



*Better Efficiencies & Better Reliabilities in*  
**AS/RS for Hazardous Items**



**HYUNDAI ELEVATOR CO., LTD.**

# AS/RS FOR HAZARDOUS ITEMS

*AS/RS for Hazardous Items of Hyundai Elevator Co.,Ltd. realizes the highest-storage efficiency in limited spaces.*

As a pioneer of Material Handling Systems, we provide the optimized material handling solutions for a variety of applications under any environment.

The Material Handling Systems are classified into various types according to purpose.

The one that deals with dangerous objects is named as 'AS/RS for Hazardous Items'.

According to the Building Standards Act, AS/RS for Hazardous Items is included in Indoor Storage. The principle transportation systems are explosion proof type and the building has a fire proof construction.

## The principle parts of AS/RS for Hazardous Items



The front view



Storage & Retrieval System



Items



C . C . R

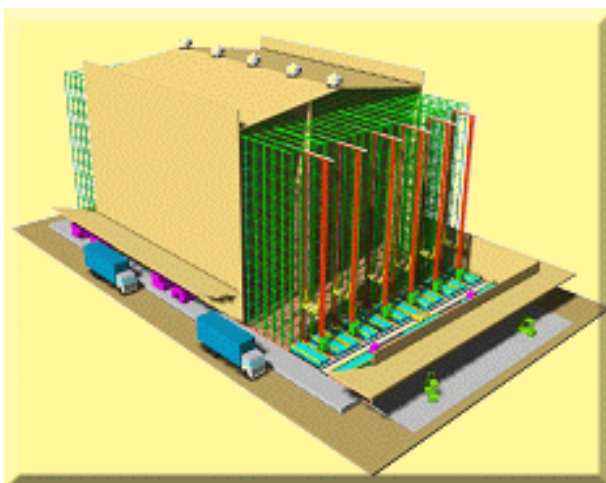
# AS/RS FOR HAZARDOUS ITEMS

## Features

### Total system Engineering

Material Handling Systems Dep't of Hyundai Elevator Co.,Ltd. provides total system engineering of automated systems and we have much know-how of this field based on a number of experience.

To build total automated systems- from simple transportation system to storing items- , we will show you our own know-how of Material Handling Systems.



### Design points

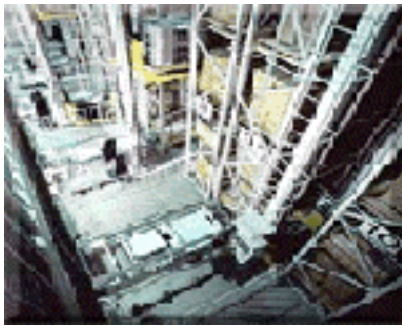
- Compact, space-saving design
- Safe Storage & Retrieval
- Reducing working time

# MAIN FACILITIES

## Main facilities

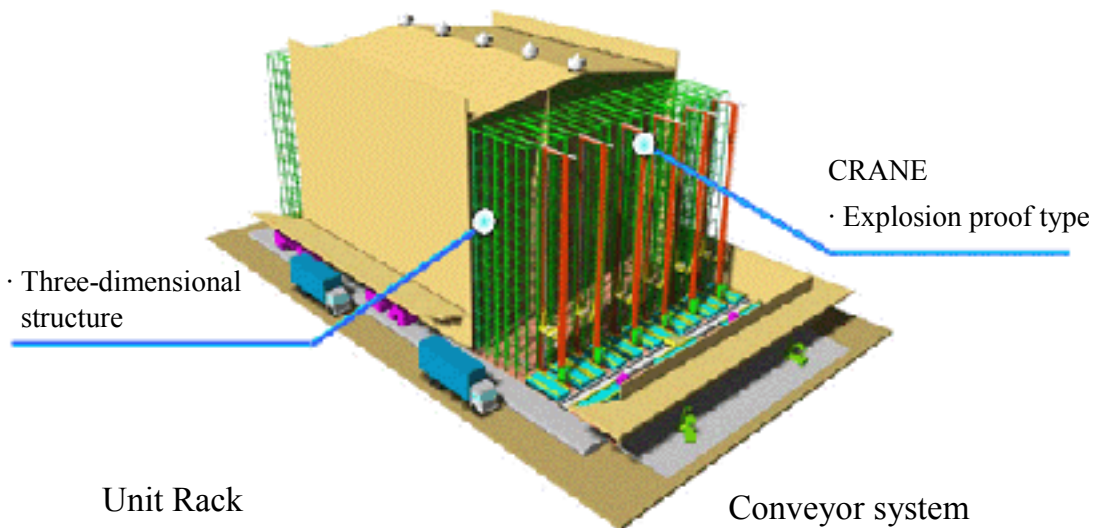
### STACKER CRANE

- Safe storage & retrieval
- Explosion proof type



### RTV

- High-speed transportation
- Explosion proof type



### Unit Rack

- Steel-frame structure for hazardous items



### Conveyor system

- Quiet, speedy, and free transportation



# MAIN ACHIEVEMENTS & PICTURES

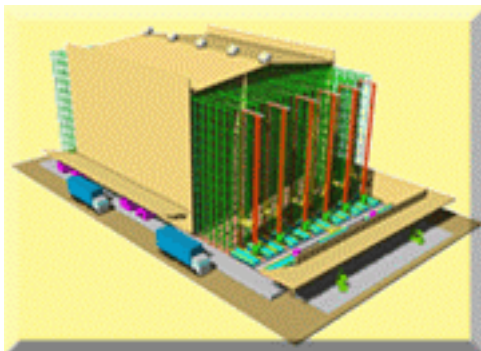
## Main achievements & Pictures



Korea Chemical Co.,Ltd.  
- 8 warehouses, Total 10,075 Cells, Stacker Crane 14 Sets



Hynix Semiconductor Inc.  
- 1 warehouse, Total 5,288 Cells, Stacker Crane 4 Sets



Samhwa Paint Industrial Co., Ltd.(Under construction)  
- 1 warehouse, Total 4,224 Cells, Stacker Crane 6 Sets



C-MHS-E0166  
Material Handling Systems  
February, 2000

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