

Superidrofit®

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

The SUPERIDROFIT lift model 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
from 250 Kg to 1100 Kg

Travel
19,5 m max*

* indicative max travel value as it depends on load and car weight

No. of stops
up to 7

Pit
according to load

Headroom
according to car height

Rated speed
0.63 m/s max



Benefits

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 electric equipments are located can be the lower, any intermediate or the 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.

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

Safety

Rescue operations are carried out from the landing by opening the cabinet 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 carried out without extracting the power unit.

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.

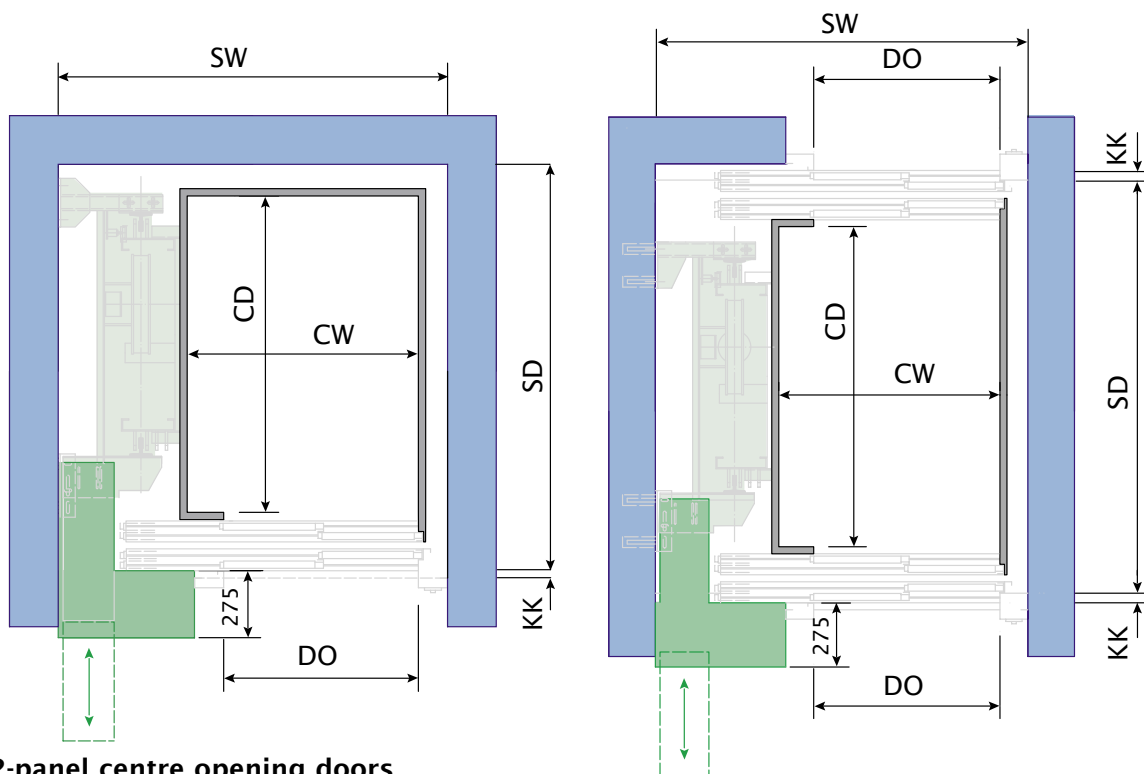
Available layouts: 1 car entrance, 2 opposite, 2 adjacent entrances.

Just as for the IDROFIT model, lift assembling is similar to a standard lift.

Maintenance operations do not need to be carried out from inside the shaft as it 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.

- masonry shaft
- machinery

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



Also available with 2-panel centre opening doors.

Examples of car, shaft dimension and doors 2AT (2-panel telescopic doors) and 3AT (3-panel telescopic doors).

Rated load [kg]	No. of car entrances	Car dimensions		Door opening	Door type	Recess	Shaft dimensions	
		CW	CD	DO		KK	SW	SD
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	1630	1750
630	2	1100	1400	800	2AT	0	1630	1940
630	1	1100	1400	900	3AT	45	1630	1800
630	2	1100	1400	900	3AT	45	1630	2030
800	1	1350	1400	800	2AT	0	1950	1800
800	2	1350	1400	800	2AT	0	1950	1940
800	1	1350	1400	900	2AT	0	1950	1800
800	2	1350	1400	900	2AT	0	1950	1940
1000	1	1400	1600	800	2AT	0	2000	2000
1000	2	1400	1600	800	2AT	0	2000	2140
1000	1	1400	1600	900	2AT	0	2000	2000
1000	2	1400	1600	900	2AT	0	2000	2140
1000	1	1100	2100	800	2AT	0	1700	2500
1010	2	1100	2100	800	2AT	0	1700	2640
1000	1	1100	2100	900	2AT	0	1800	2500
1010	2	1100	2100	900	2AT	0	1800	2640

Dimensions are in mm. Loads and car dimensions different from those shown here are available.