



## Warehouse Construction And Secondary Works

### ■ AS/RS Warehouse (23m height)



### ■ Factory



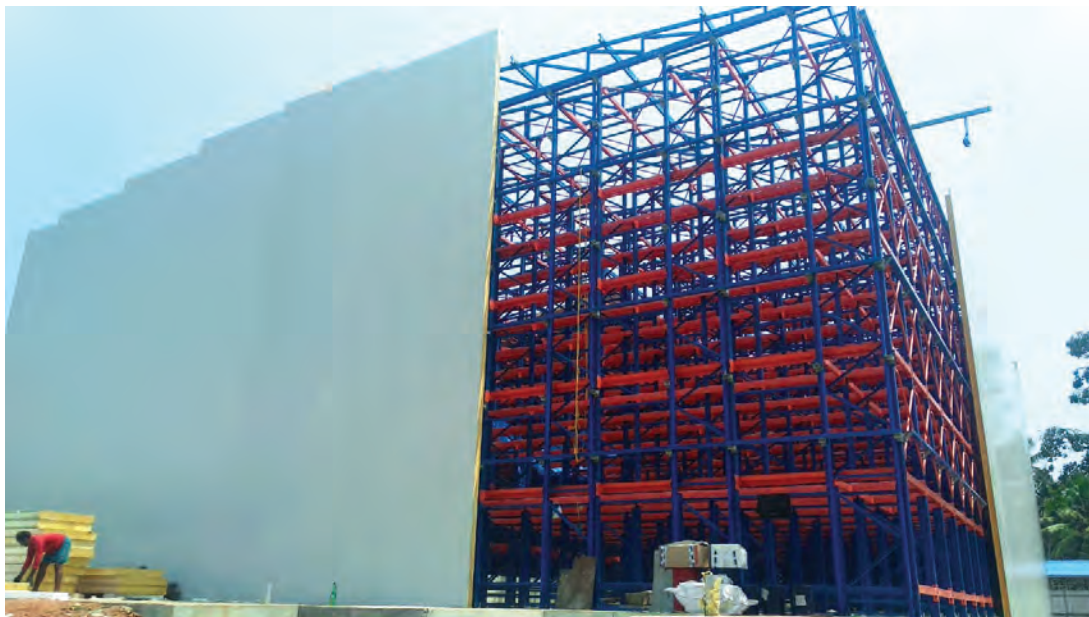




## ■ Rack Support Warehouse



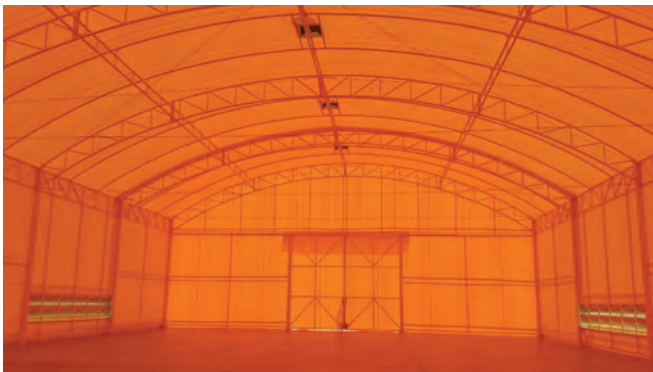
## ■ Rack Support Cooling Warehouse







### ■ Tent House



### ■ Floor Coating







## ■ Monban (Shutter)

Create space value Save power, Save energy, Quality control

**happy gate 門番 monban**

Incredible effects to the environment and air-conditioning.

**G Series** indoor pipeless type  
G062/022/024/114/119/219/GF17/22

width 600 ~ 4500  
height 600 ~ 4500 Unit:mm

Insect proof, dust proof  
Energy saving and air-conditioning  
Improve working environment

Sheet out by collision is automatically return to the rails easily

Collision by lift and track during the operation, the sheet will stop a while and slowly going up (0.5m/s) automatically return into the rails. The structure designed to convenience in case of power failure, woman can also easily get out by simply lifting the sheet.

※Attaching the back up power supply could secure the passage (optional)

MONBAN original technology smoothly open and close with high durability

The highest opening speed in the industry  
3.2 m/sec

Normal operation by operation without switch

Extra opening speed 3.0m/s, Safety closing speed 0.7m/s

the operation of start up sensor or switch will be ran by machine usually driving shorten opening time, efficiency operation is developed concurrently with the improvement of preventing of insect, dust, outside air and energy saving

Reversing program for safety

middle speed 1.5 m/sec low speed 0.5 m/sec

phototube sensor detecting, scan going up except the lowest position  
low speed detect touching or hear while machine is running

Quietness by MONBAN tube

Air tight seal attached to the top frame with high insect and dust proof effect, and ideal for a variety of clean environment.

※Circulating air at 10Pa.  
※Carried out testing at JIS A 1516 indoor airtight examination center  
※Our products can be any number of airtight seals  
※Wind pressure performance can be different depending on the size  
※Air tight seal attached on the top frame only.

Heavy duty less maintenance

Quietness by MONBAN tube

Sheet both sides using MONBAN tube instead of conventional fastener for more silent operation and prevent damage.

※Opening and closing speed you can change according to the application. Adjustable speed, please refer to the following specifications.

Case section drawing

Operation sound reduction compares with ordinary product

10 %

Positive pressure 5.76m/h-m  
Negative pressure 8.35m/h-m

## ■ Mezzanine Floor/Lift

