

SUPERIDROFIT®

Hydraulic lift with the power unit in the shaft placed at any floor

Main features

Lift model Superidrofit has the power unit inside lift shaft. The controller and all electric equipments are placed inside a landing door frame.

Type of drive

Hydraulic

Rated load

up to 650 kg

Travel

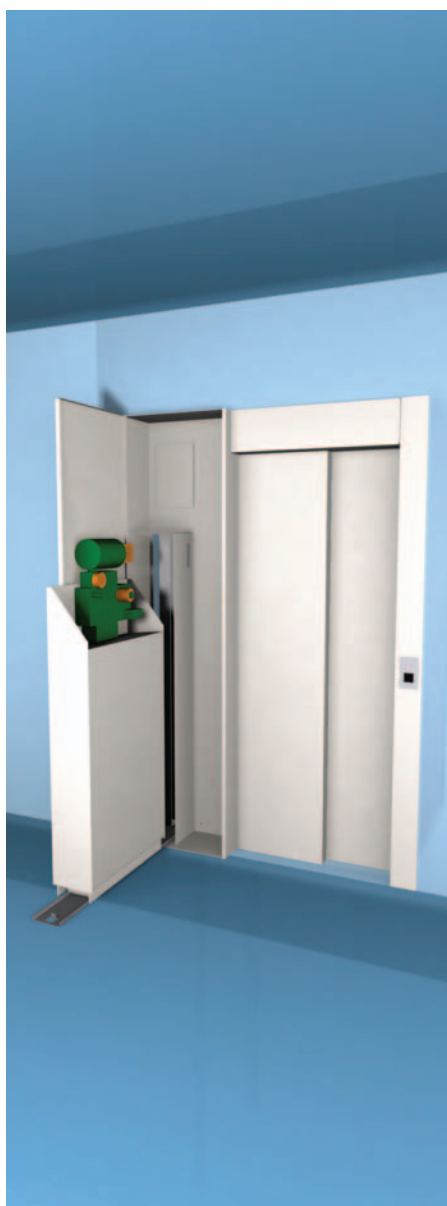
max. 19.5 m

Number of floors served

up to 7

Rated speed

max. 0.63 m/s



Major points

No machine room needed. Main switches, thermostat detecting the temperature of the area, lamps, are inside the landing door frame.

The floor where the power unit and electrics are located can be the lower or any intermediate or upper floor.

The minimum dimensions of the headroom and the pit are the same as for a conventional lift with a machine room. In other words the power unit in shaft does not affect the pit and headroom dimensions.

Safety

Rescue operations are carried out from the landing by opening the cabinet in the door frame where the power unit is located.

The power unit is extractable onto the landing floor, so that inspection and maintenance operations can be very easy

Rescue operations can be also made without extracting the power unit.

Power unit and controller are very close to each other. This will simplify erection, maintenance and rescue operations.

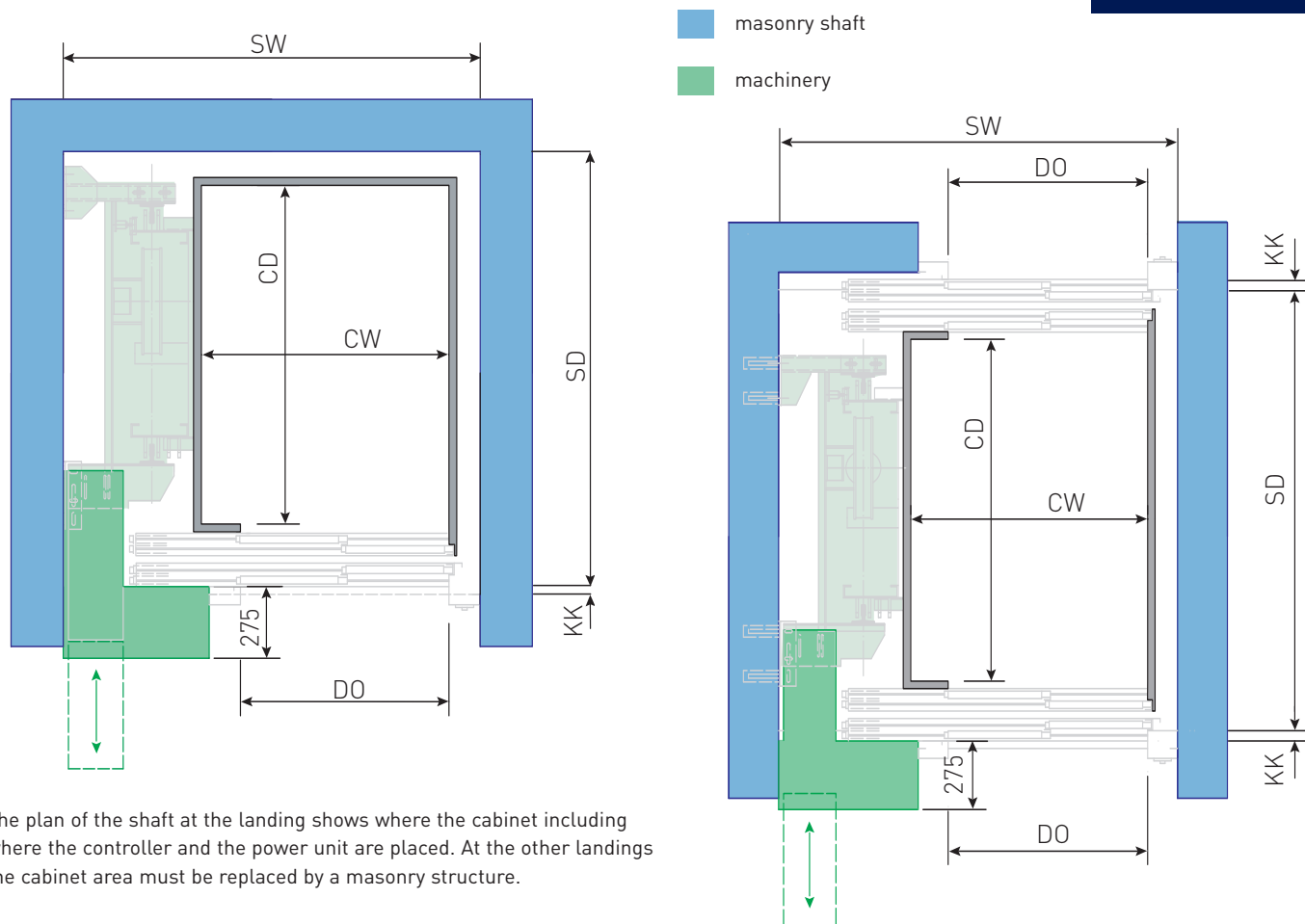
The noise level is the same as a traditional lift

The power unit is very slim; so the shaft size is not increased due to this component.

Available layouts: 1 car entrance, 2 opposite, 2 adjacent entrances

As for Idrofit models, the mounting of lift is very similar to a standard hydraulic lift.

Maintenance operations do not need to be carried out from inside the shaft as happens with a hydraulic lift model with the power unit inside the pit. With Superidrofit, power unit components can be adjusted from the landing floor.



The plan of the shaft at the landing shows where the cabinet including where the controller and the power unit are placed. At the other landings the cabinet area must be replaced by a masonry structure.

Examples of cars, doors, shafts dimensions

Rated load [kg]	No of car entrances	Car dimensions		Door opening	Door type*	Recess	Min. Shaft dimensions	
		CW	CD				SW	SD
Q	N			DO		KK		
375	1	800	1200	750	3AT	45	1450	1600
375	2	800	1200	750	3AT	45	1450	1830
375	1	800	1200	750	2AT	0	1550	1550
375	2	800	1200	750	2AT	0	1550	1740
480	1	950	1300	800	3AT	45	1500	1700
480	1	950	1300	850	3AT	45	1550	1700
480	1	950	1300	900	3AT	45	1630	1700
480	2	950	1300	800	3AT	45	1500	1930
480	2	950	1300	850	3AT	45	1550	1930
480	2	950	1300	900	3AT	45	1630	1930
480	1	950	1300	800	2AT	0	1600	1650
480	2	950	1300	800	2AT	0	1600	1840
630	1	1100	1400	800	2AT	0	1600	1750
630	2	1100	1400	800	2AT	0	1600	1940
630	1	1100	1400	900	3AT	45	1630	1800
630	2	1100	1400	900	3AT	45	1630	2030

* 2AT: 2-panel telescopic doors , 3AT: 3-panel telescopic doors
 Dimensions are in mm. Loads and car dimensions different from those shown here are available