Schumacher ELEVATOR

MRL

Traction Passenger Elevator

Advantages

Eliminates traditional machine room

Reduces power consumption

Speeds faster than hydraulic systems

Accommodates front/rear openings

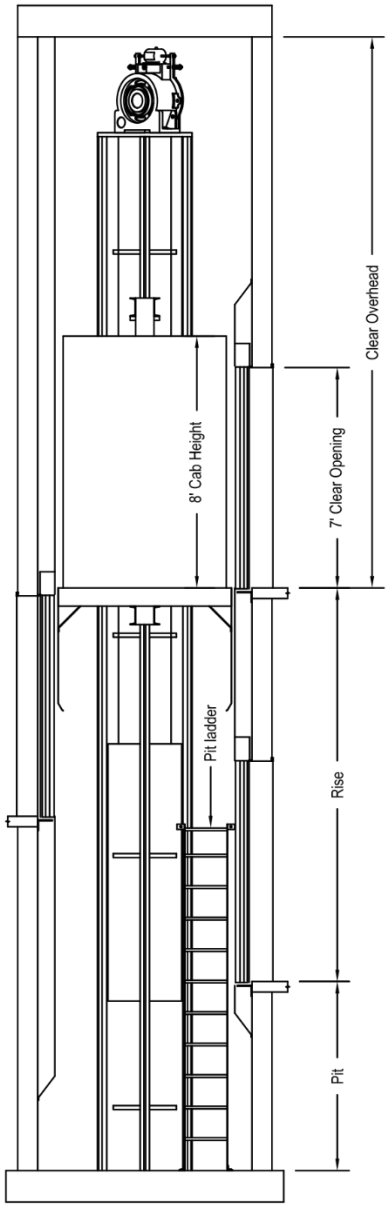
Non-proprietary equipment

Best suited for

Low-to-mid-rise buildings

MRL

Traction Passenger Elevator



	Rated Load	Cab Layout	Door Type	Door Width	Hoistway	Platform	Interior
Front Opening	2000	Standard	SS	3'0"	7'10" x 6'9"	6'0" x 5'0 ½"	5'8" x 4'3"
	2500	Standard	SS or CP	3'6"	8'10" x 6'9"	7'0" x 5'0 ½"	6'8" x 4'3"
	3000	Standard	SS or CP	3'6"	8'10" x 6'9"	7'0" x 5'6 ½"	6'8" x 4'9"
	3500	Standard	SS or CP	3'6"	8'10" x 6'11"	7'0" x 6'2 ½"	6'8" x 5'5"
	3500	Extended	TS	4'0"	7'10" x 8'5"	6'0" x 7'7"	5'8" x 6'8"
	4000	Standard	TS	4'0"	9'10" x 7'2"	8'0" x 6'4"	7'8" x 5'5"
	4000	Extended	TS	4'0"	7'10" x 9'2"	6'0" x 8'4"	5'8" x 7'5"
	4500	Extended	TS	4'0"	7'10" x 9'6 ½"	6'0" x 8'8 ½"	5'8" x 7'9 ½"
	5000	Extended	TS	4'0"	8'1" x 10'2"	6'0" x 9'4"	5'8" x 8'5"
Front & Rear Opening	2000	Standard	SS	3'0"	8'9" x 6'6 ½"	6'0" x 5'6"	5'8" x 4'3"
	2500	Standard	SS or CP	3'6"	9'9" x 6'6 ½"	7'0" x 5'6"	6'8" x 4'3"
	3000	Standard	SS or CP	3'6"	9'9" x 7'0 ½"	7'0" x 6'0"	6'8" x 4'9"
	3500	Standard	SS or CP	3'6"	9'9" x 7'8 ½"	7'0" x 6'8"	6'8" x 5'5"
	3500	Extended	TS	4'0"	7'10" x 9'5 ½"	6'0" x 8'2"	5'8" x 6'8"
	4000	Standard	TS	4'0"	9'10" x 8'2 ½"	8'0" x 6'11"	8'0" x 6'11"
	4000	Extended	TS	4'0"	7'10" x 10'2 ½"	6'0" x 8'11"	5'8" x 7'5"
	4500	Extended	TS	4'0"	7'10" x 10'7"	6'0" x 9'3 ½"	5'8" x 7'9 ½"
	5000	Extended	TS	4'0"	8'1" x 11'2 ½"	6'0" x 9'11"	5'8" x 8'5"

SS = Single Speed | TS = Two Speed | CP = Center Parting

Speed	Minimum Pit Depth	Minimum Overhead	Capacity	Cab Height
Up to 200 fpm	5'0"	17'0"	2000 – 2500 lb	8'0"
		15'6"	3000 – 5000 lb	8'0"
--350 fpm	5'6	17'6"	2000 – 2500 lb	8'0"
		15'6"	3000 – 5000 lb	8'0"
--400 fpm	5'9"	17'9"	2000 – 2500 lb	8'0"
		15'9"	3000 – 5000 lb	8'0"
--500 fpm	6'3"	18'6"	2000 – 2500 lb	8'0"
		16'0"	3000 – 5000 lb	8'0"

Seismic Zones – Add 3" to hoistway width. MRL technology continues to evolve with greater design freedom for architects, as well as valuable savings in construction and operational costs. The MRL Elevator utilizes a gearless traction type machine, which results in superior performance and ride quality when compared with hydraulic elevators. MRLs can also operate at faster speeds, increasing the perception of quality above a conventional hydraulic elevator. All Schumacher gearless traction passenger elevators meet or exceed all requirements set by the American Society of Mechanical Engineers (ASME A17.1). 2022 code applications (and beyond) may require increased hatch width to be determined during the engineering process. Custom designs available. Proudly manufactured in the USA.