heavy-duty machining tools.



-  EXTRUDER
-  SPIN BEAM
-  QUENCHING
-  TAKE-UP
-  WINDER

Greetings

ILJIN A-TECH CO., LTD. is professional manufacturer in textile machinery for synthetic fibers. Since established in 1979, we have achieved numerous remarkable outcomes throughout continuous investment in technical research & development and quality management.

Continuous effort made by **ILJIN A-TECH CO., LTD.** has resulted in producing and supplying top quality's yarn machinery (Polymerizing, Spinning and Winding) for synthetic fibers like PA-6, PA-66, PET, PP and Conjugate, etc.

We, **ILJIN A-TECH CO., LTD.** will go anywhere, anytime in the world for your business. Furthermore, we will devote our all technology and experience to be a leading company in global textile machinery market.

Thank you.



Company History

2023

Jun. Transferred to a new factory

2021

Mar. Selected as a model taxpayer on the Taxpayer's Day Awarded with Ministry of strategy and Finance minister honoring Award

2020

Dec. Awarded with 'Thirty Million Dollar Exportation Tower', at the 57st Trade Day Ceremonial Event

2019

Jun. Attended The world's Largest International Textile and Garment Technology Exhibition of 2019 (ITMA 2019 in BARCELONA)

2018

May. Selected for Strong and small corporation - Ministry of SMEs and Startups

2017

Dec. Awarded with 'Twenty Million Dollar Exportation Tower', at the 54st Trade Day Ceremonial Event

Oct. Attended Korea Machinery Fair Exhibition of the 21st
Jun. 7000 m/min Grade High Speed Winder Development

2015

Nov. Attended The world's Largest International Textile and Garment Technology Exhibition of 2015 (ITMA 2015 in MILANO)

2014

Dec. Awarded Ten Million Dollar Export Tower on the 51th Annual Trade Day

2011

Sep. Awarded Gold Tower Order of Industrial Service Merit
Jul. Development of 6,000m/min Winder

2008

Jun. Established Qingdao ILJIN MACHINERY CO., LTD. & Operated the Plant (China)

2007

Aug. Acquired INNO-BIZ Cetification

2006

Dec. Acquired ISO-9001:2000(Quality Management System) Cetification
Jan. Acquired New Excellent Product (NEP) Cetification

2005

Jul. Acquired Excellent Machine Mechanism Material, KATS.

2000

Dec. Changed Name ILJIN A-TECH CO., LTD.

1998

Jan. Acquired Established a Technical Research Institute at ILJIN MACHINERY CO., LTD.

1995

Apr. Expanded and Moved to Ulsan Factory

1988

Oct. Constructed Anyang Factory

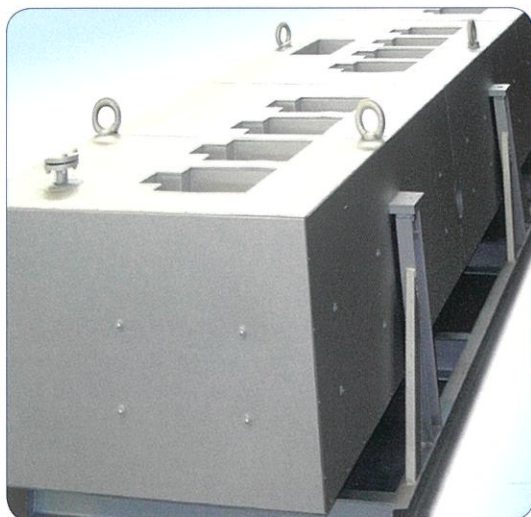
1982

Sep. Constructed Ulsan Factory

1979

Mar. Established ILJIN MACHINERY CO., LTD.

Synthetic Fiber Facilities



Spin Beam

Technology and Know-How

Specialized in PA-6, PA-66, PET, PP and Conjugate yarn.

Customization

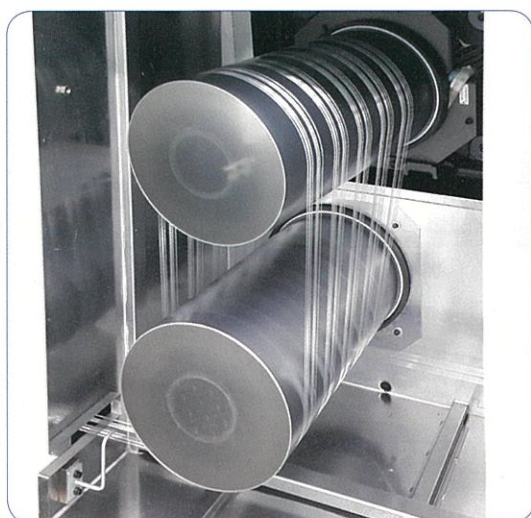
ILJIN takes in customer's requirement and offers the best solution.

Design

ILJIN guarantee the optimum Retention Time (RT), Pressure Drop (ΔP), uniform polymer flow.

Actual Test

Test at the same operating condition. (same temperature and same pressure)



Godet Roller

Outstanding performance

Outstanding high speed durable performance

Surface temperature

Uniform surface temperature of Godet roll



Winder

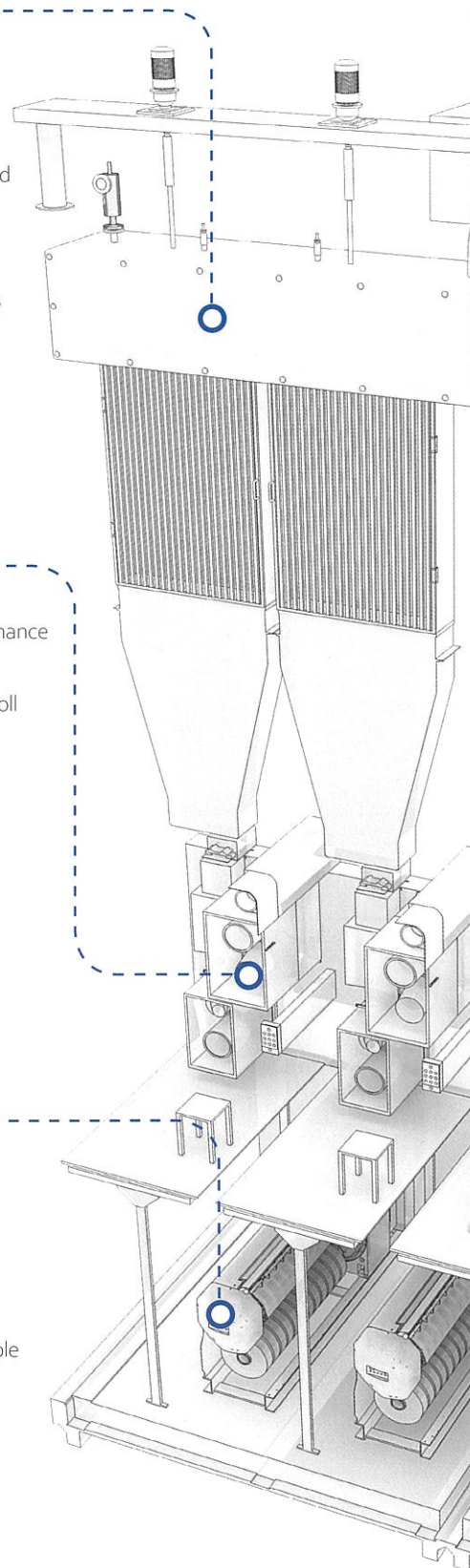
Auto turret multi traverse or cam traverse type Winder

High speed

Speed up to 6,000m/min

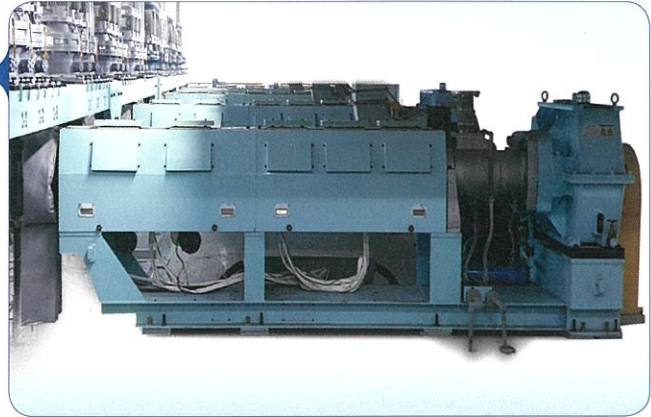
Good quality

Good product quality based on outstanding package formation and stable unwinding tension



Extruder

Bi-metal cylinder/single screw to optimize polymer mixing and flow.



Spin Pack

Extrusion of polymer

Passing through multiple filters. Finally, spun into fiber by a spinneret plate consisting of a number of very small nozzles.

Various types

- Basic type
- One Touch type
- Self Sealing type
- Re-tighting type



Quenching

Air flow system

Uniformity of air flow with effective cooling

Manufacturing different types of yarns

Quenching system can be applied to DPF 0.1 ~ DPF 10.



Take-up Machine

Well design

Designed to be suitable user's requirements and specifications (POY, FDY, SDY / PA, PET, PP Yarns.)

Total control system

System to control and ensure equipment's stability and balance. (from Godet roll to Winder)



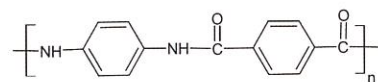
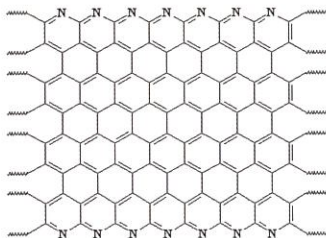
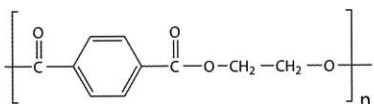
Synthetic Fiber

PET/PA/SPANDEX

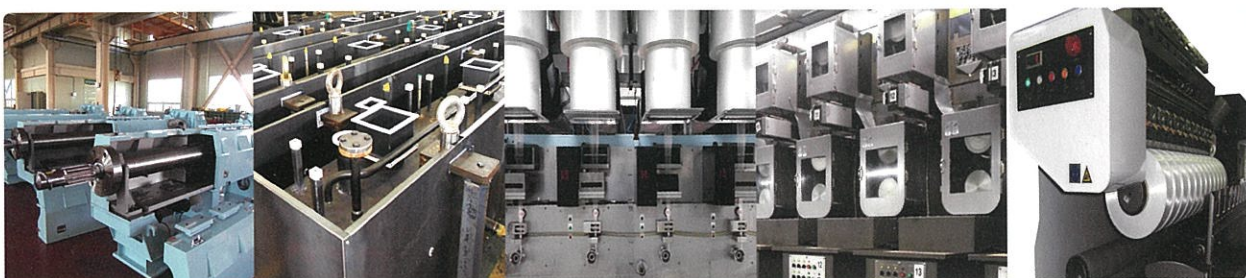
CARBON FIBER

ARAMID FIBER

Material



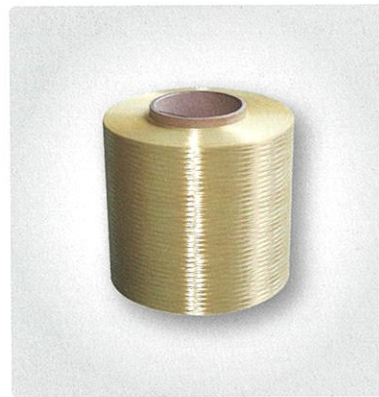
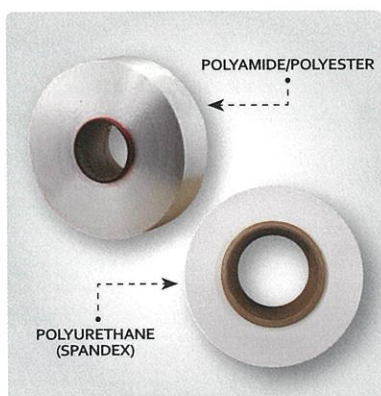
Machine



*ILJIN A-TECH designs and provides machines that produce the above yarn.

In addition, ILJIN A-TECH designs and provides machines that produce Lyocell, Acrylic fiber, Bi-Component, etc.

Produced



Application



Machining Facilities

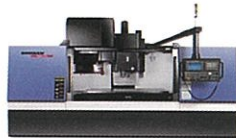
ILJIN A-TECH has about **80 precision machining facilities**, such as 5-axis processing machine, 5-side processing machine, CNC, and milling.

5-axis processing machine (3 UNITS)

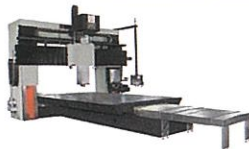


CNC Vertical Lathe machine (2 UNITS)

Machining center (12 UNITS)



5-side processing machine (11 UNITS)



CNC Boring machine (10 UNITS)



CNC Lathe machine (10 UNITS)



Complex processing machine (11 UNITS)



CNC Turn-mill (4 UNITS)



CNC Grinding machine (11 UNITS)



Passion of ILJIN

ILJIN A-TECH will go anywhere, anytime in the world for your business.

ILJIN A-tech为了顾客，不管在什么时候，在世界的什么地方，都会奔跑过去的。

私たちはお客様の為にいつでも、世界中どこへでも足を運びます。

저희 일진에이테크(주)는 고객 여러분을 위해 언제라도, 세계 어디라도 달려가겠습니다.



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