Hyundai Elevator is a total solution provider, creating the highest level of movement efficiency in various areas including elevators, parking systems, automated material handling systems and system solutions. Hyundai Elevator’s “Total solutions for Movement” is our promise to create a happier and convenient future through the creation of maximum movement value from our technology and experience.
When Hyundai moves, the world moves

For the past 70 years, Hyundai has raised the name of Korea all over the world. Now Hyundai Elevator continues the tradition and is creating a new legacy through our world-renowned technology and service.
We challenge to be the best in the world through endless change and innovation

Beyond simple movement efficiency, we are the global leader in creating value in movement. Through our institutionalized knowledge base and endless research and development, Hyundai Elevator has been able to create the highest level of movement value in the area of elevators, escalators, moving walkways, automated material handling systems, parking systems, and system solutions.

Hyundai products become the standard

Hyundai has impressive records of technological innovation.

The first record in domestic/international in the industry

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991</td>
<td>Certificated quality management system ISO9001 from DNV</td>
</tr>
<tr>
<td>1993</td>
<td>Development of elevator remote monitoring technology</td>
</tr>
<tr>
<td>1998</td>
<td>Development of 25 degree escalators and broad type moving walkways</td>
</tr>
<tr>
<td>1999</td>
<td>Development of machine-room-less elevator (YZER)</td>
</tr>
<tr>
<td>2000</td>
<td>Release of internet display system for elevators application</td>
</tr>
<tr>
<td>2001</td>
<td>Development of Korean type elevator car brake system</td>
</tr>
<tr>
<td>2003</td>
<td>Installation of platform screen doors (PSD) (Gwangju subway opened in April 2004)</td>
</tr>
<tr>
<td>2004</td>
<td>Obtained ISO9001 &amp;14001 certification in platform screen doors (PSD) from DNV</td>
</tr>
<tr>
<td>2006</td>
<td>Opened a customer service center with Geographic Information System (GIS)</td>
</tr>
<tr>
<td>2006</td>
<td>Released mid to low speed gearless elevator (LUXEN)</td>
</tr>
<tr>
<td>2006</td>
<td>Obtained urban railway goods quality certification in platform screen doors (PSD) from the Ministry of Construction and Transportation</td>
</tr>
<tr>
<td>2007</td>
<td>Development of the world’s first power regenerating elevator inverter (LOWATT)</td>
</tr>
<tr>
<td>2008</td>
<td>10,000 units production of gearless traction machine with a permanent magnet synchronous motors</td>
</tr>
<tr>
<td>2009</td>
<td>Development of the world first RTV system with permanent magnet synchronous machine</td>
</tr>
<tr>
<td>2009</td>
<td>Construction of the world tallest (205m) high-speed elevator testing tower</td>
</tr>
<tr>
<td>2009</td>
<td>Installation of the world’s fastest observation elevators (7m/sec)</td>
</tr>
<tr>
<td>2009</td>
<td>Installation of ultra high-speed elevators (10m/sec)</td>
</tr>
<tr>
<td>2010</td>
<td>Obtained EK certification for safety parts for 10m/sec class ultra high speed elevators</td>
</tr>
<tr>
<td>2010</td>
<td>Installation of the world’s fastest 18m/sec ultra high-speed elevators</td>
</tr>
<tr>
<td>2012</td>
<td>Received “A” class energy efficiency certificate from TÜV, German</td>
</tr>
<tr>
<td>2012</td>
<td>Achieved UL certificate as the first korean elevator company</td>
</tr>
</tbody>
</table>
Hyundai Group

- Founder, Chung Ju-yung, started a rice shop “Gyungilsanghwoe”
- Hyundai Togun, the initial company of the Hyundai Group, established
- Hyundai Togun was renamed as Hyundai Construction
- Hyundai Securities established
- Hyundai Construction became the first construction company to go overseas
- Hyundai Motor Company established
- The Seoul-Busan Expressway was constructed
- Hyundai Merchant Marine Co. established
- Jubail Industrial Harbour Project in Saudi Arabia is started to construction
- Hyundai Electronics established
- Hyundai Elevator Co., Ltd. established
- Hyundai Research Institute established
- Hyundai Logiem Co., Ltd. established
- Founder, Chung Ju-yung, visited the North Korea with a herd of cows
- Mt. Kumgang Tourism is Launched

- Hyundai Asan established
- The honorary chairman, Chung, Ju-yung passed away
- Chairman Chung Mong-hun passed away
- Chairwoman Hyun Jeong-eun is inaugurated
- Ryukyung Chung Ju-yung Gymnasium in Pyongyang was opened
- Pilot industrial complex at Kaesong was completed
- Hyundai Group Vision 2010 was proclaimed
- Hyundai U & I is established
- Hyundai Investment Network established
- New organizational culture “4T” proclaimed
- Kaesong Tour was commenced
- Hyundai Group Vision 2020 was proclaimed
- Hyundai Logiem Co., Ltd. established
- Heads of Hyundai Group relocated to ‘Hyundai Group Building’ in Yeonji-dong, Seoul
- Hyundai Group Vision 2020 was proclaimed

- Hyundai Elevator Co., Ltd. established (May 23)
- Grand prize of customer satisfaction & management innovation was awarded by K.M.A.C.
- The company stocks listed on the Korea Stock Exchange
- Received ISO 14001 environmental certification by DNV
- Received ISO 9001 and ISO 14001 certification for the Auto-Parking Systems and Material Handling Systems from DNV
- Korea Productivity Award was certificated by Korea Productivity Center
- EM Mark for MRL (Machine-Room-Less) elevator was certificated by Korean Agency for technology & standards
- CE Mark for all elevator safety components was certificated by DNV
- CE mark for material handling system was certificated by TÜV
- A class energy efficiency certificate from TÜV, German
- Achieved OHSAS (Occupational Health & Safety Assessment Series) 18001 and GMS (Green Management System) certification by DNV
- Urban railway goods quality certification in platform screen doors (PSD) is certificated by the Ministry of Construction and Transportation
- Korean excellent service quality company certification is certificated by the Ministry of Knowledge Economy
- Produce 100,000 elevators and escalators
- The world’s fastest 18m/sec high-speed elevator testing tower was constructed
- The world’s fastest 10m/sec double-deck elevators at Hyundai Asan Tower was installed
- Received “A” class energy efficiency certificate from TÜV, Germany
- Selected as an excellent company in labor-management partnership culture by the Ministry of Labor

1937  Founder, Chung Ju-yung, started a rice shop
1947  Hyundai Togun, the initial company of the Hyundai Group, established
1950  Hyundai Togun was renamed as Hyundai Construction
1962  Hyundai Securities established
1965  Hyundai Construction became the first construction company to go overseas
1967  Hyundai Motor Company established
1970  The Seoul-Busan Expressway was constructed
1976  Hyundai Merchant Marine Co. established
1983  Hyundai Electronics established
1984  Hyundai Elevator Co., Ltd. established
1986  Hyundai Research Institute established
1988  Hyundai Logiem Co., Ltd. established
1998  Founder, Chung Ju-yung, visited the North Korea with a herd of cows
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2013  Hyundai Logiem Co., Ltd. established
2018  Heads of Hyundai Group relocated to ‘Hyundai Group Building’ in Yeonji-dong, Seoul
2019  Hyundai Group Vision 2020 was proclaimed
2021  Hyundai Elevator Co., Ltd. established (May 23)
2022  Grand prize of customer satisfaction & management innovation was awarded by K.M.A.C.
2023  The company stocks listed on the Korea Stock Exchange
2024  Received ISO 14001 environmental certification by DNV
2025  Received ISO 9001 and ISO 14001 certification for the Auto-Parking Systems and Material Handling Systems from DNV
2026  Korea Productivity Award was certificated by Korea Productivity Center
2027  EM Mark for MRL (Machine-Room-Less) elevator was certificated by Korean Agency for technology & standards
2028  CE Mark for all elevator safety components was certificated by DNV
2029  CE mark for material handling system was certificated by TÜV
2030  A class energy efficiency certificate from TÜV, German
2031  Achieved OHSAS (Occupational Health & Safety Assessment Series) 18001 and GMS (Green Management System) certification by DNV
2032  Urban railway goods quality certification in platform screen doors (PSD) is certificated by the Ministry of Construction and Transportation
2033  Korean excellent service quality company certification is certificated by the Ministry of Knowledge Economy
2034  Produce 100,000 elevators and escalators
2035  The world’s fastest 18m/sec high-speed elevator testing tower was constructed
2036  The world’s fastest 10m/sec double-deck elevators at Hyundai Asan Tower was installed
2037  Received “A” class energy efficiency certificate from TÜV, Germany
2038  Selected as an excellent company in labor-management partnership culture by the Ministry of Labor
The competition to reach greater heights! The answer is with Hyundai technology

By opening our world’s tallest high speed elevator test tower in April 2009, Hyundai Elevator has opened a new horizon in high-speed vertical movement.

<table>
<thead>
<tr>
<th>Hyundai Asan Tower</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>We meticulously test and research the stability and reliability of our products by simulating an ultra high-speed building environment.</td>
<td></td>
</tr>
<tr>
<td>Building Height: 205m above ground, 15m underground, (World Class Elevator Testing Tower)</td>
<td></td>
</tr>
<tr>
<td>Construction Area: 4,351 sq</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elevator (Total 9 units)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Speed</td>
</tr>
<tr>
<td>Ultra-high speed</td>
<td>18m/sec</td>
</tr>
<tr>
<td></td>
<td>10m/sec Double deck</td>
</tr>
<tr>
<td></td>
<td>10m/sec (2 units)</td>
</tr>
<tr>
<td>Observation</td>
<td>7m/sec</td>
</tr>
<tr>
<td>Mid to low speed</td>
<td>2m/sec (2 units)</td>
</tr>
<tr>
<td>Freight</td>
<td>1.5m/sec</td>
</tr>
<tr>
<td>Shuttle</td>
<td>1m/sec Machine room-less(MRL)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I Chung Mong-hun R &amp; D Center</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Showroom</td>
<td>Elevator Design Showroom</td>
</tr>
<tr>
<td>Escalator Room</td>
<td>Material Handling System Room</td>
</tr>
<tr>
<td>Platform Screen Door Room</td>
<td>Auto-parking Room</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Entrance Hall</td>
</tr>
<tr>
<td>Conference Room</td>
<td></td>
</tr>
</tbody>
</table>
We create sophisticated and convenient moving space

With the highest level of technology, Hyundai Elevator provides users with an ever convenient and sophisticated movement environment through the creation of aesthetically pleasingly designed, eco-friendly elevators that deliver a comfortable riding experience.

I Ultra - high speed Elevators I

This is the beginning of fast and comfortable space movement. Our ultra high speed elevator is a next generation elevator, utilizing high efficiency gearless traction machine with permanent magnet synchronous motor and high-precision control inverter operating system, and other proprietary high speed functions.

- Received "A" class energy efficiency certificate from Tuv, German

I High speed/mid - low speed Elevators I

We provide not only the traditional geared elevators, but more upscale elevators with gearless traction machine, allowing customers to select the appropriate elevator based on the size and usage of the building.

Main Spec. of ultra high speed elevators

<table>
<thead>
<tr>
<th>Speed</th>
<th>Capacity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5m/sec - 16m/sec</td>
<td>Over 17 persons / Over 1150 kg</td>
<td>- Eco-friendly green technology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Optimized permanent magnet synchronous motor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Energy conservation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Simplified control panel (space/material savings)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Low Noise/Low-Vibration operation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Streamlined cage</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Active parallel vibration control system(*)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Impressive safety device</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Special design/special material safety device</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Multi-step safety circuits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Dual brakes</td>
</tr>
</tbody>
</table>

Note: * means optional.

Main spec. of high speed/mid to low speed elevators

<table>
<thead>
<tr>
<th>Speed</th>
<th>Capacity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3m/sec - 4m/sec</td>
<td>6 ~ 24 persons /450~1600kg</td>
<td>- Eco-friendly green technology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Revolutionary energy conservation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Use of power regenerating inverter (LOWATT)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Destination selecting system(*)</td>
</tr>
</tbody>
</table>

Note: * means optional.
I Machine room-less Elevators I

The machine room-less elevator developed by Hyundai Elevator in 1999 was the first of its kind in the domestic elevator market, and allowed maximum space utilization, more freedom in skyline design, and reduced construction costs.

Main Spec. & Features

- Allows more flexibility in hoistway layouts, and building skyline design
- Reduced construction cost by eliminating the separate machine room.

<Core Technology>

- Eco-friendly green technology
- Ultra-slim traction machine and control panel

I Marine Elevators I

Our marine elevators used in shipboard use - tankers, bulk carrier, containership, Ro-Ro, ferry and cruise liners have been recognized by worldwide quality certification organizations such as DNV, ABS, LR, GL, BV, NK, CCS, RINA and KR.

Main Spec. & Features

- The fire, CO₂, Halon alarm (optional) prevents passenger access to the engine room in case of fire or gas leakage.
- Fire proof landing doors (A0, A60 Fire class) are certified by marine authorities and classification societies such as DNV, ABS, LR, GL, BV, NK, CCS, RINA and KR.
- Safety switches, emergency stop device, alarm against rolling and pitching.
### I Escalators I

You can safely trust in Hyundai. We provide two precise escalators that are in perfect harmony with the surrounding space New World Class, suitable for hotel, department store, and office use; and our H-Series escalators, suitable for international airports, subway stations and major sporting facilities.

<table>
<thead>
<tr>
<th>Escalators</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td><strong>Type</strong></td>
</tr>
<tr>
<td>New World Class (NW-BT, NW-BB)</td>
<td>600</td>
</tr>
<tr>
<td>H-series (HA-BT, HA-BB / HD-BT, HD-BB)</td>
<td>1000</td>
</tr>
</tbody>
</table>

### I Moving Walkways I

Hyundai Elevator’s moving walkways are designed to reduce noise emission and provide a quiet and comfortable ambience, and have been widely recognized for their safety and reliability at venues such as the Incheon International Airport and other large scale transportation facilities. Also, with simplified maintenance and repair, and energy conservation capabilities, our escalators provide the highest level of comfort and satisfaction in horizontal movement.

<table>
<thead>
<tr>
<th>Moving Walks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td><strong>Type</strong></td>
</tr>
<tr>
<td>NPM-BT</td>
<td>1000</td>
</tr>
</tbody>
</table>
We create a safer and comfortable living environment

Hyundai provides platform screen doors (PSD), auto-sliding canopy, and gap-zero for environments like subway and light rail platforms. PSD is an advanced safety device that blocks the platform area from the rail tunnel area through the installation of a fixed wall (screen) and a sliding door. When the electric rail car stops at the designated location, the signaling system directs the screen doors to open simultaneously with the car doors. Through the use of various signaling systems and state-of-the-art technologies, we ensure not just the safety of the passengers, but also protect the platform from train-induced wind, dust and debris, noise, while improve heating and cooling efficiency, thereby creating a comfortable subway rider experience.
A firm’s competitiveness begins with uninterrupted distribution of goods, i.e., it begins with logistics. With our years of experience in installation and engineering, Hyundai Elevator provides state-of-the-art automated material handling system and optimal automated material handling system. Using computer simulation analysis to optimize your automated material handling system, we help improve your corporate competitiveness.

Logistics is a measure of a firm's competitiveness

A firm’s competitiveness begins with uninterrupted distribution of goods, i.e., it begins with logistics. With our years of experience in installation and engineering, Hyundai Elevator provides state-of-the-art automated material handling system and optimal automated material handling system. Using computer simulation analysis to optimize your automated material handling system, we help improve your corporate competitiveness.

**Business Area**

- Automated Warehouse
- Distribution Center
- Manufacturing & Installation
- Building & Hospital Automation
- IT Solution and System Development
- Air cargo Handling
- In Process Line (Factory Automation)

**Total Solutions**

We provide total engineering services, from consulting, system design, manufacturing/installation to maintenance and repair.
Hyundai Elevator’s parking facility system provides various types of parking facilities, including bicycle parking. Through the use of cutting edge technology, safety, and a customer service spirit, we provide efficiency in space movement. Experience a different level of parking space with Hyundai Elevator’s parking facility system. The space efficiency of your building will increase, as will the prestige of your building.

**Auto-Parking System for automobile**

- Elevator Type
- Cart Type
- Multi-story Circulation Type
- HIP (Hyundai Integrated Parking) system
- Puzzle Type
- Mini Rotary Type
QUALITY ASSURANCE

Customers will be moved by our ever enhanced quality

Hyundai Elevator understands that providing the highest level of quality is a service to our customers. All of us at Hyundai Elevator embrace Total Quality Management, and strive to supply the appropriate product for each of our customers. Before any of our products are shipped, our quality experts undertake a stringent testing process using state-of-the-art testing equipment.

Major List of Quality Certification

- ISO 9001 Quality Management System Certification
- ISO 14001 Environment Management System Certification
- Certified Welding Inspector (CWI)
- CE Certificate for 1 Unit Model of Escalator
- Korean Excellent Service Quality Company Certification
- Certificated urban railway goods quality certification in Platform Screen Doors
- Certificate of Qualified Elevator Safety Inspector (QEII) by National Association of Elevator Safety Authorities (NAESA), USA
- Certificate CE mark for material handling system from TÜV
- Certificate UL for the safety components of elevators/escalators
- "A" Class energy efficiency certificate (Tuv, German)

PREVENTIVE MAINTENANCE

Fast and accurate service is a promise to our customers

Our Customer Care Center operates 24 hours a day 365 days a year, and uses our state-of-the-art network to provide fast and accurate real-time service to our customers. We will not stop our efforts to ensure that our customers receive prompt and reliable service.

Preventive “Before Service”
By proving preventive maintenance “Before Service”, we guarantee a safe and comfortable riding experience.

Nationwide Service Network
From our headquarters (Ichon at Gyeonggi-Do) to our nationwide service offices, we have an experienced staff standing by to ensure our customers with a quick response from a local office.

Remote Monitoring System

With a data collection panel installed in the elevator control panel, we can monitor the operating status of all domestic elevators 24/7.

Digital Emergency Phone System

In case of an emergency when no building manager is on call, the emergency phone system will automatically dial pre-programmed telephone numbers in sequential order, minimizing passenger distress and allow a quicker response to the situation.

Elevator Remote Monitoring System Flow Chart

Customer

Customer Care Center

Malfunction reporting, serviceman paging and dispatch
Serviceman visit, inspection and repair
Service completion
Service completion verification (Happy Call)
Anywhere in the world, You can find the advanced service of Hyundai Elevator