

# Geared

## Traction Passenger Elevator



### Advantages

- Speeds faster than hydraulic systems
- Smoother ride quality than hydraulic systems
- Overhead or basement machine rooms
- Accommodates front/rear openings
- Non-proprietary equipment



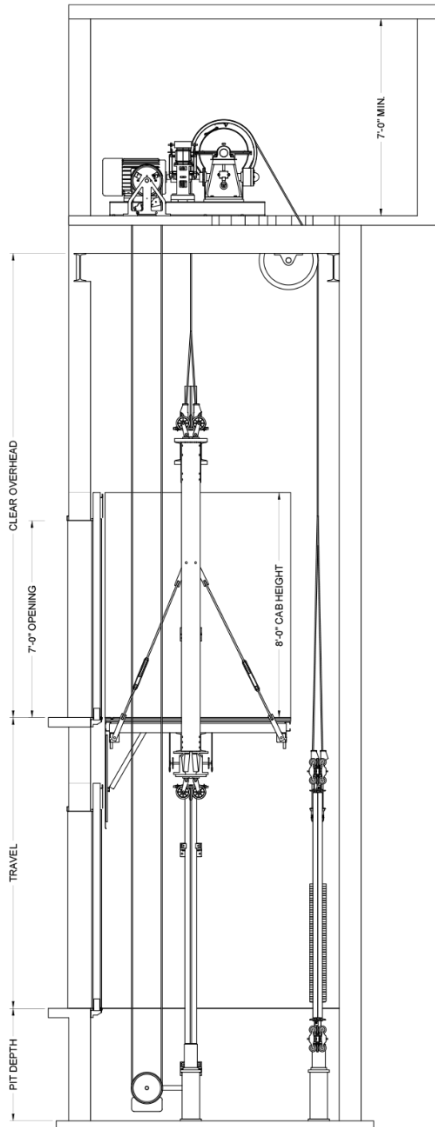
### Best suited for

- Low-to-mid-rise buildings
- Speeds 200 fpm – 500 fpm
- Large capacity freight elevators



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## Traction Passenger Elevator



	Rated Load	Cab Layout	Door Type	Door Width	Hoistway	Platform	Interior
Front Opening	2000	Standard	SS	3'0"	7'4" x 6'6"	6'0" x 5'0 1/2"	5'8" x 4'3"
	2500	Standard	SS or CP	3'6"	8'4" x 6'6"	7'0" x 5'0 1/2"	6'8" x 4'3"
	3000	Standard	SS or CP	3'6"	8'4" x 7'0"	7'0" x 5'6 1/2"	6'8" x 4'9"
	3500	Standard	SS or CP	3'6"	8'4" x 7'8"	7'0" x 6'2 1/2"	6'8" x 5'5"
	3500	Extended	TS	4'0"	7'4" x 9'2"	6'0" x 7'7"	5'8" x 6'8"
	4000	Standard	TS	4'0"	9'4" x 7'11"	8'0" x 6'4"	7'8" x 5'5"
	4000	Extended	TS	4'0"	7'4" x 9'11"	6'0" x 8'4"	5'8" x 7'5"
	4500	Extended	TS	4'0"	7'4" x 10'3 1/2"	6'0" x 8'8 1/2"	5'8" x 7'9 1/2"
	5000	Extended	TS	4'0"	7'4" x 10'11"	6'0" x 9'4"	5'8" x 8'5"
Front & Rear Opening	2000	Standard	SS	3'0"	8'3" x 6'6 1/2"	6'0" x 5'6"	5'8" x 4'3"
	2500	Standard	SS or CP	3'6"	9'3" x 6'6 1/2"	7'0" x 5'6"	6'8" x 4'3"
	3000	Standard	SS or CP	3'6"	9'3" x 7'0 1/2"	7'0" x 6'0"	6'8" x 4'9"
	3500	Standard	SS or CP	3'6"	9'3" x 7'8 1/2"	7'0" x 6'8"	6'8" x 5'5"
	3500	Extended	TS	4'0"	8'3" x 9'5 1/2"	6'0" x 8'2"	5'8" x 6'8"
	4000	Standard	TS	4'0"	10'3" x 8'2 1/2"	8'0" x 6'11"	7'8" x 5'5"
	4000	Extended	TS	4'0"	8'3" x 10'2 1/2"	6'0" x 8'11"	5'8" x 7'5"
	4500	Extended	TS	4'0"	8'3" x 10'7"	6'0" x 8'11"	5'8" x 7'9 1/2"
	5000	Extended	TS	4'0"	8'3" x 11'2 1/2"	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"	15'6"	2000 – 4000 lb	8'0"
	5'2"	15'6"	4500 – 5000 lb	8'0"
--350 fpm	5'6"	16'0"	2000 – 5000 lb	8'0"
--400 fpm	5'9"	16'4"		8'0"
--500 fpm	6'4"	16'10"		8'0"

One-end open elevators in seismic zones two or greater require an additional 2" hoistway depth. Two-end open elevators in seismic zones two or greater require an additional 3" hoistway width. Schumacher geared traction elevators are built tough and dependable to stand up against heavy everyday use for years. We specialize in geared traction elevators with nonstandard sizes, capacities, finishes, and NEMA ratings. All of our geared traction elevators are custom designed and manufactured to handle every commercial, institutional, and industrial application. All Schumacher geared traction 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.