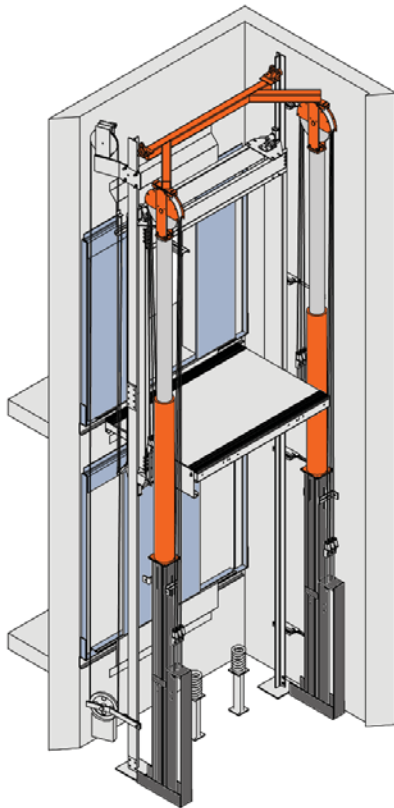
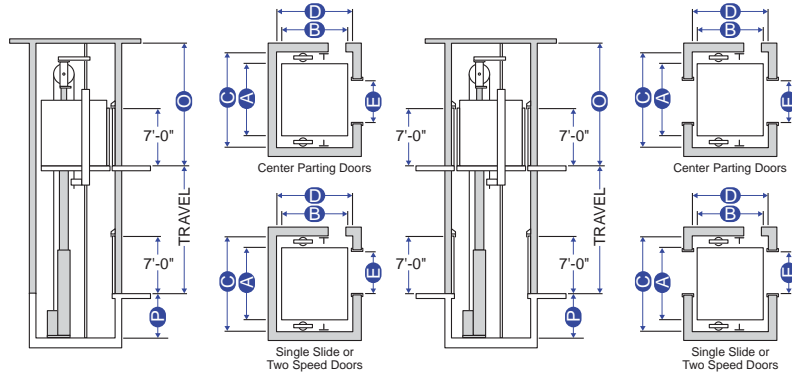


Call MEI for Sizes or Capacities Outside Listed Ranges **507.245.3060**



Single Opening (F)

Double Opening (F/R)



**A** = Platform Width      **C** = Hoistway Width      **E** = Clear Door Opening      **P** = Pit Depth  
**B** = Platform Depth      **D** = Hoistway Depth      **O** = Overhead

## Application Summary

This design utilizes wire ropes in conjunction with two hydraulic jacks to lift the car at a 1:2 ratio. For every foot that the jacks rise, the car rises two feet. The use of two jacks, one on each side of the car, provides maximum structural stability.

## Advantages

- No jack holes are required even though the travel can be as great as 100 feet. Without any jacks in the ground, the risk of oil contamination is eliminated.
- Accommodates front and rear openings in any configuration.
- Available for both low and high capacity cars.
- No extensive pit or overhead is required.
- Large platform designs and high capacity projects can be accommodated.

## Disadvantages

- Requires a wider hoistway for the jacks and roped equipment.
- The installation time is greater than that of an In-Ground application.

**!** Do not use hoistway dimensions for construction purposes. Different code year adoptions and local code variations may affect the hoistway size. Verify all dimensions with MEI prior to construction.

	Capacity (lbs)	Platform <b>A</b> x <b>B</b>	Hoistway <b>C</b> x <b>D</b>	Front/ Rear	Laminate Clear Inside W x D	Door Type	Door Width <b>E</b>
Low Capacity	2100	6'-0" x 5'-1"	8'-0" x 5'-9"	F	5'-9" x 4'-3 1/2"	1-SP	3'-0"
	2100	6'-0" x 5'-8"	8'-0" x 6'-8 1/2"	F/R	5'-9" x 4'-3 1/2"	1-SP	3'-0"
	2500	7'-0" x 5'-1"	9'-0" x 5'-9"	F	6'-9" x 4'-3 1/2"	1-SP	3'-6"
	2500	7'-0" x 5'-8"	9'-0" x 6'-8 1/2"	F/R	6'-9" x 4'-3 1/2"	1-SP	3'-6"
	3000	7'-0" x 5'-6"	9'-0" x 6'-2"	F	6'-9" x 4'-8 1/2"	1-SP	3'-6"
	3000	7'-0" x 6'-1"	9'-0" x 7'-1 1/2"	F/R	6'-9" x 4'-8 1/2"	1-SP	3'-6"
	3500	7'-0" x 6'-2"	9'-0" x 6'-10"	F	6'-9" x 5'-4 1/2"	1-SP	3'-6"
	3500	7'-0" x 6'-9"	9'-0" x 7'-9 1/2"	F/R	6'-9" x 5'-4 1/2"	1-SP	3'-6"
Hospital	4000	8'-0" x 6'-2"	10'-0" x 7'-0"	F	7'-9" x 5'-3"	2-SP	4'-0"
	4000	8'-0" x 6'-8"	10'-0" x 7'-11 1/2"	F/R	7'-9" x 5'-0 1/2"	2-SP	4'-0"
	3500H	5'-4" x 8'-4"	7'-4" x 9'-2"	F	5'-1" x 7'-5"	2-SP	3'-6"
	3500H	5'-4" x 9'-0 1/2"	7'-4" x 10'-4"	F/R	5'-1" x 7'-5"	2-SP	3'-6"
	4000H	6'-0" x 8'-5"	8'-0" x 9'-3"	F	5'-9" x 7'-6"	2-SP	4'-0"
	4000H	6'-0" x 9'-1 1/2"	8'-0" x 10'-5"	F/R	5'-9" x 7'-6"	2-SP	4'-0"
	4500H	6'-0" x 9'-2"	8'-2" x 10'-0"	F	5'-9" x 8'-3"	2-SP	4'-0"
	4500H	6'-0" x 9'-10 1/2"	8'-2" x 11'-2"	F/R	5'-9" x 8'-3"	2-SP	4'-0"
High Capacity	5000H	6'-0" x 9'-7 1/2"	8'-2" x 10'-5 1/2"	F	5'-9" x 8'-8"	2-SP	4'-0"
	5000H	6'-0" x 10'-3 1/2"	8'-2" x 11'-7"	F/R	5'-9" x 8'-8"	2-SP	4'-0"
	6000	7'-0" x 8'-6"	9'-2" x 9'-4"	F	6'-9" x 7'-7"	2-SP	4'-0"
	6000	7'-0" x 9'-2 1/2"	9'-2" x 10'-6"	F/R	6'-9" x 7'-7"	2-SP	4'-0"
	8000	8'-4" x 10'-0"	10'-10" x 10'-10"	F	8'-1" x 9'-1"	2-SP	4'-0"
	8000	8'-4" x 10'-8 1/2"	10'-10" x 12'-0"	F/R	8'-1" x 9'-1"	2-SP	4'-0"
	10000	8'-4" x 11'-8 1/2"	11'-0" x 12'-6 1/2"	F	8'-1" x 10'-9 1/2"	2-SP	4'-0"
	10000	8'-4" x 12'-5"	11'-0" x 13'-8 1/2"	F/R	8'-1" x 10'-9 1/2"	2-SP	4'-0"
	12000	10'-4" x 11'-6"	13'-8" x 12'-4"	F	10'-1" x 10'-7"	2-SP	4'-0"
	12000	10'-4" x 12'-2 1/2"	13'-8" x 13'-6"	F/R	10'-1" x 10'-7"	2-SP	4'-0"
15000	12'-0" x 11'-5"	15'-8" x 12'-3"	F	11'-9" x 10'-6"	2-SP	4'-0"	
15000	12'-0" x 12'-1 1/2"	15'-8" x 13'-5"	F/R	11'-9" x 10'-6"	2-SP	4'-0"	

**P** Pit Depth = 4'-0" • **O** Minimum Overhead = 12'-0" • Cab Height = 8'-0"