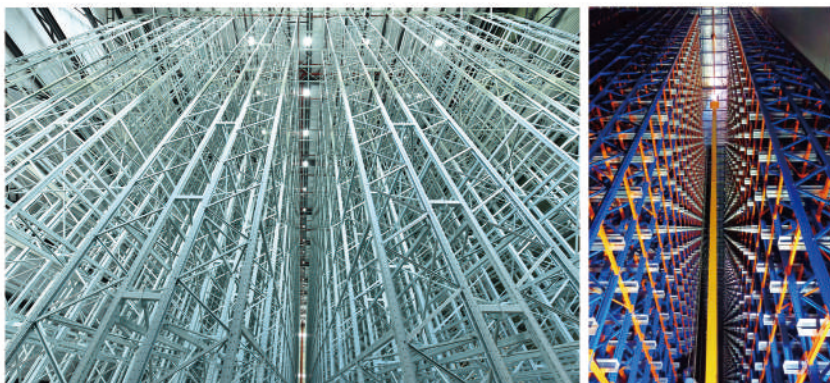
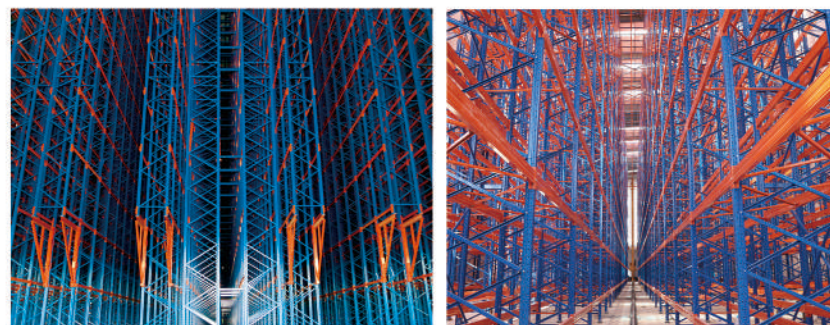


## AS/RS RACKING



ASRS is installed with racking system, stackers, conveyors, cranes and other material handling equipment, operated manually or remotely to achieve automatic access to goods, making full use of storage space, achieving standardization and automation, which greatly reduces the error rate, labor intensity, storage and transportation cost.



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## CLAD-RACK WAREHOUSE



Clad-rack warehouse is a combined structure of warehouse and racking, its conventional structure consists of internal racking and external walls and roofs built on the surface of the racking. For this kind of structure, racking is designed to provide support for the entire warehouse. Clad-rack warehouse is one of the best solutions for high-density storage demand. Compared with ASRS, Rack Supported Building greatly reduces construction time. Besides, by taking advantage of the existing supportive racking, Clad-rack warehouse shows significant advantages on later warehouse operation, further saving costs and spaces. This kind of storage mode has been widely used in Europe and the United States.



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# SHUTTLE RACKING



Radio shuttle racking system is a complete high-density storage system consisting of racks, shuttles and forklifts. This efficient storage method offers new options for increasing warehouse space utilization.



# PALLET SHUTTLE RACKING VS STORAGE RACKING



## PALLET SHUTTLE RACKING BENEFITS:

- Improve 60%~80% warehouse utilization rate
- Highly efficient operation, FIFO/LIFO
- Improve warehouse efficiency and reduce labor cost
- Change shuttle quantity to meet different throughput requirements



## SHUTTLE RACKIING APPLICATION SCENARIO:

- Intensive product storage / semi-finished product storage / raw material storage
- Fresh/frozen storage
- Chemical raw materials storage
- Third party logistics warehouse

# SHUTTLE EQUIPMENT



## Main parameters of radio shuttle

Parameter	Model	Normal Temperature	Cold Storage
Loading capacity		1500kg(max)	1500kg(max)
Operating temperature		+5℃~+40℃	-30℃~+5℃
No-load speed		0.7-1.0m/s	0.7-1.0m/s
Full load speed		0.6-0.8m/s	0.6-0.8m/s
Moving method		Lifting	Lifting
Noise		≤75dB	≤75dB
Power supply		Lithium battery	Lithium battery
Battery capacity		24V60AH	24V60AH
Battery life (full load)		≥8h	≥6h
Charging time		≤6h	≤6h
Control method		Remote controoller	Remote controoller
Others			Insulation and heating accessories