

PROJECT NEWS

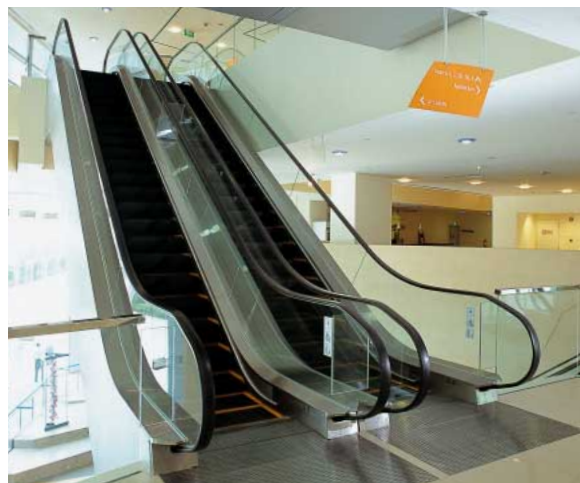


Biopolis Singapore

Biopolis is a government-financed biomedical research and development hub constructed in the high-tech district called Singapore's Silicon Valley.

In the science institute facility consisting of seven buildings, including a 13-story block, Fujitec installed 45 elevators and eight escalators.

In the facility using advanced information technology, all the elevator and escalator systems are monitored by a tele-monitoring system. In addition, linked through a LAN, the entire building control system offers an optimal control.



Owner :
JTC Corporation
Architect:
JTC Corporation
Contractor:
Samsung Corporation

Biopolis

- 1. Site : Singapore
- 2. Building : 13-story Office Building (3 below ground)
- 3. Specifications

Elevators:

Use	Elevator Control	Capacity kg(lbs)	Speed mpm(fpm)	Stops/Floors	Units	Operation
P	AC-Geared (VVVF)	1,565(3,450)	105(350)	13/13	6	FLEX-N300(6GSO)
P	AC-Geared (VVVF)	1,020(2,250)	120(400)	9/9	3	FLEX-N160(3GSO)
P	AC-Geared (VVVF)	1,020(2,250)	120(400)	8/8	3	FLEX-N160(3GSO)
P	AC-Geared (VVVF)	680(1,500)	120(400)	8/8	2	FLEX-N100(2GSO)
P	AC-Geared (VVVF)	680(1,500)	105(350)	10/10	3	FLEX-N160(3GSO)
P	AC-Geared (VVVF)	680(1,500)	105(350)	8/8	6	FLEX-N160(3GSO×2)
P	AC-Geared (VVVF)	900(1,980)	105(350)	9/9	1	SC
P	AC-Geared (VVVF)	1,430(3,150)	60(200)	4/4	1	SC
P	AC-Geared (VVVF)	900(1,980)	60(200)	4/4	5	SC
S	AC-Geared (VVVF)	2,040(4,500)	105(350)	16/16	1	SC
S	AC-Geared (VVVF)	2,040(4,500)	105(350)	13/13	1	SC
S	AC-Geared (VVVF)	2,040(4,500)	105(350)	12/12	1	SC
S	AC-Geared (VVVF)	2,040(4,500)	105(350)	11/11	4	SC
F	AC-Geared (VVVF)	3,000(6,600)	60(200)	15/15	1	SC
F	AC-Geared (VVVF)	3,000(6,600)	60(200)	12/12	1	SC
F	AC-Geared (VVVF)	3,000(6,600)	60(200)	11/11	1	SC
F	AC-Geared (VVVF)	3,000(6,600)	60(200)	10/10	4	SC
F	AC-Geared (VVVF)	3,000(6,600)	60(200)	2/2	1	SC

Total : 45Units

- (NOTES) P : Passenger
 S : Service
 F : Freight
 VVVF : Variable Voltage Variable Frequency
 6GSO : 6-Car Group Supervisory Operation
 3GSO : 3-Car Group Supervisory Operation
 2GSO : 2-Car Group Supervisory Operation
 SC : 1-Car Selective Collective Operation

Escalators:

Type	Model	Speed mpm(fpm)	Rise mm(ft.,-in..)	Inclination	Units
VS	S1000	30(100)	6,000(19'-8")	35°	4
VS	S1000	30(100)	5,100(16'-9")	35°	2
VS	S1000	30(100)	3,000(9'-10")	35°	2

Total : 8 Units

- (NOTE) VS : Glass balustrade