



**Schumacher**  
ELEVATOR

# Traction Freight Elevator System



## Advantages

Greater speeds than hydraulic systems

More power efficient than hydraulic systems

Nearly unlimited floor travel possible

Easy loading with manual or power vertical bi-porting doors

Non-proprietary equipment

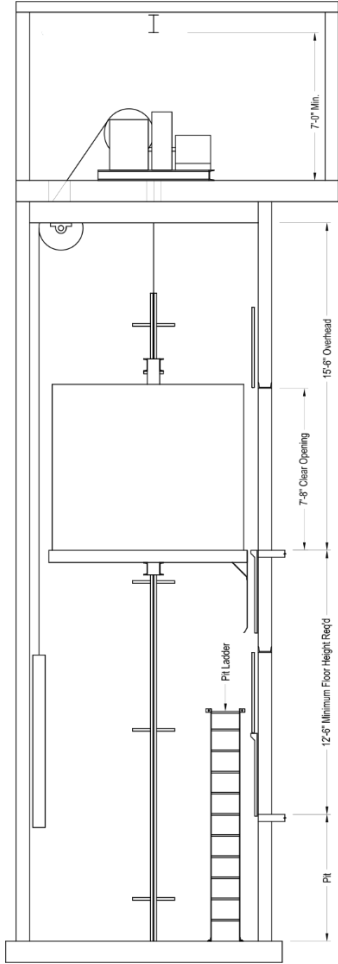


## Best suited for

Applications requiring high capacities up to 20,000 lb. and/or buildings with more than 60 feet of rise.



# Traction Freight Elevator System



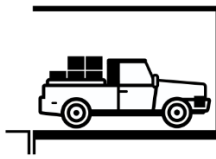
	Rated Load	Hoistway Width	Hoistway Depth		Pit Depth	Inside Width	Inside Depth		Door (W x H)	
			Reg Door	Pass Door			1-Section Gate	2-Section Gate		
Front Opening	Class C	5000	10'0"	10'9"	11'1"	5'2"	7'6"	9'6"	9'3 1/2"	9'6" x 7'8"
		6000	12'0"	10'9"	11'1"	5'2"	9'6"	9'6"	9'3 1/2"	9'6" x 7'8"
		8000	12'2"	12'8"	13'0"	5'2"	9'6"	11'5"	11'2 1/2"	9'6" x 7'8"
	Class B	10000	12'4"	14'8"	15'0"	6'0"	9'6"	13'5"	13'2 1/2"	9'6" x 7'8"
		15000	14'6"	16'8"	17'0"	6'0"	11'5"	15'5"	15'2 1/2"	11'5" x 7'8"
		6000	12'0"	21'0"	21'2"	5'2"	9'6"	20'0"	19'9 1/2"	9'6" x 7'8"
Front & Rear Opening	Class C	8000	12'0"	21'0"	21'2"	5'2"	9'6"	20'0"	19'9 1/2"	9'6" x 7'8"
		10000	12'4"	22'8"	23'0"	5'2"	9'6"	21'5"	21'2 1/2"	9'6" x 7'8"
		5000	10'0"	10'6"	10'8"	5'2"	7'6"	9'6"	9'0"	7'6" x 7'8"
	Class B	6000	12'0"	10'6"	10'8"	5'2"	9'6"	9'6"	9'0"	9'6" x 7'8"
		8000	12'2"	12'5"	12'7"	5'2"	9'6"	11'4"	10'11"	9'6" x 7'8"
		10000	14'4"	14'5"	14'7"	6'0"	9'6"	13'4"	12'11"	9'6" x 7'8"
Class C	15000	14'6"	16'5"	16'7"	6'0"	11'5"	15'4"	14'11"	11'5" x 7'8"	
	6000	12'0"	21'0"	21'2"	5'2"	9'6"	19'11"	19'6"	9'6" x 7'8"	
	8000	12'0"	21'0"	21'2"	5'2"	9'6"	19'11"	19'6"	9'6" x 7'8"	
10000	12'4"	22'5"	22'7"	5'2"	9'6"	21'4"	20'11"	9'6" x 7'8"		

Add 3" to hoistway width for seismic applications. Overhead dimensions are based on a 6' high gate and 8' cab. Different cab heights or full-height passenger gates will affect this requirement. Overhead and pit dimensions are based on a maximum speed of 200 fpm. Increasing the speed will increase these requirements. Overhead traction layouts are shown. Other layouts such as the 2:1 roping or basement mounted machines may better serve your needs. Schumacher freight elevators are built tough and dependable to stand up against heavy everyday use for years.

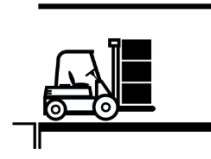
We specialize in freight elevators with nonstandard sizes, capacities, finishes, and NEMA ratings. All of our freight elevators are custom designed and manufactured to handle every factory, warehouse, and industrial application. All Schumacher traction freight elevators meet or exceed all requirements 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. Proudly manufactured in the USA.



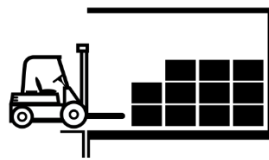
**A: General Freight Loading**  
Load is distributed, load handled on and off car platform manually or by hand trucks; weight of any single piece of freight or any hand truck and its load cannot exceed 25% of the rated load.



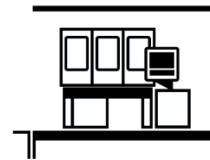
**B: Motor Vehicle Loading**  
Used solely to carry automobile trucks or passenger automobiles up to the rated capacity of the elevator.



**C1: Industrial Truck Loading**  
Truck carried by the elevator; load and truck cannot exceed capacity.



**C2: Industrial Truck Loading**  
Truck used for loading and unloading but not usually carried by the elevator; load and truck cannot exceed 150% capacity.



**C3: Other Loading with Heavy Concentrations**  
Truck not usually used. Design based on material handled.