



# Schindler 5500 Machine Room-Less (MRL)

## Seismic Layout Data



**Schindler**

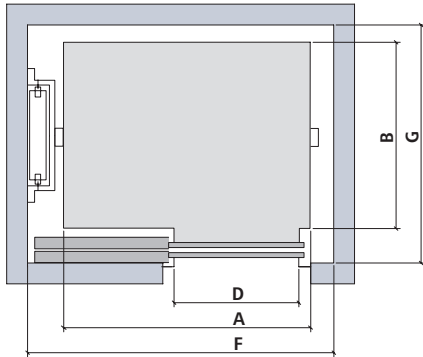
[us.schindler.com](http://us.schindler.com)

# Schindler 5500 Machine Room-Less (MRL) Seismic General Purpose and Hospital/Service

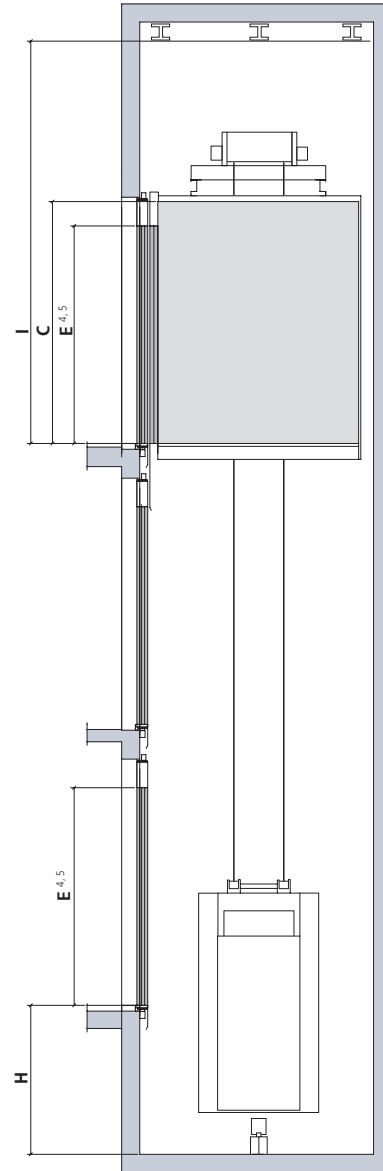
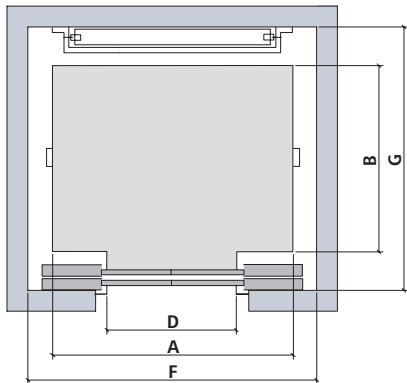
**Capacity** 2,100 – 5,000 lbs  
**Travel height** Up to 350' and 33 stops, 20 openings  
**Speed** 200 – 500 fpm  
**Cab height** 8', 9', 10' (8' shown)  
**Door height** 7', 8', 9' (7' shown)

**Vertical section\***  
 Counterweight on side (shown) or rear  
 Single entrance (shown) or double entrance

**Plan view: counterweight on side**  
 Single entrance (shown) or double entrance  
 Different door types possible (2SSO shown)



**Plan view: counterweight on rear**  
 Single entrance (shown)  
 Different door types possible (SSCO shown)



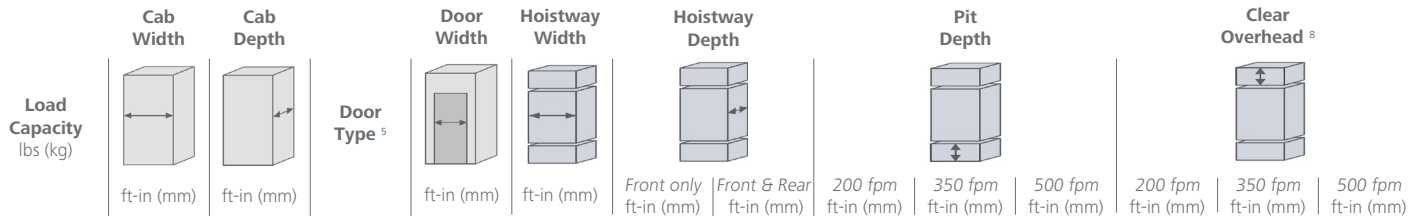
\*Increasing overhead may reduce number of beams.

**Abbreviations:**

- |                     |                         |                         |  |
|---------------------|-------------------------|-------------------------|--|
| <b>A</b> Cab width  | <b>D</b> Door width     | <b>G</b> Hoistway depth | <b>SSCO</b> Single speed center opening door |
| <b>B</b> Cab depth  | <b>E</b> Door height    | <b>H</b> Pit depth      | <b>2SSO</b> Two speed side opening door      |
| <b>C</b> Car height | <b>F</b> Hoistway width | <b>I</b> Clear overhead |  |

## Need a Different Car or Hoistway Size?

The 5500 can be flexed to meet the requirements of your building. Contact your Schindler Representative for assistance.



### General Purpose Side Counterweight

2100 (950)	5'-8 1/2"	4'-3 1/2"	2SSO	3'	8'-1"	5'-7"	NA	5'-1"	5'-5"	5'-5"	13'-2"	13'-9"	13'-11"
	(1740)	(1308)		(914)	(2464)	(1702)	(1988)	(1549)	(1651)	(1651)	(4013)	(4181)	(4242)
2500 (1135)	6'-2 7/8"	4'-5 1/4"	2SSO	3'-6"	8'-8 5/8"	5'-9"	6'-6 1/4"	5'-1"	5'-5"	5'-5"	13'-2"	13'-9"	13'-11"
	(1902)	(1353)		(1067)	(2657)	(1753)	(1835)	(1549)	(1651)	(1651)	(4013)	(4181)	(4242)
3000 (1360)	6'-8 3/4"	4'-5 1/4"	SSCO	3'-6"	9'-2 3/8"	5'-6"	6'-0 1/4"	5'-1"	5'-5"	5'-5"	13'-2"	13'-9"	13'-11"
	(2051)	(1353)		(1067)	(2804)	(1676)	(1835)	(1549)	(1651)	(1651)	(4013)	(4181)	(4242)
3500 (1590)	6'-2 7/8"	5'-3"	2SSO	3'-6"	8'-8 5/8"	6'-6 1/2"	7'-4"	5'-1"	5'-5"	5'-5"	13'-2"	13'-9"	13'-11"
	(1902)	(1600)		(1067)	(2657)	(1994)	(2235)	(1549)	(1651)	(1651)	(4013)	(4181)	(4242)
4000 (1815)	6'-2 7/8"	5'-3"	SSCO	3'-6"	8'-9 1/8"	6'-3 1/2"	6'-10 1/8"	5'-1"	5'-5"	5'-5"	13'-2"	13'-9"	13'-11"
	(1902)	(1600)		(1067)	(2670)	(1918)	(2086)	(1549)	(1651)	(1651)	(4013)	(4181)	(4242)
5000 (2270)	6'-2 7/8"	5'-9"	2SSO	3'-6"	8'-8 5/8"	7'-0 1/2"	7'-10"	5'-1"	5'-11"	5'-11"	13'-2"	13'-9"	13'-11"
	(1902)	(1753)		(1067)	(2657)	(2146)	(2388)	(1549)	(1803)	(1803)	(4013)	(4181)	(4242)
5500 AIA (2270)	6'-2 7/8"	5'-9"	SSCO	3'-6"	8'-9 1/8"	6'-9 1/2"	7'-4"	5'-1"	5'-11"	5'-11"	13'-2"	13'-9"	13'-11"
	(1902)	(1753)		(1067)	(2670)	(2070)	(2235)	(1549)	(1803)	(1803)	(4013)	(4181)	(4242)
4000 (1815)	6'-8 3/4"	5'-10 7/8"	SSCO	3'-6"	9'-2 3/4"	7'-0"	7'-6"	5'-1"	5'-11"	5'-11"	13'-2"	13'-9"	13'-11"
	(2050)	(1800)		(1067)	(2813)	(2134)	(2286)	(1549)	(1803)	(1803)	(4013)	(4181)	(4242)
4000 (1815)	7'-0 5/8"	5'-9"	SSCO	4'	9'-8"	6'-9 1/2"	7'-4"	5'-5"	6'	6'	13'-2"	14'-0"	14'-0"
	(2150)	(1753)		(1219)	(2946)	(2070)	(2235)	(1651)	(1829)	(1829)	(4013)	(4267)	(4267)

### Hospital Service Side Counterweight

4000 (1815)	6'-0 1/2"	7'-2 5/8"	2SSO	4'	8'-7"	8'-6"	9'-3 5/8"	5'-5"	6'-1"	6'-1"	13'-3"	13'-11"	15'-5"
(1842)	(2200)	(2616)	(1219)	(2591)	(2835)	(1651)	(1854)	(1854)	(4039)	(4242)	(4699)	(4699)	
4500 (2040)	6'-0 1/2"	7'-8 5/8"	2SSO	4'	8'-7"	9'	9'-9 5/8"	6'-3"	6'-6"	6'-6"	13'-3"	14'-4"	15'-5"
(1842)	(2353)	(2616)	(1219)	(2743)	(2988)	(1905)	(1981)	(1981)	(4039)	(4369)	(4699)	(4699)	
5000 (2270)	6'-0 1/2"	8'-4 1/2"	2SSO	4'	8'-7"	9'-8"	10'-5 1/2"	6'-5"	7'-2"	7'-2"	13'-9"	14'-4"	15'-5"
(1842)	(2543)	(2616)	(1219)	(2946)	(3188)	(1956)	(2185)	(2185)	(4191)	(4369)	(4699)	(4699)	
5000 AIA (2270)	5'-9"	9'-0 3/8"	2SSO	4'	8'-3"	10'-4"	11'-1 3/8"	6'-5"	7'-2"	7'-2"	13'-9"	14'-4"	15'-5"
(1753)	(2753)	(2515)	(1219)	(3150)	(3388)	(1956)	(2185)	(2185)	(4191)	(4369)	(4699)	(4699)	

### General Purpose Rear Counterweight

2500 (1135)	7'-0 3/8"	4'-3 5/8"	2SSO	3'-6"	8'-7"	6'-6 5/8"	NA	5'-1"	5'-5"	5'-5"	15'-4"	16'-0"	16'-0"
	(2143)	(1311)		(1067)	(2616)	(1997)		(1549)	(1651)	(1651)	(4674)	(4877)	(4877)
3000 (1360)	7'-0 3/8"	4'-3 5/8"	SSCO	3'-6"	8'-7"	6'-3 5/8"	NA	5'-1"	5'-5"	5'-5"	15'-4"	16'-0"	16'-0"
	(2143)	(1311)		(1067)	(2616)	(2035)		(1549)	(1651)	(1651)	(4674)	(4877)	(4877)
3500 (1590)	7'-0 3/8"	4'-8 1/8"	2SSO	3'-6"	8'-7"	6'-11 1/8"	NA	5'-1"	5'-5"	5'-5"	15'-4"	16'-0"	16'-0"
	(2143)	(1426)		(1067)	(2616)	(2112)		(1549)	(1651)	(1651)	(4674)	(4877)	(4877)
4000 (1815)	7'-0 3/8"	4'-8 1/8"	SSCO	3'-6"	8'-7"	6'-8 1/8"	NA	5'-1"	5'-5"	5'-5"	15'-4"	16'-0"	16'-0"
	(2143)	(1426)		(1067)	(2616)	(2035)		(1549)	(1651)	(1651)	(4674)	(4877)	(4877)
4000 (1815)	7'-0 3/8"	5'-4"	2SSO	3'-6"	8'-7"	7'-7"	NA	5'-1"	5'-5"	5'-5"	15'-4"	16'-0"	16'-0"
	(2143)	(1626)		(1067)	(2616)	(2311)		(1549)	(1651)	(1651)	(4674)	(4877)	(4877)
4000 (1815)	7'-0 3/8"	5'-4"	SSCO	3'-6"	8'-7"	7'-4"	NA	5'-1"	5'-5"	5'-5"	15'-4"	16'-0"	16'-0"
	(2143)	(1626)		(1067)	(2616)	(2235)		(1549)	(1651)	(1651)	(4674)	(4877)	(4877)
4000 (1815)	8'-0 1/8"	5'-4"	SSCO	4'	9'-7"	7'-4"	NA	5'-1"	5'-8"	5'-8"	15'-4"	16'-0"	16'-0"
	(2442)	(1626)		(1219)	(2921)	(2235)		(1549)	(1727)	(1727)	(4674)	(4877)	(4877)

#### Notes:

- All dimensions are based on Seismic Zone 4, and are only compliant with ASME A17.1 2010 code or greater. Dimensions may change for earlier code years, and final dimensions may vary based on your configuration. These dimensions are for information only and cannot be used for construction purposes without Schindler confirmation.
- Passenger car dimensions based on decoration weights that are 40% of the car's capacity. Service cars are based on side and rear walls with Schindler standard removable hung panels. Additional weight may impact pit and overhead dimensions.
- All dimensions are based on 8' tall cabs. 9' and 10' heights are also available.
- Doors are available in 7', 8', or 9' heights. Note that minimum floor to floor height must be at least 18" greater than the door height.
- If there is occupied or occupiable space below the hoistway, please contact your local Schindler Representative for dimensions.
- Horizontal tolerance for plumb hoistway is +/-1" for travel under 260', and +/-1.75" for travel over 260'. Over 260' of travel, dimensions will increase. Confirm with your local Schindler Representative.
- For configurations with remote control closet or machine room above, contact your Schindler Representative.
- Clear overhead is measured from the top landing to the underside of the hoist beam. Overhead will increase 12" for each additional foot of cab height.
- Stretcher compliant with up to 1/2" of decoration thickness. For up to 1" of decoration thickness, additional hoistway width is required.
- This 3500 lb car with CO doors fits an 84" stretcher with standard decoration (no hung panels).
- Dimensions based on front and rear entrances on the same side (passthrough). For cars with front and rear on different landings, contact your Schindler Representative.
- Configurations can accommodate an 84" stretcher.
- 4' 6" door also available.



# Schindler – We Elevate

5500 SEISMIC LD BRO-WF3 1020

For more information, including the location of the Schindler office nearest you, please visit:

U.S. Headquarters. Morristown, New Jersey  
Tel. 973.397.6500  
[www.us.schindler.com](http://www.us.schindler.com)

Canada Headquarters. Toronto, Ontario  
Tel. 416.332.8280  
[www.ca.schindler.com](http://www.ca.schindler.com)

**We Elevate**



Schindler has received renewal to ISO 9001 and ISO 14001 certificates.



Schindler prints with vegetable-based ink on paper containing post-consumer waste fiber.  
© Schindler Elevator Corporation