

Schindler 5500

Planning data according to EN81-20



Schindler 5500 MRL

Planning Data

All elevators placed on the market as of 1st September 2017 must comply with EN 81-20*. Please contact us for any further questions.

Load capacity		Passengers max.	Speed	Travel height		Number of stops max.			Number of entrances			Car			Door		Hoistway				
GQ kg	VKN m/s	HQ m	ZE	ZKE	BK mm	TK mm	HK mm	Type	BT mm	HT mm	BS mm	TS mm	HSG mm	HSK ⁽¹⁾ mm	HSK ⁽²⁾ mm						
630	8	1.0	45	15	1	1100	1400	2200-3000	T2	900	2000-2400	1650	1775	1475	HK+1675	HK+1425					
		1.6	80	30	1									1575	HK+1850	HK+1625					
800	10	1.0	45	15	1	1350	1400	2200-3000	C2	900	2000-2400	2025	1700	1475	HK+1675	HK+1275					
		1.6	80	30	1									1575	HK+1850	HK+1450					
1000	13	1.0	45	15	1	1100	2100	2200-3000	T2	900	2000-2400	1650	2475	1175	HK+1675	HK+1275					
		1.6	80	30	1									1300	HK+1850	HK+1450					
		2.5	100	36	1						1700	2475	2050	HK+2250	HK+2050						
		3.0	150	50	1								2275	HK+2400	HK+2250						
		13	1.0	45	15	1	1600	1400	2200-3000	C2	900	2000-2400	2150	1700	1175	HK+1675	HK+1275				
		1.6	80	30	1									1300	HK+1850	HK+1450					
1275	17	1.0	45	15	1	1200	2300	2200-3000	T2	1100	2000-2400	1950	2700	1175	HK+1675	HK+1300					
		1.6	80	30	1									1300	HK+1850	HK+1500					
		2.5	100	36	1						2000	2700	2075	HK+2250	HK+2050						
		3.0	150	50	1								2300	HK+2400	HK+2250						
		17	1.0	45	15	1	1650	1700	2200-3000	C2	1100	2000-2400	2425	2025	1175	HK+1675	HK+1300				
		1.6	80	30	1									1300	HK+1850	HK+1475					
1600	21	1.0	45	15	1	1400	2400	2200-3000	C4	1300	2000-2400	2200	2800	1200	HK+1675	HK+1300					
		1.6	80	30	1									1325	HK+1850	HK+1475					
		2.5	100	36	1						2225	2800	2185	HK+2250	HK+2050						
		3.0	150	50	1								2525	HK+2400	HK+2400						
		21	1.0	45	15	1	2100	1600	2200-3000	C2	1100	2000-2400	2675	1925	1200	HK+1675	HK+1325				
		1.6	80	30	1									1325	HK+1850	HK+1525					
1800	24	1.0	45	15	1	2100	1800	2200-3000	C2	1200	2000-2400	2775	2125	1225	HK+1675	HK+1425					
		1.6	80	30	1									1350	HK+1850	HK+1625					
		2.5	100	36	1						2800	2150	2275	HK+2250	HK+2250						
		3.0	150	50	1								2725	HK+2500	HK+2500						
		2000	26	1.0	45	15	1	1500	2700	2200-3000	C4	1300	2000-2400	2300	3100	1250	HK+1675	HK+1450			
		1.6	80	30	1									1325	HK+1850	HK+1575					
2500	33	1.0	45	15	1	1800	2700	2200-3000	C4	1400	2000-2400	2525	3100	1300	HK+1675	HK+1500					
		1.6	80	30	1									1375	HK+1850	HK+1625					
		2.5	100	36	1						2550	3100	2300	HK+2250	HK+2250						

GQ Load capacity
VKN Speed
HQ Travel height

BK Car width
TK Car depth
HK Car height

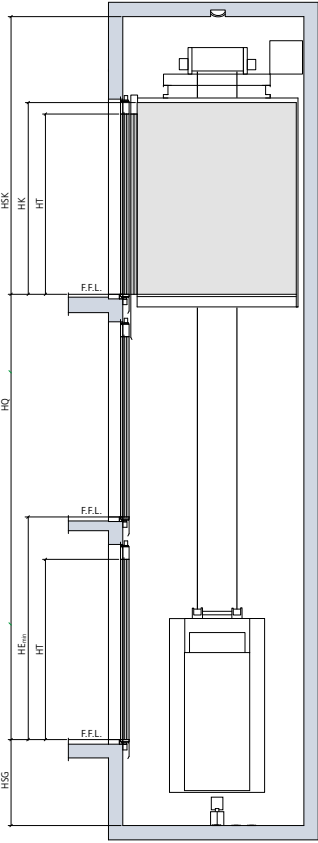
T2 Telescope door
C2/C4 Center-opening telescope door
BT Door width
HT Door height

BS Shaft width
TS Shaft depth
HSG Shaft pit depth
HSK Clear overhead below lifting beam
HSK⁽¹⁾ Standard headroom, fixed balustrade 1100 mm
HSK⁽²⁾ Reduced headroom, foldable balustrade 700 mm where code allows (country specific)

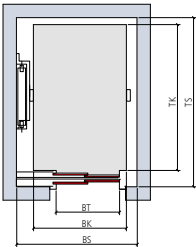
H_{Emin} = HT + 450 mm
HK = HT + min. 100 mm
Flooring (HKZ): above values based on a maximum floor thickness of 40 mm
* EU type examination in accordance with Lifts Directive (Directive 2014/33/EU), based on EN 81-20
** > 44 stops requires destination control/PORT

- Remarks:**
- Our equipment is designed to withstand a temperature range of 5 to 40°C
 - To achieve a suitable temperature for service personnel, the shaft temperature should be kept within the range of 5 to 35°C
 - The humidity in the shaft should not exceed 90% in monthly average and 95% in daily average without condensation
 - Table of dimensions as per EN 81-20/50, for other country codes and specific requirements (eg. EN 81-72 2015 fire fighter elevator or EN 81-77 seismic elevator), please contact our local sales office
 - Shaft dimensions width & depth are based on clear dimension +/-25mm horizontal tolerances over the total shaft height (for shaft height > 80 m, please consult your sales representative)
 - All given information is for general reference and planning. For specific construction detail, please contact our local sales office

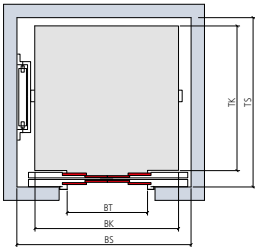
Height and plan view



One-sided entrance



One-sided entrance telescope door



One-sided entrance Center-opening telescope door

For additional information, such as proposals, construction plans, and pricing, please contact our local sales office.

F.F.L. = Finished Floor Level

When vision meets discipline. Schindler partners with Solar Impulse.



Schindler is a main partner of **Solar Impulse**, the zero fuel airplane aiming to fly around the world propelled only by solar energy.

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