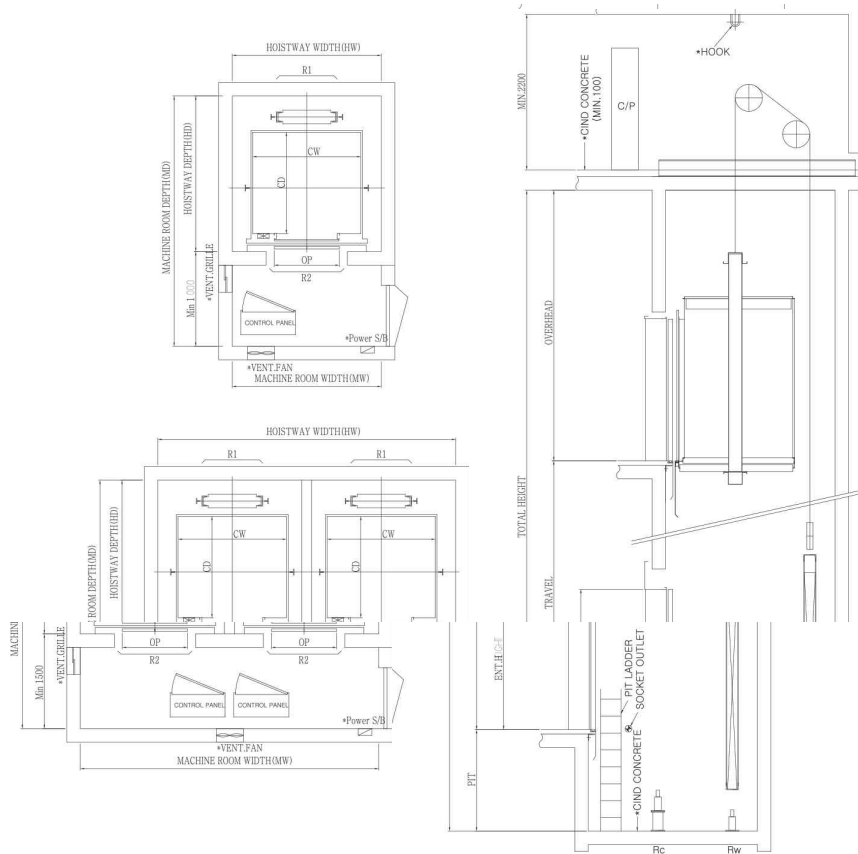


# ELEVATOR LAYOUT DIMENSION

## Passenger Elevator (Machine Room)



Note.  
Marked as "\*" shall be provided by builder (or owner)

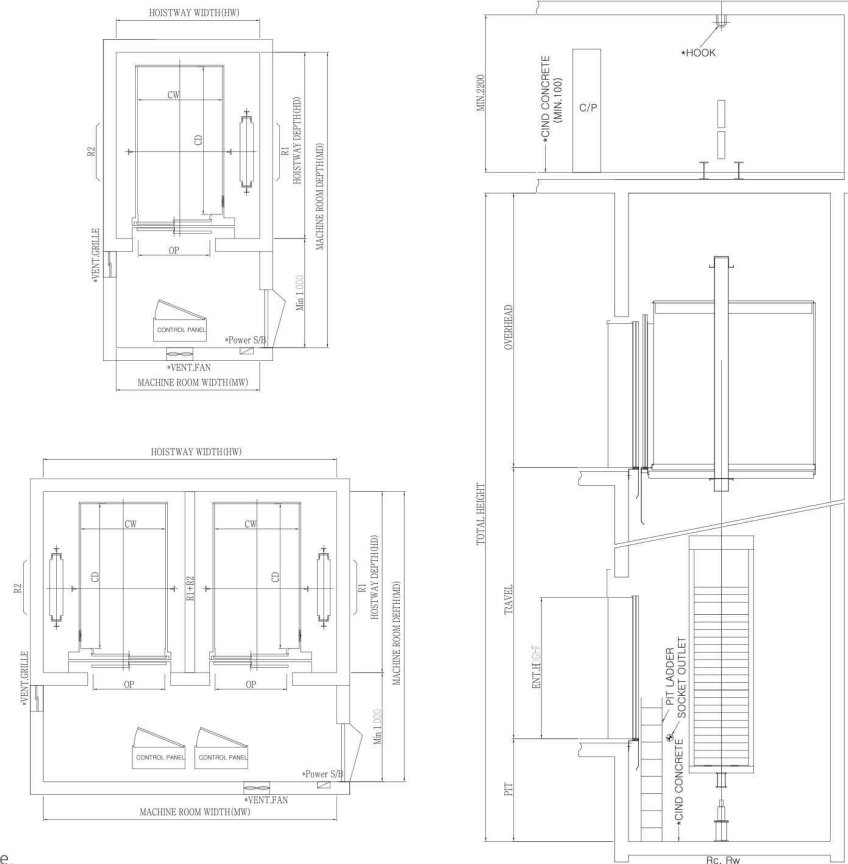
HOISTWAY SECTION

| (Unit:mm)        |          |      |              |       |            |      |      |                          |      |                               |       |      |       |                          |       |
|------------------|----------|------|--------------|-------|------------|------|------|--------------------------|------|-------------------------------|-------|------|-------|--------------------------|-------|
| Speed<br>[m/min] | Capacity |      | Door Opening |       | Car Insize |      |      | Hoistway size<br>Simplex |      | MC Beam Reaction<br>Load (kg) |       |      |       | Pit Reaction<br>Load(kg) |       |
|                  | person   | [kg] | Type         | width | CW         | CD   | HW   | HD                       | R1   | R2                            | R3    | R4   | Rc    | Rw                       | Rw    |
|                  | 7        | 550  | 2P-CO        | 800   | 1400       | 1000 | 2050 | 1600                     | 2200 | 4000                          | 1500  | 400  | 6200  | 4500                     | 4500  |
|                  | 8        | 600  | 2P-CO        | 800   | 1400       | 1100 | 2100 | 1700                     | 2200 | 4300                          | 3100  | 600  | 6550  | 4700                     | 4700  |
|                  | 9        | 680  | 2P-CO        | 800   | 1400       | 1200 | 2100 | 1800                     | 2200 | 4300                          | 3400  | 600  | 7300  | 5150                     | 5150  |
|                  | 10       | 750  | 2P-CO        | 800   | 1400       | 1300 | 2100 | 1850                     | 2300 | 4500                          | 3850  | 600  | 7800  | 5500                     | 5500  |
|                  | 12       | 900  | 2P-CO        | 900   | 1600       | 1300 | 2300 | 1850                     | 2600 | 5100                          | 4100  | 700  | 9400  | 6650                     | 6650  |
|                  | 13       | 1000 | 2P-CO        | 900   | 1600       | 1400 | 2300 | 1900                     | 2600 | 5200                          | 4600  | 700  | 9950  | 6900                     | 6900  |
|                  | 15       | 1150 | 2P-CO        | 1000  | 1800       | 1450 | 2500 | 2050                     | 2900 | 5850                          | 7750  | 850  | 12300 | 8750                     | 8750  |
|                  | 17       | 1275 | 2P-CO        | 1000  | 1800       | 1600 | 2500 | 2200                     | 3300 | 6500                          | 8000  | 1050 | 13300 | 9200                     | 9200  |
|                  | 18       | 1350 | 2P-CO        | 1100  | 2000       | 1450 | 2700 | 2100                     | 3500 | 6800                          | 8250  | 1100 | 13600 | 9500                     | 9500  |
|                  | 21       | 1600 | 2P-CO        | 1200  | 2100       | 1600 | 2800 | 2250                     | 4700 | 7200                          | 8700  | 1200 | 15400 | 11600                    | 11600 |
|                  | 26       | 2000 | 2P-CO        | 1200  | 2350       | 1700 | 2900 | 2400                     | 6200 | 7600                          | 10600 | 1400 | 19100 | 14600                    | 14600 |
|                  | 33       | 2500 | 2P-CO        | 1200  | 2350       | 2050 | 2900 | 2750                     | 7300 | 8200                          | 12600 | 1600 | 23700 | 18300                    | 18300 |

| Capacity<br>[kg] | Speed<br>[m/min] | Overhead<br>[mm] | Pit Depth<br>[mm] | Remark |
|------------------|------------------|------------------|-------------------|--------|
| 550~1000         | 45               | 4000             | 1400              |        |
|                  | 60               | 4100             | 1500              |        |
|                  | 90               | 4200             | 1600              |        |
|                  | 105              | 4300             | 1700              |        |
|                  | 105              | 4500             | 1800              |        |
| 1150~2500        | 45               | 4100             | 1500              |        |
|                  | 60               | 4200             | 1600              |        |
|                  | 90               | 4300             | 1700              |        |
|                  | 105              | 4500             | 1900              |        |
|                  | 120              | 4800             | 2000              |        |

# ELEVATOR LAYOUT DIMENSION

## Bed Elevator (Machine Room)



Note.  
Marked as "\*" shall be provided by builder (or owner)

HOISTWAY SECTION

### Code area

(Unit:mm)

| Speed   | Capacity |      | Door Opening |       | Car Insize |      | Hoistway size |      |        |      | Machine room size |      |        |      | MC Room Reaction Load(kg) |      | Pit Reaction Load (kg) |      |
|---------|----------|------|--------------|-------|------------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------------------|------|------------------------|------|
|         |          |      |              |       |            |      | Simplex       |      | Duplex |      | Simplex           |      | Duplex |      |                           |      |                        |      |
| [m/min] | person   | [kg] | Type         | Width | CW         | CD   | HW            | HD   | HW     | HD   | MW                | MD   | MW     | MD   | R1                        | R2   | Rc                     | Rw   |
| 60~105  | 20       | 1350 | 2P-25        | 1100  | 1300       | 2300 | 2100          | 2800 | 4350   | 2800 | 2100              | 3000 | 4350   | 3000 | 7900                      | 6100 | 8800                   | 6700 |
|         | 24       | 1600 | 2P-25        | 1200  | 1500       | 2300 | 2300          | 2800 | 4750   | 2800 | 2300              | 3000 | 4750   | 3000 | 11550                     | 8500 | 9500                   | 7700 |

### Non-code area

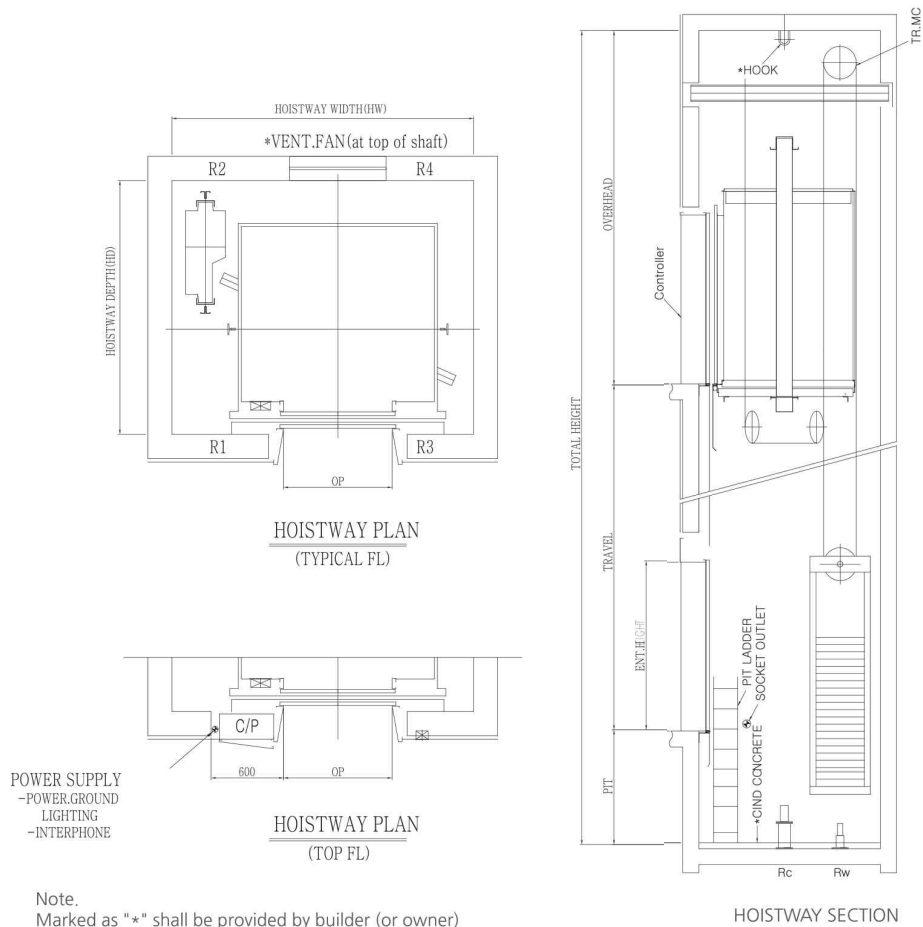
(Unit:mm)

| Speed   | Capacity |      | Door Opening |       | Car Insize |      | Hoistway size |      |        |      | Machine room size |      |        |      | MC Room Reaction Load(kg) |      | Pit Reaction Load (kg) |      |
|---------|----------|------|--------------|-------|------------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------------------|------|------------------------|------|
|         |          |      |              |       |            |      | Simplex       |      | Duplex |      | Simplex           |      | Duplex |      |                           |      |                        |      |
| [m/min] | person   | [kg] | Type         | Width | CW         | CD   | HW            | HD   | HW     | HD   | MW                | MD   | MW     | MD   | R1                        | R2   | Rc                     | Rw   |
| 60~105  | 10(11)   | 750  | 2P-25        | 1100  | 1300       | 2300 | 2100          | 2800 | 4350   | 2800 | 2100              | 3000 | 4350   | 3000 | 6500                      | 4100 | 8500                   | 6500 |
|         | 13(15)   | 1000 | 2P-25        | 1200  | 1500       | 2300 | 2300          | 2800 | 4750   | 2800 | 2300              | 3000 | 4750   | 3000 | 6800                      | 5100 | 9000                   | 7000 |

| Capacity [kg] | Speed [m/min] | Overhead [mm] | Pit Depth [mm] | Machine Room Height [mm] | Remark |
|---------------|---------------|---------------|----------------|--------------------------|--------|
| 750~1600      | 60            | 4400          | 1500           | 2100                     |        |
|               | 90            | 4500          | 1600           | 2200                     |        |
|               | 105           | 4700          | 1700           | 2300                     |        |

# ELEVATOR LAYOUT DIMENSION

## Passenger Elevator (Machine Roomless)



HOISTWAY SECTION

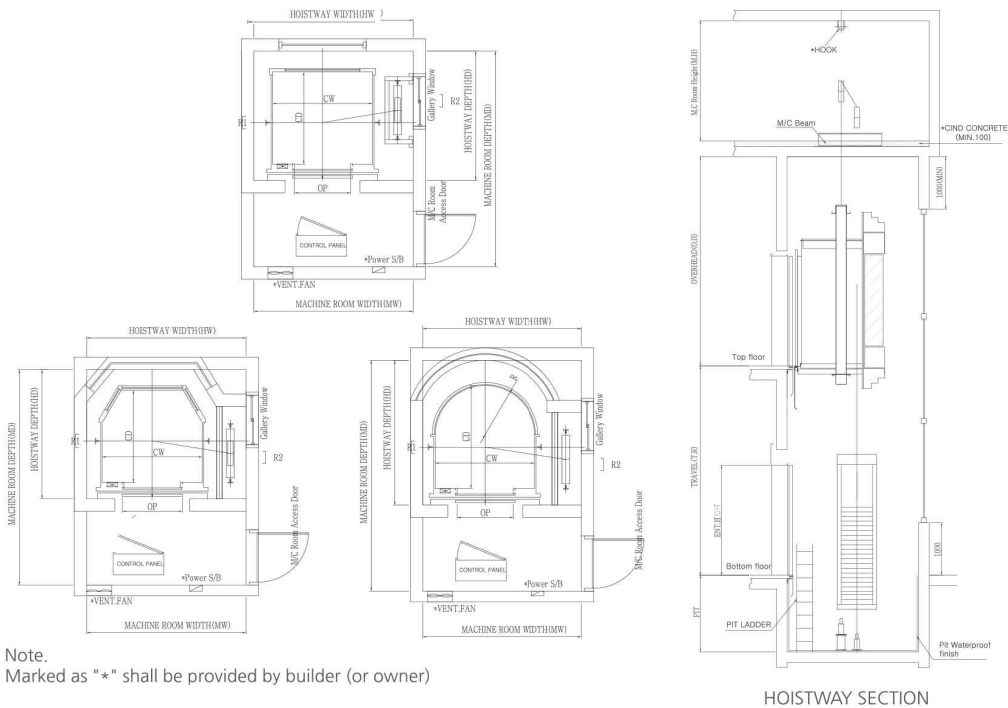
(Unit:mm)

| Speed<br>[m/min] | Capacity |      | Door Opening |       | Car Insize |      | Hoistway size<br>Simplex |      | MC Room Reaction Load (kg) |      |       |      | Pit Reaction Load(kg) |       |
|------------------|----------|------|--------------|-------|------------|------|--------------------------|------|----------------------------|------|-------|------|-----------------------|-------|
|                  | person   | [kg] | Type         | width | CW         | CD   | HW                       | HD   | R1                         | R2   | R3    | R4   | Rc                    | Rw    |
| 60~105           | 6        | 400  | 2P-CO        | 700   | 1100       | 1050 | 1850                     | 1600 | 2200                       | 4000 | 1500  | 400  | 5500                  | 3300  |
|                  | 8        | 550  | 2P-CO        | 800   | 1400       | 800  | 2050                     | 1500 | 2200                       | 4000 | 1500  | 400  | 6200                  | 4500  |
|                  | 9        | 600  | 2P-CO        | 800   | 1400       | 1100 | 2100                     | 1700 | 2200                       | 4300 | 3100  | 600  | 6550                  | 4700  |
|                  | 10       | 680  | 2P-CO        | 800   | 1400       | 1200 | 2100                     | 1800 | 2200                       | 4300 | 3400  | 600  | 7300                  | 5150  |
|                  | 11       | 750  | 2P-CO        | 800   | 1400       | 1300 | 2100                     | 1850 | 2300                       | 4500 | 3850  | 600  | 7800                  | 5500  |
|                  | 13       | 900  | 2P-CO        | 900   | 1600       | 1300 | 2300                     | 1850 | 2600                       | 5100 | 4100  | 700  | 9400                  | 6650  |
|                  | 15       | 1000 | 2P-CO        | 900   | 1600       | 1400 | 2300                     | 1900 | 2600                       | 5200 | 4600  | 700  | 9950                  | 6900  |
|                  | 17       | 1150 | 2P-CO        | 1000  | 1800       | 1450 | 2200                     | 2050 | 2900                       | 5850 | 7750  | 850  | 12300                 | 8750  |
|                  | 20       | 1350 | 2P-CO        | 1100  | 2000       | 1450 | 2500                     | 2100 | 3500                       | 6800 | 8250  | 1100 | 13600                 | 9500  |
|                  | 24       | 1600 | 2P-CO        | 1200  | 2100       | 1600 | 2600                     | 2250 | 4700                       | 7200 | 8700  | 1200 | 15400                 | 11600 |
|                  | 30       | 2000 | 2P-CO        | 1200  | 2350       | 1700 | 2850                     | 2400 | 6200                       | 7600 | 10600 | 1400 | 19100                 | 14600 |
|                  | 36       | 2500 | 2P-CO        | 1200  | 2350       | 2050 | 2850                     | 2750 | 7300                       | 8200 | 12600 | 1600 | 23700                 | 18300 |

| Capacity<br>[kg] | Speed<br>[m/min] | Overhead<br>[mm] | Pit Depth<br>[mm] | Remark |
|------------------|------------------|------------------|-------------------|--------|
| 400~1000         | 45               | 3800             | 1400              |        |
|                  | 60               | 3800             | 1500              |        |
|                  | 90               | 4000             | 1600              |        |
|                  | 105              | 4300             | 1700              |        |
| 1150~2500        | 45               | 4000             | 1500              |        |
|                  | 60               | 4000             | 1600              |        |
|                  | 90               | 4200             | 1700              |        |
|                  | 105              | 4500             | 1900              |        |

# ELEVATOR LAYOUT DIMENSION

## Panoramic Elevator (Machine Room)



Note.  
Marked as "\*" shall be provided by builder (or owner)

### 1 Side Panoramic

(Unit:mm)

| Speed   | Capacity |      | Door Opening |       | Car Insize |      | Hoistway size |      |        |      | Machine room size |      |        |      | MC Room Reaction Load(kg) |      | Pit Reaction Load (kg) |       |
|---------|----------|------|--------------|-------|------------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------------------|------|------------------------|-------|
|         |          |      |              |       |            |      | Simplex       |      | Duplex |      | Simplex           |      | Duplex |      |                           |      |                        |       |
| [m/min] | person   | [kg] | Type         | Width | CW         | CD   | HW            | HD   | HW     | HD   | MW                | MD   | MW     | MD   | R1                        | R2   | Rc                     | Rw    |
| 60~105  | 8        | 550  | 2P-CO        | 800   | 1400       | 1000 | 2200          | 1500 | 4500   | 1500 | 2200              | 2000 | 4500   | 2000 | 4250                      | 3350 | 6700                   | 5500  |
|         | 9        | 600  | 2P-CO        | 800   | 1400       | 1100 | 2200          | 1600 | 4500   | 1600 | 2200              | 2000 | 4500   | 2000 | 4500                      | 3500 | 7050                   | 5700  |
|         | 10       | 680  | 2P-CO        | 800   | 1400       | 1200 | 2200          | 1700 | 4500   | 1700 | 2200              | 2000 | 4500   | 2000 | 4900                      | 3700 | 7050                   | 5700  |
|         | 11       | 750  | 2P-CO        | 800   | 1400       | 1300 | 2200          | 1900 | 4500   | 1900 | 2200              | 2200 | 4500   | 2200 | 5400                      | 4000 | 8300                   | 6500  |
|         | 13       | 900  | 2P-CO        | 900   | 1600       | 1300 | 2400          | 1900 | 4900   | 1900 | 2400              | 2200 | 4900   | 2200 | 6300                      | 4350 | 9900                   | 8800  |
|         | 15       | 1000 | 2P-CO        | 900   | 1600       | 1400 | 2400          | 2000 | 4950   | 2000 | 2400              | 2200 | 4950   | 2200 | 6650                      | 4650 | 11600                  | 9200  |
|         | 17       | 1150 | 2P-CO        | 1000  | 1800       | 1450 | 2600          | 2050 | 5350   | 2050 | 2600              | 2200 | 5350   | 2200 | 10050                     | 6000 | 12400                  | 10200 |
|         | 20       | 1350 | 2P-CO        | 1100  | 2000       | 1450 | 2800          | 2050 | 5750   | 2050 | 2800              | 2200 | 5750   | 2200 | 10700                     | 6500 | 12900                  | 11900 |
|         | 24       | 1600 | 2P-CO        | 1100  | 2100       | 1600 | 3000          | 2200 | 6150   | 2200 | 3000              | 2200 | 6150   | 2200 | 12050                     | 6650 | 13400                  | 12400 |

### Round Panoramic

| Speed   | Capacity |      | Door Opening |       | Car Insize |      | Hoistway size |      |        |      | Machine room size |      |        |      | MC Room Reaction Load(kg) |      | Pit Reaction Load (kg) |       |
|---------|----------|------|--------------|-------|------------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------------------|------|------------------------|-------|
|         |          |      |              |       |            |      | Simplex       |      | Duplex |      | Simplex           |      | Duplex |      |                           |      |                        |       |
| [m/min] | person   | [kg] | Type         | Width | CW         | CD   | HW            | HD   | HW     | HD   | MW                | MD   | MW     | MD   | R1                        | R2   | Rc                     | Rw    |
| 60~105  | 15       | 1000 | 2P-CO        | 900   | 1400       | 1800 | 2400          | 2450 | 4950   | 2450 | 2400              | 3150 | 4950   | 3150 | 7600                      | 5250 | 13800                  | 11400 |
|         | 17       | 1250 | 2P-CO        | 900   | 1500       | 1800 | 2500          | 2550 | 5150   | 2550 | 2500              | 3250 | 5150   | 3250 | 10200                     | 6750 | 14600                  | 12400 |
|         | 20       | 1350 | 2P-CO        | 1000  | 1600       | 1950 | 2650          | 2700 | 5450   | 2700 | 2650              | 3400 | 5450   | 3400 | 11250                     | 6750 | 16100                  | 15100 |
|         | 24       | 1600 | 2P-CO        | 1100  | 1700       | 2100 | 2850          | 2850 | 5850   | 2850 | 2850              | 3550 | 5850   | 3550 | 12450                     | 6850 | 16600                  | 15600 |

### 3 Side Panoramic

| Speed   | Capacity |      | Door Opening |       | Car Insize |      | Hoistway size |      |        |      | Machine room size |      |        |      | MC Room Reaction Load(kg) |      | Pit Reaction Load (kg) |       |
|---------|----------|------|--------------|-------|------------|------|---------------|------|--------|------|-------------------|------|--------|------|---------------------------|------|------------------------|-------|
|         |          |      |              |       |            |      | Simplex       |      | Duplex |      | Simplex           |      | Duplex |      |                           |      |                        |       |
| [m/min] | person   | [kg] | Type         | Width | CW         | CD   | HW            | HD   | HW     | HD   | MW                | MD   | MW     | MD   | R1                        | R2   | Rc                     | Rw    |
| 60~105  | 13       | 900  | 2P-CO        | 900   | 1500       | 1450 | 2400          | 2050 | 4950   | 2050 | 2400              | 2750 | 4950   | 2750 | 7250                      | 4650 | 12200                  | 10000 |
|         | 15       | 1000 | 2P-CO        | 900   | 1500       | 1650 | 2400          | 2250 | 4950   | 2250 | 2400              | 2950 | 4950   | 2950 | 7600                      | 4950 | 12800                  | 10400 |
|         | 17       | 1250 | 2P-CO        | 1000  | 1600       | 1750 | 2650          | 2400 | 5450   | 2400 | 2650              | 3100 | 5450   | 3100 | 10200                     | 6400 | 13600                  | 11400 |
|         | 20       | 1350 | 2P-CO        | 1000  | 1700       | 1850 | 2750          | 2500 | 5650   | 2500 | 2750              | 3200 | 5650   | 3200 | 11050                     | 6650 | 14100                  | 13100 |
|         | 24       | 1600 | 2P-CO        | 1000  | 1700       | 2100 | 2850          | 2750 | 5850   | 2750 | 2850              | 3450 | 5850   | 3450 | 12200                     | 7050 | 14600                  | 13600 |

| Speed [m/min] | Overhead [mm] | Pit Depth [mm] | Machine Room Height [mm] | Remark             |
|---------------|---------------|----------------|--------------------------|--------------------|
| 60            | 4500          | 2000           | 2100/2300                | 2300 : Load = 1600 |
| 90            | 4600          | 2100           | 2200/2300                |                    |
| 105           | 4700          | 2300           | 2200/2300                |                    |

# ELEVATOR LAYOUT DIMENSION

Entrance Plan

