

# FREIGHT ELEVATOR





## FREIGHT ELEVATOR

The MASHIBA-RHINE Freight Elevator series is expertly crafted to excel in heavy load handling, providing a dependable and efficient solution for transporting goods in diverse work conditions. With its high-strength and robust car structures, it can effortlessly bear substantial loads. In addition, the variable voltage variable frequency (VVVF) door machine enhances the elevator's door system, ensuring swift and adaptable loading and unloading of goods.



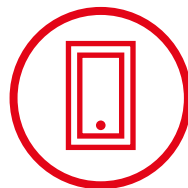
Large width door-opening satisfies ease of entry/exit of large goods.



High intensity compression-resistant section material satisfies transport of large and heavy goods.



Highly accurate leveling satisfies entry and exit of both passengers and goods.



Special display system



Safe guide device



Front and rear door-opening



## AUTOMOBILE ELEVATOR

The MASHIBA-RHINE Automobile Elevator series is purposefully engineered for the vertical transportation of automobiles, functioning much like a heavy-load freight elevator. It's meticulously designed to meet the distinctive demands of automobile loading and unloading, which frequently involve substantial spaces and heavy loads.

# FREIGHT ELEVATOR CAR CAGE



## RHG-001-1

Ceiling:	Paint Steel	Door Opening Mode:	2 Panel Side Opening (2S)
Car Wall / Car Door:	Paint Steel	Floor:	Chequered Plate
Illumination:	Energy-saving Light		

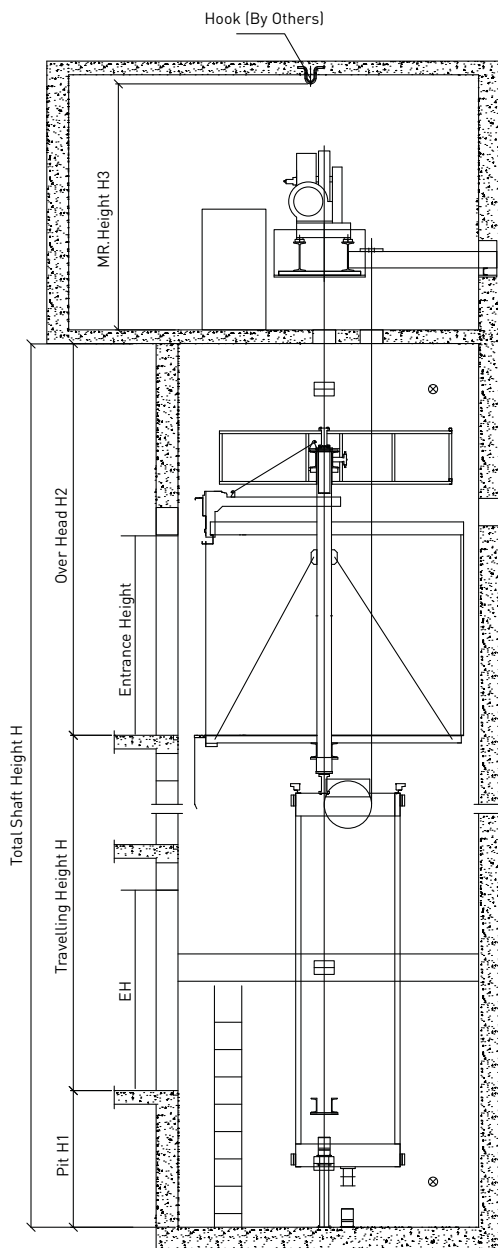


## **RHG-001-2**

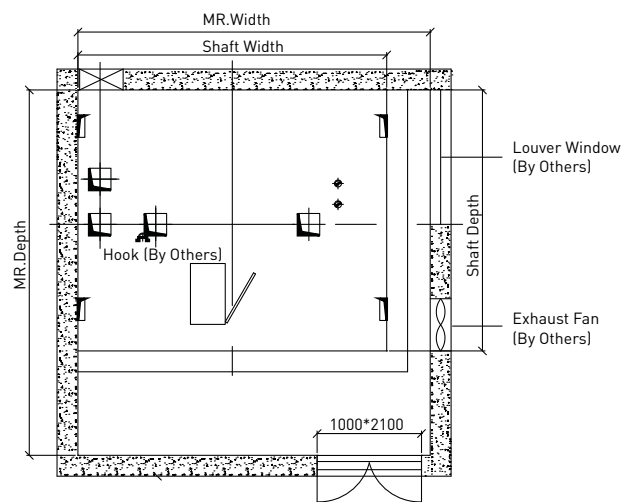
Ceiling:	Hairline Stainless Steel	Door Opening Mode:	4 Panel Center Opening (2CO)
Car Wall / Car Door:	Hairline Stainless Steel		
Illumination:	Energy-saving Light	Floor:	Chequered Plate

# FREIGHT ELEVATOR STANDARD CONSTRUCTION LAYOUT

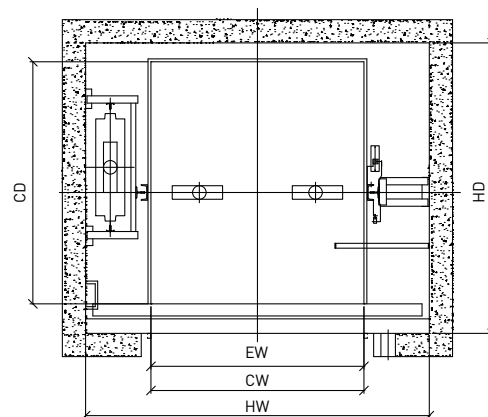
SHAFT SECTION



MACHINE ROOM PLAN



SHAFT PLAN







## BASIC SPECIFICATION PARAMETERS

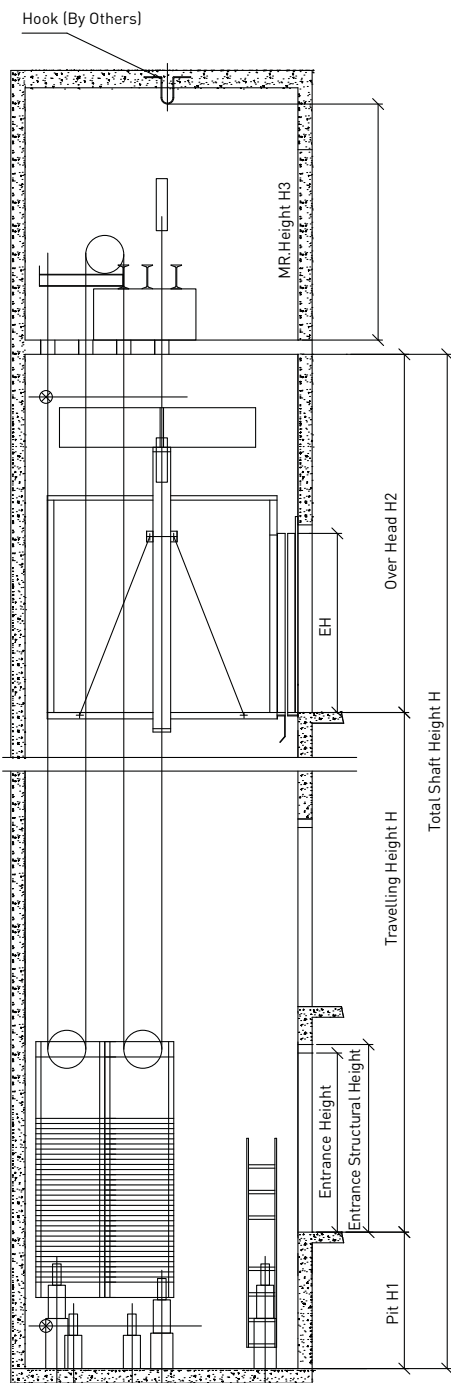
Rate Load (kg)	Speed (m/s)	Car Internal Size CW X CD(mm)	Entrance Size EW X EH(mm)	Number of Open Doors	Door Type	Hoistway Size HW X HD	Pit Depth H1(mm)	Overhead Height H2(mm)	Remarks
1600	0.5	1500 X 2200	1300 X 2100	Single Entrance	2 Panel Side Opening (2S)	2500 X 2800	1500	4300	Simplex
	1.0								
1600	0.5	1500 X 2100	1300 X 2100	Double Entrance	2 Panel Side Opening (2S)	2500 X 2800	1500	4300	Simplex
	1.0								
2000	0.5	1800 X 2200	1500 X 2100	Single Entrance	2 Panel Side Opening (2S)	2800 X 2800	1500	4300	Simplex
	1.0								
2000	0.5	1800 X 2100	1500 X 2100	Double Entrance	2 Panel Side Opening (2S)	2800 X 2800	1500	4300	Simplex
	1.0								
2500	0.5	2000 X 2500	2000 X 2100	Single Entrance	4 Panel Center Opening (2CO)	3350 X 3000	1500	4300	Simplex
	1.0								
2500	0.5	2000 X 2500	2000 X 2100	Double Entrance	4 Panel Center Opening (2CO)	3350 X 3100	1500	4300	Simplex
	1.0								
3000	0.5	2200 X 2500	2200 X 2100	Single Entrance	4 Panel Center Opening (2CO)	3550 X 3000	1500	4300	Simplex
	1.0								
3000	0.5	2200 X 2400	2200 X 2100	Double Entrance	4 Panel Center Opening (2CO)	3550 X 3000	1500	4300	Simplex
	1.0								
4000	0.25	2200 X 3300	2200 X 2100	Single Entrance	4 Panel Center Opening (2CO)	3800 X 3800	1500	4500	Simplex
	0.5								
	1.0								
4000	0.25	2200 X 3300	2200 X 2100	Double Entrance	4 Panel Center Opening (2CO)	3800 X 3900	1500	4500	Simplex
	0.5								
	1.0								
5000	0.25	2400 X 3600	2400 X 2100	Single Entrance	4 Panel Center Opening (2CO)	4000 X 4100	1600	4800	Simplex
	0.5								
	1.0								
5000	0.25	2400 X 3600	2400 X 2100	Double Entrance	4 Panel Center Opening (2CO)	4000 X 4200	1600	4800	Simplex
	0.5								
	1.0								

### Remarks:

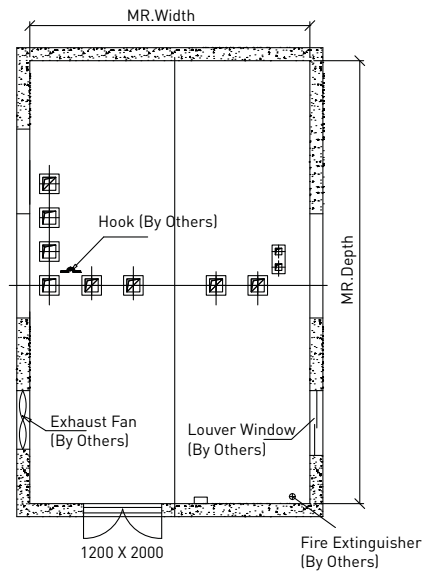
1. The dimensions listed in the chart represent the minimum requirements for the hoistway.
2. The width and depth dimensions are based on a clear dimension with a tolerance of  $\pm 25.4$ mm at each side.

# CAR ELEVATOR STANDARD CONSTRUCTION LAYOUT

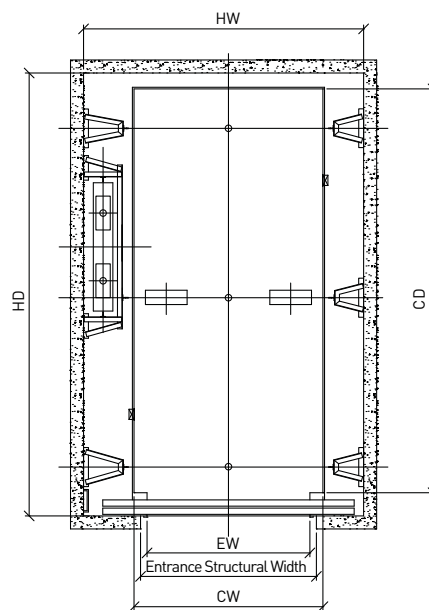
SHAFT SECTION



MACHINE ROOM PLAN



SHAFT PLAN





**BASIC SPECIFICATION PARAMETERS**

Rated Load (kg)	Speed m/s	Car Internal Size CW X CD (mm)	Entrance Size EW X EH(mm)	Hoistway Size HW X HD (mm)		Machine Room Size MR.W X MR.D X H3 (mm)		Pit Depth H1 (mm)	Overhead Height H2 (mm)
			4 Panel Center Opening (2CO)	Single	Double	Single	Double		
3000 (Double Entrance)	0.25	2600 X 5460	2400 X 2200	4100 X 6200	8500 X 6200	4100 X 6200 X 3000	8500 X 6200 X 3000	1600	4700
	0.5								
3000 (Single Entrance)	0.25	2600 X 5500	2400 X 2200	4100 X 6200	8300 X 6200	4000 X 6200 X 3000	8300 X 6200 X 3000	1600	4700
	0.5								
5000 (Double Entrance)	0.25	2400 X 5980	2500 X 2200	4300 X 6700	8900 X 6700	4300 X 6700 X 3000	8900 X 6700 X 3000	1700	4700
	0.5								
5000 (Single Entrance)	0.25	2900 X 6200	2500 X 2200	4300 X 6800	8900 X 6800	4300 X 6800 X 3000	8900 X 6800 X 3000	1700	4700
	0.5								

**Remarks:**

1. The dimensions listed in the chart represent the minimum requirements for the hoistway.
2. The width and depth dimensions are based on a clear dimension with a tolerance of ±25.4mm at each side.

# **MASHIBA**

*Comfort For Life*

## INTERNATIONAL SALES OFFICE

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