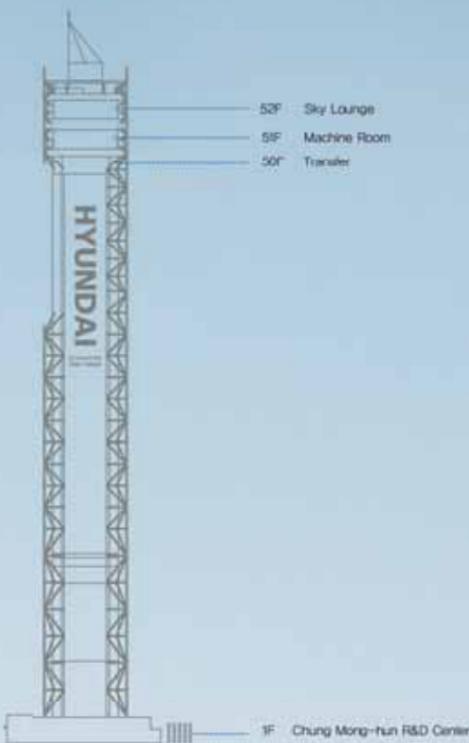
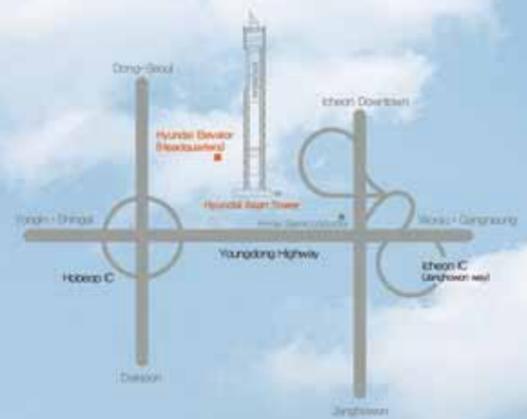


Ultra High Speed Elevator Test Tower

HYUNDAI ASAN TOWER



How to Get to HAT



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HYUNDAI ELEVATOR

Hyundai Elevator

Incorporated May 23, 1984
Business Line Elevators - Elevators, Escalators, Moving Walks
Material Handling Systems - Automated Storage and Retrieval System, Cold Storage
Parking Systems - Cars, Bikes
SOC Infra Systems - Platform Screen Doors, Auto-Sliding Canopy
Main Facilities R&D Center, Ultra-high Speed Elevator Test Tower, Factory I-II-III, Customer Center

Hyundai Asan Tower



Hyundai Asan Tower is our high-speed elevator test facility built to commemorate Hyundai Group's Honorary Chairman, the late Mr. Chung Ju-yung. The tower embodies his spirit of challenge and entrepreneurship, and our will to continue his spirit and build Hyundai Elevator into a world renowned company.

Test Tower

The tower was built to undertake world-class R&D in elevator technology and is used to test and certify the reliability and safety of our high speed systems against vibration, noise, temperature, pressure, etc., in an environment simulating actual high-rise buildings. This facility has become a cradle of core technology and cutting edge development in elevator technology.

Design

The column serving as the structural frame of the facility is modeled after Hyundai Group's triangular logo, representing Hyundai Elevator's flight into the future.

Chung Mong-hun R&D Center

The Chung Mong-hun R&D Center (1F) serves as Hyundai Asan Tower's exhibition and technology hall, and is named after the late Chairman Chung Mong-hun, whose leadership in "technology independence" and "technology Hyundai" was the springboard for Hyundai Group's ascent as a world class corporation, and shows our strong commitment to continue his legacy of technological advancement.



Public Relations Gallery

Our PR gallery introduces the history of Hyundai Elevator and provides a historical timeline of elevators in general. It also displays various awards and certifications that Hyundai Elevator has received over the years.



PSD Gallery

Full scale model of a subway station Platform Screen Door is available for experiential use.



Conference Room

A fully equipped meeting room complete with multimedia conferencing facilities and samples of elevator interiors.



MHS Gallery

The gallery introduces cargo transportation methods using automated material handling systems such as EMS (Electrical Monorail System) & RTV (Robotic Transfer Vehicle).



APS Gallery

The gallery introduces our auto parking systems and provides further information about our mechanical parking systems through informational videos.



Load/Noise/Vibration Laboratory

A test room equipped with state-of-the-art systems to test the safety and reliability of our product through load testing of high-speed elevator motors and noise and vibration testing of other components.

Overview

Name	Hyundai Asan Tower
Location	Hyundai Elevator Headquarters
Address	136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do, 467-734, Korea
Height	205m (205m above ground, 15m underground)
Number of Floors	52 floors
Site Area	4351m ²
Structure	Triangular Column + Circular Machine Room (Steel and Concrete Structure)
Installed Elevators	Total 9 units Ultra-high Speed : 1080m/min, Double Deck 600m/min, 600m/min(2 units) Observation : 420m/min Mid-low Speed : 120m/min(2 units) Freight : 90m/min Shuttle : 60m/min(Machine-room-less)
Completion Date	2009.4.15
Construction Period	2008.2.15 - 2009.4.15

1080 World's fastest elevator

The world's fastest elevator, THE EL1080, operates at a speed of 1,080m/min and can travel from the 1st floor to the 50th floor in 25 seconds. It is the culmination of pure domestic elevator technology development and is rewriting elevator history.



600 Double Deck Elevator

One and only double deck elevator in Korea

The double deck elevator system operates two vertically connected elevator cars in a single hoistway, and depending on form of operation, can increase load capacity by up to 1.8 times standard capacity.

600 Fastest elevator in Korea

With its 82 inch multi-display TV installed inside, this 600m/min speed elevator incorporates a state-of-the-art IT system that provides a multi-vision scenic view that moves with the elevator during operations. Passengers can enjoy life-like scenery and experience a virtual escape from the limited space of the elevator. The scenery images currently available for experiencing include a 3D view of Seoul, Mount Geumgang, Mount Titlis of Switzerland, and animation.
* 63 Building: 540m/min speed



60 Shuttle elevator with special floor lighting

The shuttle elevator operating from the 50th floor to the 52nd floor sky lounge is a machine-room-less elevator operating at a speed of 60m/min. The elevator floor is equipped with a light sensor system that activates elevator lighting when shadows are detected. The floor lighting also illuminates each passenger's individual area, alleviating some of the anxiety from having personal space invaded in an elevator with limited standing room. It also provides a lighter side to a somewhat monotonous space inside the elevator.



420 World's fastest observation elevator

Our world's fastest observation elevator operates at a speed of 420m/min provides a comfortable passenger experience and has received rave reviews for its elegant design that conjure a sense of space travel. The doors and car interior have a streamlined design and passengers can enjoy the scenic outside view through the transparent glass windows.