

Hospital Bed Elevators

Integrated into the system is such an advanced technology as VVVF (Variable Voltage Variable Frequency) inverter drive which serves the purpose of great cost reduction by innovative energy saving, as well as excellent riding comfort of elevators.

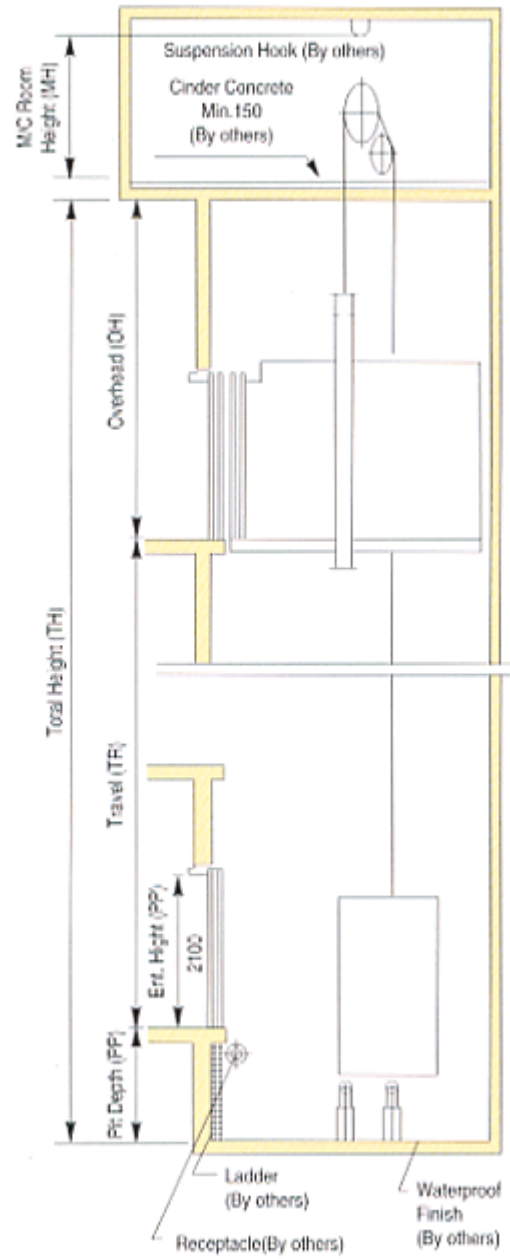
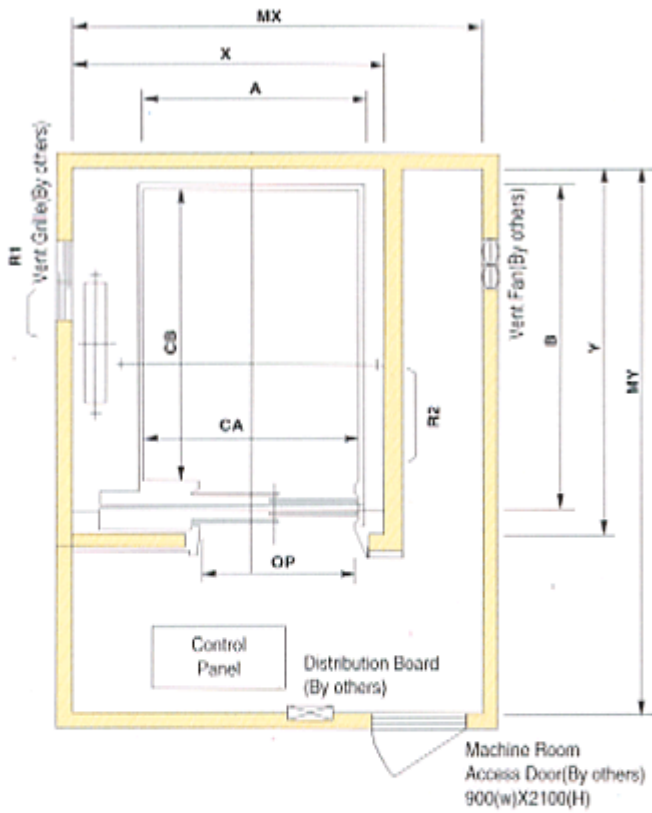
Basically, Hospital Bed Elevators are planned, designed and manufactured, bearing passengers' security and convenience first in mind. The elegant designs and various features that these elevators show off are the key to enhancing the dignity of hospital facilities in addition to providing the amenities that hospital pursues.

Besides, the **Space Saver**, an innovative new elevator which does not require a separate machine room (**Machine-Room-Less elevator**), is architecturally more flexible than any traction elevator and it will enhance the value of your property while providing more rental space and less power consumption.

Main advantages

- Superior riding
- Enhanced function of signal fixtures
- Remote monitoring system (optional)
- Self-checking system built in computer
- 50% energy saving (Compared to conventional AC control system)
- 50% reduction in building power requirement (compared to conventional AC control system)
- Excellent security of door for wheelchair and hospital bed (A gap between car sill and hatch sill is 25mm)

Hospital Bed Elevators Layout Plan



Standard Dimensions & Reactions

Unit (mm)

| Type | Model | Clear Opening | CAR | | Hoistway | M/C Room | M/C Room Reaction (kg) | |
|----------------------|-----------------|---------------|-----------|-----------|-----------|-----------|------------------------|------|
| | | | Internal | External | | | R1 | R2 |
| | | OP | CA x CB | A x B | X x Y | MX x MY | | |
| Standard Type | B750-2S30, 45 | 1100 | 1300x2300 | 1360x2490 | 2050x2850 | 2300x3500 | 5790 | 3450 |
| | B750-2S60 | | | | | | 5900 | 3750 |
| | B1000-2S30, 45 | 1200 | 1500x2500 | 1560x2690 | 2300x3050 | 2750x4000 | 6500 | 3700 |
| | B1000-2S60 | | | | | | 6800 | 4100 |
| Double Entrance Type | B750-2SD30, 45 | 1100 | 1300x2300 | 1360x2635 | 2050x3000 | 2300x3500 | 5790 | 3450 |
| | B750-2SD60 | | | | | | 5900 | 3700 |
| | B1000-2SD30, 45 | 1200 | 1500x2500 | 1560x2835 | 2400x3200 | 2750x4000 | 9300 | 3700 |
| | B1000-2SD60 | | | | | | 9500 | 4100 |

Unit (mm)

| Speed (m/min) | Overhead (OH) | Pit (PP) | M/C Room Height (MH) |
|---------------|---------------|----------|----------------------|
| 30, 45 | 4400 | 1200 | 2200 |
| 60 | 4600 | 1500 | |
| 90 | 4800 | 1800 | 2400 |
| 105 | 5000 | 2100 | |

Note:

- Machine room temperature should be maintained below 40° with ventilation fan and/or air conditioner, if necessary, and humidity below 90%.
- In case of special hoistway, machine room height may be higher than above size.
- Above is minimum size.