

AVT Lifts Traction MRL Rail Supported Standard Passenger Elevators

Capacity:	2100 - 3500 LBS
Maximum Floor Travel:	85'-0"
Car Speed:	150, 200 350 fpm

Minimum Pit Depths:		Minimum Clear Overhead *:
150 & 200 fpm:	5'-0"	150 fpm: 14'-0"
350 fpm:	5'-6"	200 fpm: 14'-5"
		350 fpm: 15'-2"

Capacity (lbs.)	Opening Configuration FO - Front Only FR - Front Rear	*Hoistway Size (Width x Depth)	Platform Size (Width x Depth)	Clear Inside Car Dimensions (Width x Depth)	Standard Entrance Dimensions*	Entrance Door Type *
P2100	FO	7'-8" x 5'-10"	6'-0" x 5'-1"	5'-8" x 4'-4"	3'-0" x 7'0"	SSO
P2100	FR	7'-8" x 6' -8 1/2"	6'-0" x 5'-8"	5'-8" x 4'-4"	3'-0" x 7'0"	SSO
P2500	FO	8'-6" x 5'-10"	6'-10" x 5'-1"	6'-6" x 4'-4"	3'-6" x 7'0"	SSO / SCO
P2500	FR	8'-6" x 6' -8 1/2"	6'-10" x 5'-8"	6'-6" x 4'-4"	3'-6" x 7'0"	SSO / SCO
P3000	FO	8'-6" x 6'-2"	6'-10" x 5'-6"	6'-6" x 4'-9"	3'-6" x 7'0"	SSO / SCO
P3000	FR	8'-6" x 7' -1 1/2"	6'-10" x 6'-1"	6'-6" x 4'-9"	3'-6" x 7'0"	SSO / SCO
P3500	FO	8'-6" x 6'-11"	6'-10" x 6'-2"	6'-6" x 5'-5"	3'-6" x 7'0"	(1) SSO / SCO
P3500	FR	8'-6" x 7' -9 1/2"	6'-10" x 6'-9"	6'-6" x 5'-5"	3'-6" x 7'0"	(1) SSO / SCO

* Notes:

Hoistway Dimensions listed are for non-seismic zone; for seismic zone 2 and above, add 4" to hoistway width.

To improve installation efficiencies it is recommended to increase the hoistway widths 2" .

Door Types: SSO - Single Speed Side Opening; SCO - Single Speed Center Opening

2100 lb. capacity elevators are not available with Single-Speed-Center-Opening, (SCO), doors.

3500 lb. capacity elevators must have 3'-6" wide Single-Speed, Side-Opening, (SSO), to meet 84" stretcher IBC Code requirement.

Overhead dimensions are based on standard 7'9" overall cab height and 7'3" clear cab height
For clear overhead requirements in areas enforcing pre ASME A17.1- 2008 Safety Code for Elevators, contact AVT Lifts Sales Department for details
A safety/hoisting beam, which is to be provided and installed by others in the location designated on the AVT Lifts elevator shop drawings is required by OSHA 1926.502. Clear overhead is to be measured from the upper floor level finish floor height to the underside of the safety/hoisting beam.

NOTE: Custom sizes are available; contact AVT Lifts Sales Dept for information

Controller Closets for Guide Rail Supported MRL Traction Elevators

Minimum Sizes: Simplex: 4'-4" Wide x 1'-8" Deep with (1) 3'-0" Wide x 6'-8" High Door
 Duplex: 7'-0" Wide x 5'-6" Deep with (1) 3'-0" Wide x 6'-8" High Door
 Duplex elevators can use (2) separate controller closets

The optimal location for the controller closet is adjacent to the hoistway at the upper floor level.

Controller closet temperature range to be a 32 F minimum - 100 F maximum. The non-condensing relative humidity levels should range between 10 - 90%

Custom sizes are available, contact the AVT Lifts Sales Department for details