

In-Ground

Hydraulic Passenger Elevator



Advantages

Shortest design time and lead time
Simplest elevator package to install
Minimal pit and overhead requirements
Available for both low and high capacity
Non-proprietary equipment



Best suited for

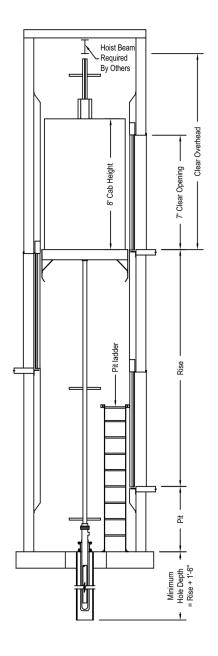
Low-to-medium-rise buildings with less than 60 feet of rise.

This application is ideal for new construction where soil conditions allow for a well hole.



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Hydraulic Passenger Elevator



	Rated Load	Cab Layout	Door Type	Door Width	Hoistway	Platform	Interior
Front Opening	2000	Standard	SS	3'0"	7'4" × 5'9"	6'0" × 5'0 ½"	5'8" × 4'3"
	2000	Standard	TS	4'0"	7'4" × 6'0"	6'0" × 5'2"	5'8" × 4'3"
	2500	Standard	SS or CP	3'6"	8'4" × 5'9"	7'0" × 5'0 ½"	6'8" x 4'3"
	2500	Standard	TS	4'6"	8'4" × 6'0"	7'0" × 5'2"	6'8" × 4'3"
	3000	Standard	SS or CP	3'6"	8'4" × 6'3"	7'0" x 5'6 ½"	6'8" x 4'9"
	3000	Standard	TS	4'6"	8'4" × 6'6"	7'0" × 5'8"	6'8" x 4'9"
	3500	Standard	SS or CP	3'6"	8'4" x 6'11"	7'0" x 6'2 ½"	6'8" x 5'5"
	3500	Standard	TS	4'6"	8'4" × 7'2"	7'0" × 6'4"	6'8" x 5'5"
	3500	Extended	TS	4′0″	7′4″ × 8′5″	6′0″ × 7′7″	5′8″ × 6′8″
	4000	Standard	SS or OP	4'0"	7'4" × 9'5 ½"	8'0" x 6'2 ½"	5'8" × 6'8"
	4000	Standard	TS	4'0"	9'4" × 6'11"	8'0" × 6'4"	7'8" x 5'5"
	4000	Extended	TS	5'0"	9'4" x 8'2 ½"	6'0" × 8'4"	7'8" × 5'5"
	4500	Extended	TS	4'0"	7'4" × 10'2 ½"	6'0" x 8'8 ½"	5'8" × 7'5"
	5000	Extended	TS	4'0"	7'4" × 10'7"	6'0" x 9'4"	5'8" x 7'9 ½"
	5000 2000	Extended Standard	TS SS	4'0" 3'0"	7'4" × 10'7" 7'4" × 6'6 ½"	6'0" × 9'4" 6'0" × 5'6"	5'8" × 7'9 ½" 5'8" × 4'3"
	2000	Standard	SS	3'0"	7'4" x 6'6 ½"	6'0" × 5'6"	5'8" x 4'3"
	2000	Standard Standard	SS TS	3'0" 4'0"	7'4" x 6'6 ½" 7'4" x 7'0 ½"	6'0" × 5'6" 6'0" × 5'9"	5'8" × 4'3" 5'8" × 4'3"
би	2000 2000 2500	Standard Standard Standard	SS TS SS or CP	3'0" 4'0" 3'6"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3"
pening	2000 2000 2500 2500	Standard Standard Standard Standard	SS TS SS or OP	3'0" 4'0" 3'6" 4'6"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 5'9"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3"
ır Opening	2000 2000 2500 2500 3000	Standard Standard Standard Standard Standard	SS TS SS or CP TS SS or CP	3'0" 4'0" 3'6" 4'6" 3'6"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½" 8'4" × 7'0 ½"	6'0" x 5'6" 6'0" x 5'9" 7'0" x 5'6" 7'0" x 5'9" 7'0" x 6'0"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9"
k Rear Opening	2000 2000 2500 2500 3000 3000	Standard Standard Standard Standard Standard Standard	SS TS SS or CP TS SS or CP TS	3'0" 4'0" 3'6" 4'6" 3'6"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½" 8'4" × 7'0 ½" 8'4" × 7'6 ½"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 5'9" 7'0" × 6'0" 7'0" × 6'3"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9" 6'8" × 4'9"
ంత	2000 2000 2500 2500 3000 3000 3500	Standard Standard Standard Standard Standard Standard Standard Standard	SS TS TS SS or CP TS SS or CP TS SS or CP	3'0" 4'0" 3'6" 4'6" 3'6" 4'6"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½" 8'4" × 7'0 ½" 8'4" × 7'6 ½" 8'4 × 7'8 ½"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 6'0" 7'0" × 6'3" 7'0" × 6'8"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9" 6'8" × 4'9" 6'8" × 5'5"
Front & Rear Opening	2000 2000 2500 2500 3000 3000 3500	Standard Standard Standard Standard Standard Standard Standard Standard Standard	SS or OP TS SS or OP TS SS or OP TS SS or OP TS	3'0" 4'0" 3'6" 4'6" 3'6" 4'6" 4'6"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½" 8'4" × 7'0 ½" 8'4" × 7'6 ½" 8'4 × 7'8 ½" 8'4" × 8'2 ½"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 5'9" 7'0" × 6'0" 7'0" × 6'3" 7'0" × 6'8" 7'0" × 6'11"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9" 6'8" × 4'9" 6'8" × 5'5" 6'8" × 5'5"
ంర	2000 2000 2500 2500 3000 3500 3500 3500	Standard	SS TS SS OF CP TS SS OF CP TS SS OF CP TS TS TS	3'0" 4'0" 3'6" 4'6" 3'6" 4'6" 4'6" 4'0"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½" 8'4" × 7'0 ½" 8'4" × 7'6 ½" 8'4 × 7'8 ½" 8'4" × 8'2 ½" 7'4" × 9'5 ½"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 6'0" 7'0" × 6'3" 7'0" × 6'8" 7'0" × 6'11" 6'0" × 8'2"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9" 6'8" × 4'9" 6'8" × 5'5" 5'8" × 5'5"
ంత	2000 2000 2500 2500 3000 3500 3500 3500	Standard	SS or CP TS SS or CP	3'0" 4'0" 3'6" 4'6" 3'6" 4'6" 4'6" 4'6" 4'6" 5'0"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½" 8'4" × 7'6 ½" 8'4" × 7'6 ½" 8'4 × 7'8 ½" 7'4" × 8'2 ½" 9'4" × 7'2"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 5'9" 7'0" × 6'0" 7'0" × 6'3" 7'0" × 6'8" 7'0" × 6'11" 6'0" × 8'2" 8'0" × 6'8"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9" 6'8" × 4'9" 6'8" × 5'5" 6'8" × 5'5" 5'8" × 6'8" 7'8" × 5'5"
ంత	2000 2000 2500 2500 3000 3500 3500 3500	Standard Extended Standard Standard	SS TS SS OF CP TS SS OF CP TS SS OF CP TS SS OF CP TS TS TS	3'0" 4'0" 3'6" 4'6" 3'6" 4'6" 4'6" 4'0" 5'0" 4'0"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 7'0 ½" 8'4" × 7'0 ½" 8'4" × 7'6 ½" 8'4 × 7'8 ½" 8'4 × 8'2 ½" 7'4" × 9'5 ½" 9'4" × 7'8 ½"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 6'0" 7'0" × 6'3" 7'0" × 6'3" 7'0" × 6'11" 6'0" × 8'2" 8'0" × 6'8"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9" 6'8" × 4'9" 6'8" × 5'5" 5'8" × 5'5" 7'8" × 5'5" 7'8" × 5'5"
ంత	2000 2000 2500 2500 3000 3500 3500 3500	Standard Extended Standard Standard	SS TS SS OF CP TS SS OF CP TS SS OF CP TS TS TS TS TS	3'0" 4'0" 3'6" 4'6" 3'6" 4'6" 4'6" 4'0" 5'0" 4'0"	7'4" × 6'6 ½" 7'4" × 7'0 ½" 8'4" × 6'6 ½" 8'4" × 7'0 ½" 8'4" × 7'6 ½" 8'4" × 7'6 ½" 8'4 × 7'8 ½" 7'4" × 9'5 ½" 9'4" × 7'2" 9'4" × 7'8 ½" 7'4" × 9'2"	6'0" × 5'6" 6'0" × 5'9" 7'0" × 5'6" 7'0" × 5'9" 7'0" × 6'0" 7'0" × 6'3" 7'0" × 6'8" 7'0" × 6'11" 6'0" × 6'8" 8'0" × 6'81" 6'0" × 8'11"	5'8" × 4'3" 5'8" × 4'3" 6'8" × 4'3" 6'8" × 4'3" 6'8" × 4'9" 6'8" × 5'5" 6'8" × 5'5" 5'8" × 6'8" 7'8" × 5'5" 5'8" × 5'5" 5'8" × 5'5"

Min. Pit Depth	Min. Ov	erhead	Cab Height	Min. Machine Room
4'0"	12'0" (UP TO 150 FPM)	12'6" (UP TO 200 FPM)	8′0″	5′6″ × 7′0″

All Schumacher in-ground hydraulic elevators offer a PVC jack liner that provides protection from galvanic or electrolytic corrosion and prevents oil from leaking into the soil. All Schumacher Elevator Company In-Ground Hydraulic 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. 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.