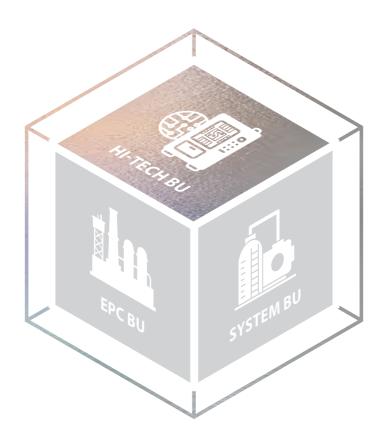


TOTAL SOLUTION PROVIDER

HI-TECH BU



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A Global Company that Provides Total Engineering Solutions

HANYANG ENG is leading the creation of customer value
by implementing the best quality and services through quality management.

HANYANG ENG, which provides the best total service to customers with the best technologies in the semiconductor and display fields, industrial plants

(general industry and gas industry), environment, green energy, and aerospace field, is realizing sustainable growth with creative technologies to create
a bigger tomorrow through innovation.



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Hi-Tech Business Unit is...

HANYANG ENG Hi-Tech BU, which has UHP (Ultra High Purity) piping technology, an essential technology for the semiconductor and display industries, has been a reliable partner of leading domestic and overseas semiconductor and display manufacturers based on diverse construction experiences such as cleanroom, HVAC, utility system, etc. In establishing production facilities in the hitech sector, which is the foundation of the 4th industrial revolution, HANYANG ENG will make continuous efforts for the future value of customers based on the differentiated engineering and construction capabilities, expertise, and organizational power.

Place for Mechanical Equipment Construction Nationwide



Obtaining Own
Development
Equipment &
Technologies

Manufacturing &
Logistics Centers in
Cheongju
and
Hwaseong





Core Technology

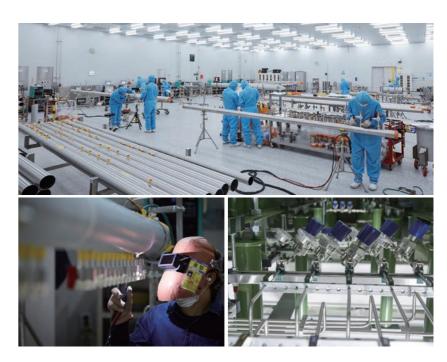
HANYANG ENG has various elemental technologies that can be utilized in the mechanical equipment construction of domestic and overseas semiconductor/display companies. We also provide comprehensive construction, such as UHP (Ultra High Purity) piping and mechanical equipment construction, cleanroom, HVAC, utility system, and equipment, along with a unique modularization method. From high-tech engineering to construction, HANYANG ENG will open the door to the future through rich construction capabilities based on highly accumulated technologies and quality.

Modularization Method with High Quality and Safety

This is a method of manufacturing the utility supplied inside the semiconductor FAB as a unit (piping & duct) from the outside, transporting, installing, and constructing it to the site. The modularization method is a new method that provides various advantages, such as shortening the construction period and improving quality, as well as reducing required on-site manpower and securing work safety.

Construction of Korea's First UHP Piping and Mechanical Equipment

In the late 1980s, HANYANG ENG contributed to the localization of the entire process from engineering to production and construction of UHP piping for the semiconductor manufacturing process for the first time in Korea. By expanding its business areas, such as cleanroom, HVAC, utility system, etc., HANYANG ENG has been recognized for its excellent technologies by leading semiconductor/display companies and manufacturing companies in the IT field domestically and abroad.



HANYANG ENG

Module **Method**

The modularization method developed and constructed by HANYANG ENG inhouse is a technology that manufactures the piping systems and devices necessary for semiconductor/display production outside in advance, turns them into blocks, transports them to the site, and assembles them immediately. The modularization method is a new technology that can improve efficiency and safety while reducing cost and time, and is being actively used in leading projects.

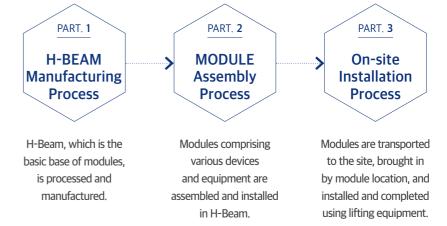
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Modularization Process Flow Chart



Advanced Newly Developed Method that Secures High Quality, Safety, & Scalability - Modularization Method

The modularization method is a technology to minimize on-site work in which standardized module units are manufactured at the HANYANG ENG plant at the same time as the on-site foundation construction from the start of construction, transported, and installed to the site immediately upon completion of the foundation construction, and assembled and completed within a short period of time. It is a newly developed construction method that has many advantages such as shortening the construction period, high-quality construction, strengthening seismic performance, easiness of engineering for extension and expansion, minimization of on-site work, and securing safety.













HANYANG ENG



Automation Equipments

Large Diameter Automatic Welding Machine

We produce high-quality products by processing large-diameter pipes (over 1,000mm in diameter) with equipment capable of automatic welding, rather than general-sized pipes.





Large Diameter Cutting Machine

This equipment cuts large-diameter pipes (up to 1,000mm in diameter), not general-sized pipes. It improves productivity by securing high quality, safety, and time reduction.





Automatic Bending Machine

Through the production of automatically bending (bending processing) the pipe when the user inputs a unique barcode, it ensures high quality and time reduction and allows mass production of products to be possible (Tube Size: 1/4 to 1 inch/ Angle: 0° to 360°).

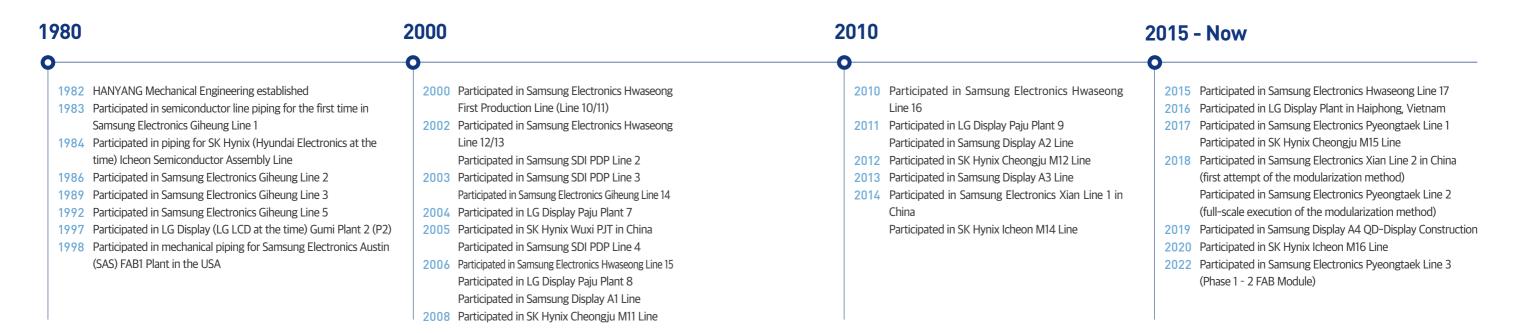




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Major Performance







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Major Clients















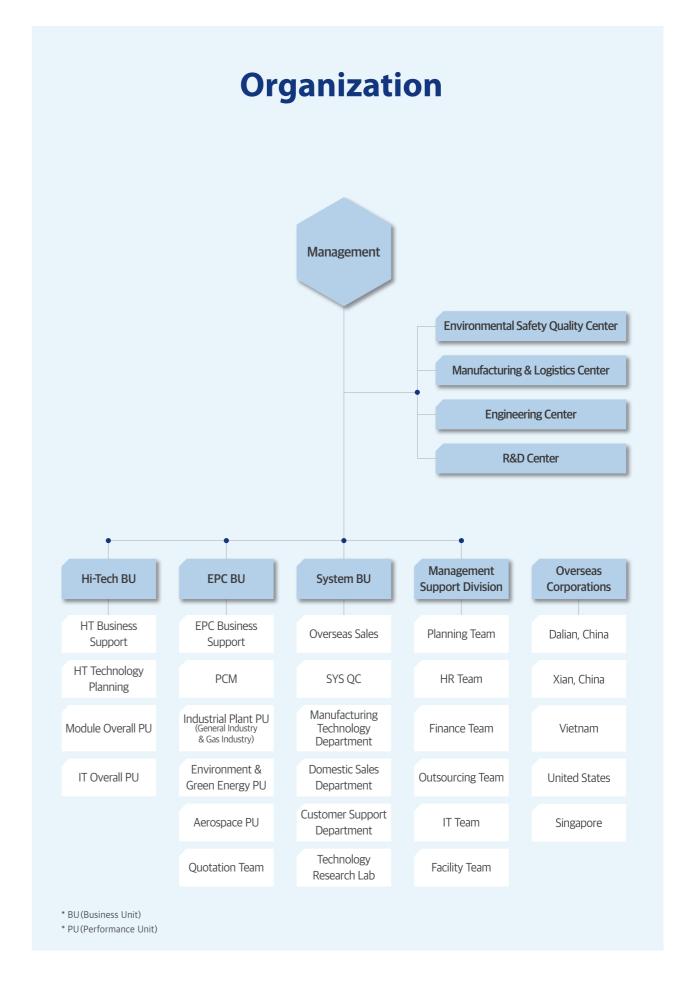














Global Network& Subsidiaries

Domestic & Overseas Business Sites

Domestic

HQ

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482-15, Samcheonbyeongma-ro, Paltanmyeon, Hwaseong-si, Gyeonggi-do Tel. 82-31-695-9006 Fax. 82-31-354-7943

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HANYANG (Xian) Engineering Co., Ltd.

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HANYANG ENG Vina Co., Ltd.

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CTP Korea Co., Ltd.

332-7, Samsung 1-ro, Hwaseong-si, Gyeonggi-do Tel. 82-31-202-3734 http://www.ctpkorea.com

X CV & PV Business Unit separately operated

DINNO Co., Ltd.

D-810, 357, Guseong-ro, Giheung-gu, Yongin-si, Gyeonggi-do Tel. 82-31-229-3040 http://www.d-inno.co.kr

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(Gajae-ri)

Central Branch
(Eumbong)

Logistics Center

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