



Schumacher
ELEVATOR

Holeless MRL

Hydraulic Passenger Elevator



Advantages

- No jack hole required
- Eliminates cost of drilling and risk of oil contamination
- Eliminates traditional machine room
- Reduces power consumption
- Accommodates front/rear openings
- Available for both low and high capacity
- Non-proprietary equipment



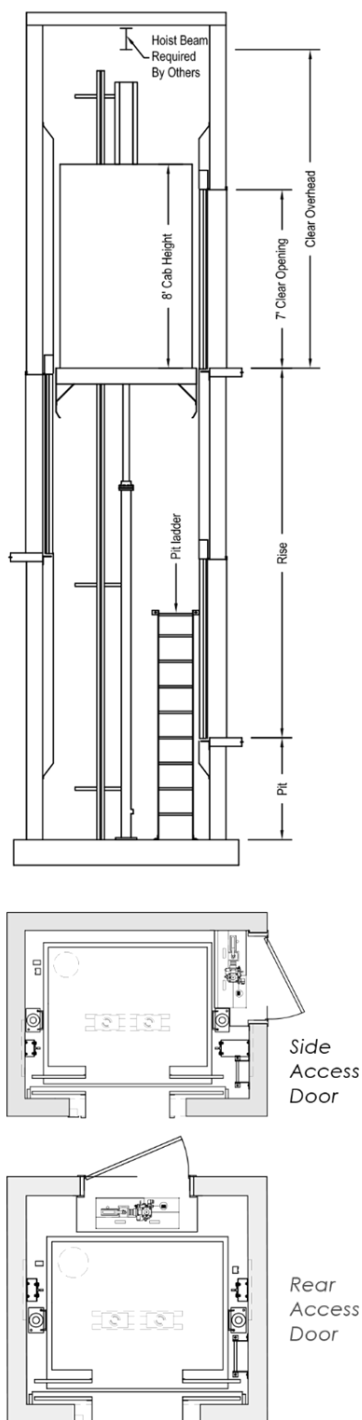
Best suited for

- Low-rise buildings with less than 13 feet of rise.
- Ideal when space for a machine room is not available.



Holeless MRL

Hydraulic Passenger Elevator



	Rated Load	Cab Layout	Door Type	Door Width	Hoistway	Platform	Interior
Front Opening + Rear Access	2000	Standard	SS	3'0"	7'4" x 6'8"	6'0" x 5'0 1/2"	5'8" x 4'3"
	2000	Standard	TS	4'0"	7'4" x 6'11"	6'0" x 5'2"	5'8" x 4'3"
	2500	Standard	SS or CP	3'6"	8'4" x 6'8"	7'0" x 5'0 1/2"	6'8" x 4'3"
	2500	Standard	TS	4'6"	8'4" x 6'11"	7'0" x 5'2"	6'8" x 4'3"
	3000	Standard	SS or CP	3'6"	8'4" x 7'2"	7'0" x 5'6 1/2"	6'8" x 4'9"
	3000	Standard	TS	4'6"	8'4" x 7'5"	7'0" x 5'8"	6'8" x 4'9"
	3500	Standard	SS or CP	3'6"	8'4" x 7'10"	7'0" x 6'2 1/2"	6'8" x 5'5"
	3500	Standard	TS	4'6"	8'4" x 8'1"	7'0" x 6'4"	6'8" x 5'5"
	3500	Extended	TS	4'0"	7'4" x 9'4"	6'0" x 7'7"	5'8" x 6'8"
	4000	Standard	SS or CP	4'0"	9'6" x 7'10"	8'0" x 6'2 1/2"	7'8" x 5'5"
	4000	Standard	TS	5'0"	9'6" x 8'1"	8'0" x 6'4"	7'8" x 5'5"
	4000	Extended	TS	4'0"	7'7" x 10'1"	6'0" x 8'4"	5'8" x 7'5"
	4500	Extended	TS	4'0"	7'7" x 10'5 1/2"	6'0" x 8'8 1/2"	5'8" x 7'9 1/2"
	5000	Extended	TS	4'0"	7'8" x 11'1"	6'0" x 9'4"	5'8" x 8'5"
Front Opening + Side Access	2000	Standard	SS	3'0"	7'9" x 5'9"	6'0" x 5'0 1/2"	5'8" x 4'3"
	2000	Standard	TS	4'0"	7'9" x 6'0"	6'0" x 5'2"	5'8" x 4'3"
	2500	Standard	SS or CP	3'6"	8'9" x 5'9"	7'0" x 5'0 1/2"	5'8" x 4'3"
	2500	Standard	TS	4'6"	8'9" x 6'0"	7'0" x 5'2"	6'8" x 4'3"
	3000	Standard	SS or CP	3'6"	8'9" x 6'3"	7'0" x 5'6 1/2"	6'8" x 4'9"
	3000	Standard	TS	4'6"	8'9" x 6'6"	7'0" x 5'8"	6'8" x 4'9"
	3500	Standard	SS or CP	3'6"	8'9" x 7'0"	7'0" x 6'2 1/2"	6'8" x 5'5"
	3500	Standard	TS	4'6"	8'9" x 7'3"	7'0" x 6'4"	6'8" x 5'5"
	3500	Extended	TS	4'0"	7'9" x 8'5"	6'0" x 7'7"	5'8" x 6'8"
	4000	Standard	SS or CP	4'0"	9'10" x 6'11"	8'0" x 6'2 1/2"	7'8" x 5'5"
	4000	Standard	TS	5'0"	9'10" x 7'2"	8'0" x 6'4"	7'8" x 5'5"
	4000	Extended	TS	4'0"	7'11" x 9'2"	6'0" x 8'4"	5'8" x 7'5"
	4500	Extended	TS	4'0"	7'11" x 9'6 1/2"	6'0" x 8'8 1/2"	5'8" x 7'9 1/2"
	5000	Extended	TS	4'0"	7'11" x 10'2"	6'0" x 9'4"	5'8" x 8'5"
Front & Rear Opening	3000	Standard	CP	3'6"	8'10" x 7'0 1/2"	7'0" x 6'0"	6'8" x 5'5"
	3000	Standard	TS	4'6"	8'10" x 7'6 1/2"	7'0" x 6'3"	6'8" x 5'5"
	3500	Standard	SS or CP	3'6"	8'10" x 7'8 1/2"	7'0" x 6'8"	6'8" x 5'5"
	3500	Standard	TS	4'6"	8'10" x 8'2 1/2"	7'0" x 6'11"	6'8" x 5'5"
	3500	Extended	TS	4'0"	7'10" x 9'5 1/2"	6'0" x 8'2"	5'8" x 6'8"
	4000	Standard	SS or CP	4'0"	10'0" x 7'8 1/2"	8'0" x 6'8"	7'8" x 5'5"
	4000	Standard	TS	5'0"	10'0" x 8'2 1/2"	8'0" x 6'11"	7'8" x 5'5"
	4000	Extended	TS	4'0"	8'0" x 10'2 1/2"	6'0" x 8'11"	5'8" x 7'5"
	4500	Extended	TS	4'0"	8'0" x 10'7"	6'0" x 9'3 1/2"	5'8" x 7'9 1/2"
	5000	Extended	TS	4'0"	8'0" x 11'2 1/2"	6'0" x 9'11"	5'8" x 8'5"
SS = Single Speed			TS = Two Speed			CP = Center Parting	
Min. Pit Depth			Min. Overhead			Cab Height	
4'0"			12'6"			8'0"	

The standard speed is 100 fpm, but speeds are available up to 150 fpm. The dimensions above reflect a two-cylinder single-stage holeless hydraulic application. If travel extends beyond 12'2", Schumacher utilizes a telescoping jack, which requires an additional 1" in hoistway width. 2022 code applications (and beyond) require increased hatch width to be determined during the engineering process. All Schumacher Elevator Company Machine Room-Less (MRL) Elevators meet or exceed all requirements set by the American Society of Mechanical Engineers (ASME A17.1). Given dimensions are for planning purposes only and are not intended for construction use. Actual dimensions will be verified during the engineering process. Custom designs available. Proudly manufactured in the USA.