

# AS/RS

IHI provides the best suitable logistics solution for our customers.

Space Saving

Energy & Resource Saving

Easy and Accurate Stock Control

IHI's Automated Retrieval and Storage system are all about space-saving, labor-saving, and accurate inventory management. It covers a wide range of product line-up that is also applicable for special environments such as freezer storage and clean room application. Holding special items such as dangerous and heavy objects, even cylindrical-shaped items.

## Space Saving!

The system makes full use of space right up to ceiling of the three-dimensional storage that integrates the rack and crane, thereby maximizing the existing storage space.

## Energy & Resource Saving!

The system helps to reduce the workload of searching, walking around and picking up products. With a single worker operating multiple cranes, this comes as a remarkable labor-saving initiative.

## Easy and Accurate Stock Control

The key point of warehouse operations is the handling of goods and inventory control. The automated warehouse system can be easily and accurately managed by anyone via an inventory management computer.



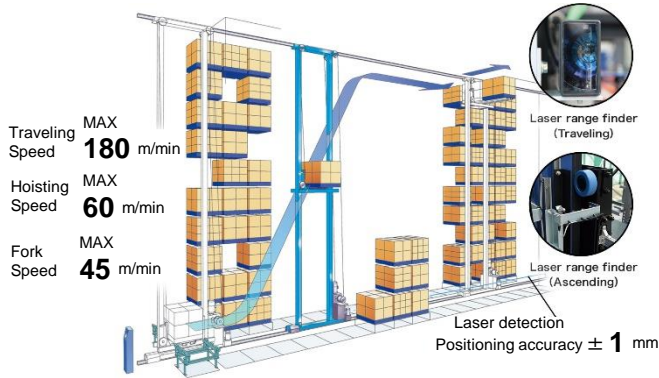
AS/RS for frozen food



AS/RS for Auto-parts

## AS/RS pallet type : Rackpack

AS/RS 3D character, great space savings, and efficiency with a variety of models.



## Space Saving!

We have succeeded in reducing the weight of the crane by 30% and the rack by 10% compared to our conventional products.

## Speedy & Smooth

Enabling input/output in a shorter time while minimizing vibrations to ease impact on cargo by a control system that runs more smoothly and quickly.

## Energy-saving & Ecological

Equipped with power regenerative functions as standard, compared to conventional products,

## AS/RS case type : Robostack

AS/RS Mini load type, designed for store products kinds as baskets, boxes, or cases.

### Vibration Control

Vibration control while increasing or decreasing speed. The crane runs smoothly and does not affect the goods.



Trolley (Up-down)

### Less noise

less noise while working due to the use of polyurethane wheels and aluminum rail



Sensor laser (rangefinder)

### High precision stopping

Use a laser distance meter to determine running and landing positions. High accuracy with real-time measurement



Polyurethane wheels and aluminum

### Supports a variety of products.

Whether the model Side camps or other twin-fog models that are part of our product line-up can be handling any size.



Sensor laser (Up-down)

## Supports a variety of products and special environment by our experience more than 40 years.

We are ready to serve you with years of experience in a wide variety of businesses. IHI's ASRS manages to cover various warehousing e.g., hazardous material storage. Frozen or chilled products, Heavy objects, and even spherical or cylindrical objects. Moreover, including storing unique specimens or storing in special environments.



For frozen storage up to  $-60^{\circ}\text{C}$



For mold storage



For heavy material



For heavy load such as steel plate



For paper roll



For hazardous goods

**IHI** Realize your dreams

**IHI ASIA PACIFIC (Thailand) Co., Ltd.**

No. 6, O-NES Tower, 10th Floor, Soi Sukhumvit 6, Klongtoey, Klongtoey District, Bangkok 10110

Tel: +66-2-236-3490 E-mail: [ihiapt-sales-thai@ihi-g.com](mailto:ihiapt-sales-thai@ihi-g.com) Website: <http://www.ihiapt.co.th/>