



Screw driven cabin lift Sovereign

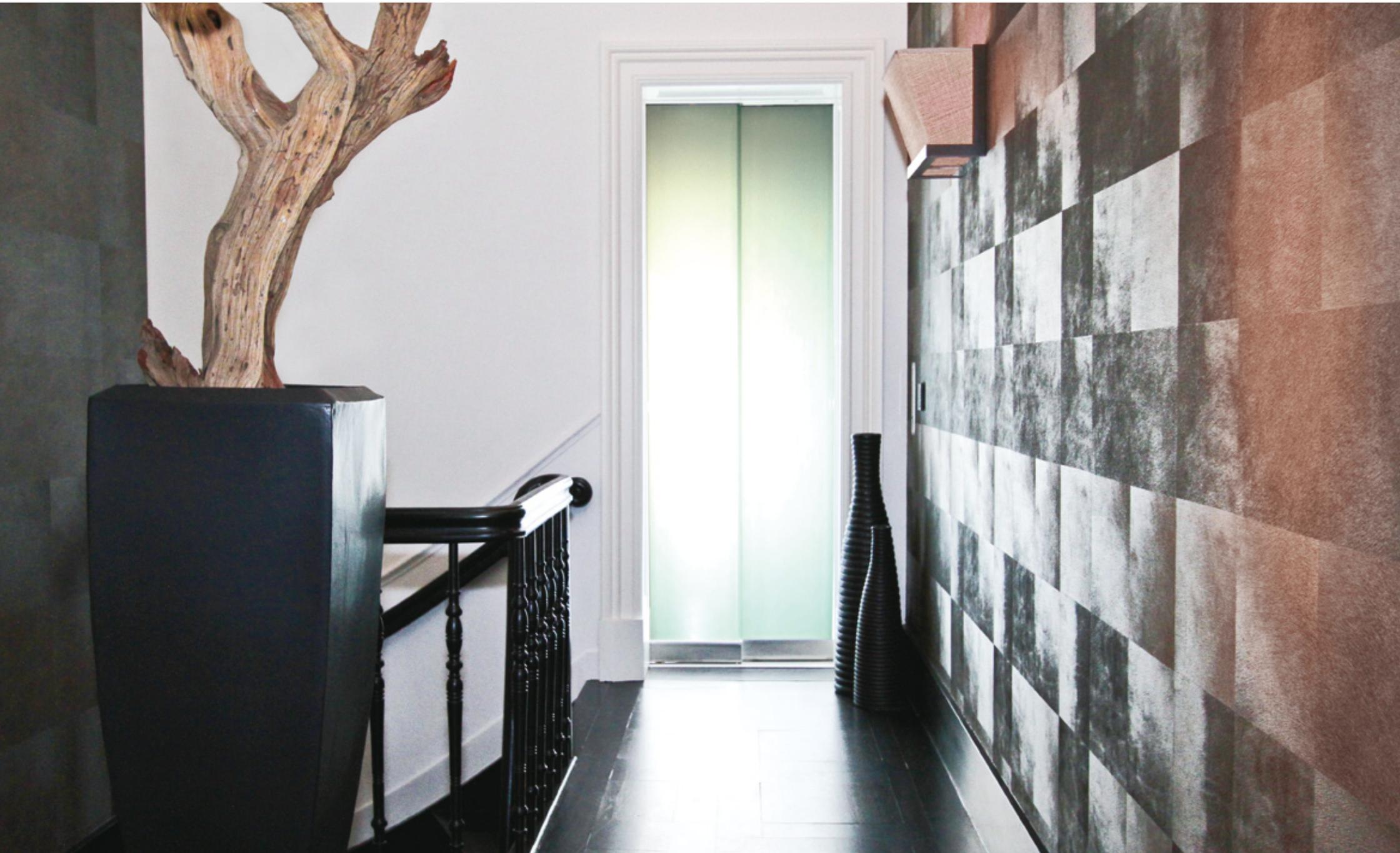




Axesslift, Dutch market leader in screw driven lifts

Axesslift has years of experience in developing intelligent lift systems that can be installed easily and at minimal cost. Indeed, in 1998 Axess was the first Dutch company to be licensed by the Dutch Lift Institute for the supply of screw driven platform lifts. Since then Axess has installed more than 4000 lifts in The Netherlands, making it the undisputed market leader in this segment.

Now, with the introduction of the Sovereign, Axess is once again setting the trend. All the advantages of a conventional passenger lift and a platform lift in a single design.



Sovereign, a new perspective on lifts

The Sovereign has been designed for customers who want the comfort and lift sensation of a conventional passenger lift but also the architectural advantages of a platform lift.

The Sovereign does not require a lift pit, while headroom of 2700 mm on the upper storey is enough to enable installation of the lift without roof penetration. Just as with conventional passenger lifts, operation is automatic and the lift cabin is fully closed by means of telescopic doors. This means that the wall of the shaft no longer “glides past” the user at the open side of the

cabin. Apart from the slightly slower lifting speed, there is no difference in use between the Sovereign and a conventional passenger lift. The drive system and the controller are integrated in the design of the lift. This means that a separate machine room or cabinet is not required.

The Sovereign is CE certified by the Dutch Lift Institute in line with the 2006-42-EC Machinery Directive.

No lift pit, no roof penetration but with automatic controls and fully enclosed cabin



Advantages Sovereign

SAVE ON BUILDING COSTS

no lift pit

no extended shaft top

no machine room

ULTIMATE COMFORT AND SAFETY

automatic control

fully enclosed cabin

automatic telescopic doors

doors standard 60 min. fire-resistant

MINIMUM DISRUPTION

modular system

minimal builders work

installation in a few days

SCREW / NUT DRIVE

drive and controller integrated

high stop accuracy

no hydraulics, so no leakage

capacity up to 1000 kg

A LIFT FOR EVERY EVENTUALITY

standard lift for wheelchairs 1000 x 1500 mm

for mobility scooters 1100 x 1700 mm

stretcher lift 1100 x 2100 mm

for limited space 1100 x 1000 mm

APPEARANCES DO MATTER

superior cabin design

controls with "blue LED" technology

wide choice in materials and colours

DURABLE AND ENVIRONMENTAL FRIENDLY

low energy consumption

no hydraulic oil

durable materials

LOW OVERALL COSTS

attractively priced

low maintenance costs

no expensive elevator inspections





The cabin, the best in luxury and elegance

Stylish quality

The Sovereign's cabin features a stylish design and a solid construction. The lift meets the tough standards of the EN-81Lift Directive. Each cabin has an operating panel that extends from floor to ceiling, featuring attractive stainless-steel buttons with modern blue LED illumination. Axess uses only the finest materials for the manufacture of the cabins. The standard design can be augmented by a wide range of options for fully customising the lift, and one can choose from three standard finishing levels.



	CLASSIC	ELEGANCE
corners	powder coated RAL 9016 (white)	satin stainless steel
profiles	powder coated RAL 9016 (white)	satin stainless steel
ceiling	powder coated RAL 9016 (white)	satin stainless steel
operation panel	powder coated RAL 9016 (white)	satin stainless steel
handrail	stainless steel round, ø 40 mm	stainless steel round, ø 40 mm
push buttons	RVS 40 x 60 mm with blue LED	RVS 40 x 60 mm with blue LED
wall finishing	laminare, wide choice in colours	laminare, wide choice in colours
floor finishing	PVC, non-slip, wide choice in colours	PVC, non-slip, wide choice in colours
lights	LED spotlights	LED spotlights
digital display	optional	standard

Panoramic:

All cabins are available with glazed walls.



Doors

The Sovereign is supplied with automatic telescopic doors as standard. The final form of the door depends on the lift dimensions, the available space and the required finishing. This page shows several examples from the wide range of options. Doors can also be supplied with 3 or 4 panels, opening to one side or centrally, and in glass or in stainless steel.



Epoxy primer
one side opening



Satin stainless steel
one side opening



Glass door in frame
central opening



Full glass door
central opening



Cabin Elegance with maple

Specifications Sovereign



TYPE DESCRIPTION	
model	electric cabin lift Sovereign
European directive	Machinery directive 2006/42/EC
manufacturer	Axess
made in	Holland
certifying notified body	N.I.V.L. (Dutch Lift Institute)

GENERAL SPECIFICATION	
capacity (kg)	400 / 630 / 1000
number of stops	max. 8
travel (m)	max. ca. 15
lifting speed (m/s)	0,15
pit depth (mm)	100 or an entry ramp
shaft top (mm)	2600 mm (2400 optional)

CABIN SPECIFICATIONS	
cabin types	Classic / Elegance / Panoramic
control panel	vertical, full cabin height
controls	large 60 x 40 mm push buttons with blue LED
floor indicator	digital display with blue LED
wall finishing	HPL laminate, wide choice in colours
floor finishing	PVC, wide choice in colours
ceiling	steel plate powder coated or stainless steel
lighting	LED spotlights
hand rail	round bended, ø 40 mm, stainless steel
communication	telephone or auto dialler

DRIVE / CONTROL	
drive	electric screw / nut
motor control	direct start or frequency converter
controller	micro processor
motor power (kW)	2,2 / 3,0 (400 / 630 kg)
voltage (V)	230 / 400

LIFT DOORS	
type	telescopic door VVVF
design	2 panels, one side opening
door clear width (mm)	900 (1100 mm wide cabin)
door clear height (mm)	2100
finishing cabin door	satin stainless steel
finishing shaft door	epoxy or satin stainless steel
glass doors	optional

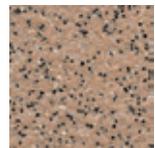
SAFETY FEATURES	
emergency descent (battery powered)	
audible alarm	
emergency lighting	
photo cells	
overload detection	
safety nut with electric switch	
telephone or auto dialler	
emergency key	
safety relais	

Cabin finishing

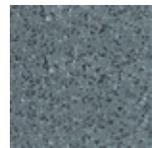
Floor



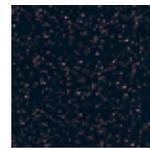
PVC



Biscuit



Dolphin



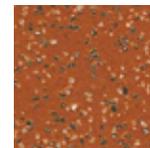
Black



Cloud



Tundra

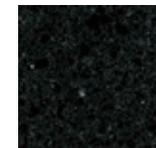


Terracotta

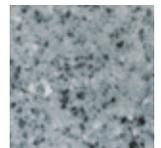
Granite 90



Bianco Assoluto



Nero Tijuca



Grigio

*Colours for reference only.

Walls

Laminate, UNI colours



114 Yellow



303 Orange



306 Red



311 Maroon



330 Eggplant



506 Dark blue



522 Light blue



527 Royal blue



628 Green



630 Lime green



156 Beige



775 Gray white



961 Graphite black



999 Black

Laminate, wood



1334 Oak



1555 Wengé



1704 Cherry



1727 Birch



1887 Maple



1951 Walnut

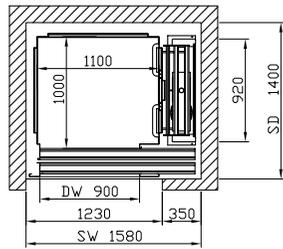


3410 Larch

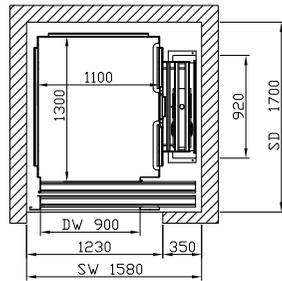
Dimensions

Single entry , type S1S

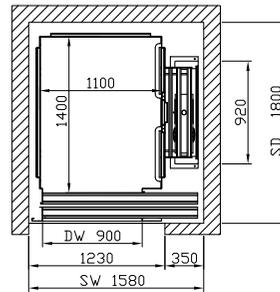
S1S 1110



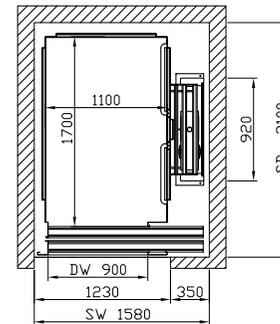
S1S 1113



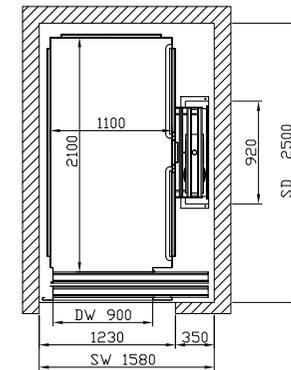
S1S 1114



S1S 1117



S1S 1121



S1S 1110	
CB	1100 mm
CD	1000 mm
SB	1580 mm
SD	1400 mm
DB	900 mm
capacity	400 kg
persons	5

S1S 1113	
CB	1100 mm
CD	1300 mm
SB	1580 mm
SD	1700 mm
DB	900 mm
capacity	400 kg
persons	7

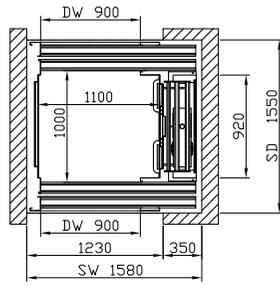
S1S 1114 (wheelchair lift)	
CB	1100 mm
CD	1400 mm
SB	1580 mm
SD	1800 mm
DB	900 mm
capacity	400 / 630 kg
persons	8

S1S 1117 (mobility scooter lift)	
CB	1100 mm
CD	1700 mm
SB	1580 mm
SD	2100 mm
DB	900 mm
capacity	630 kg
persons	8

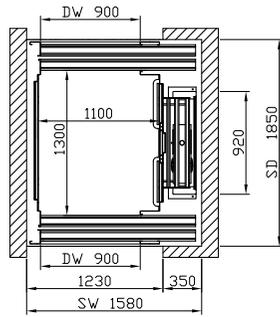
S1S 1121 (stretcher lift)	
CB	1100 mm
CD	2100 mm
SB	1580 mm
SD	2500 mm
DB	900 mm
capacity	630 / 1000 kg
persons	13

Opposite entry, type S2O

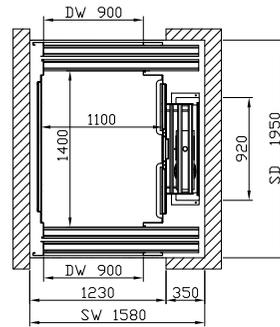
S2O 1110



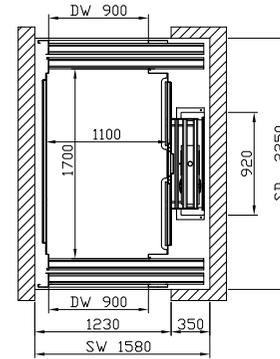
S2O 1113



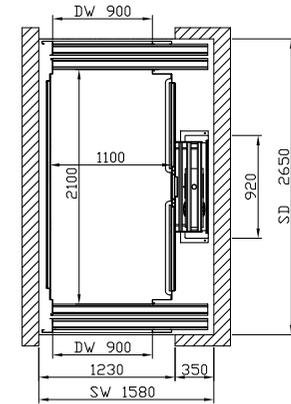
S2O 1114



S2O 1117



S2O 1121



S2O 1110	
CB	1100 mm
CD	1000 mm
SB	1580 mm
SD	1550 mm
DB	900 mm
capacity	400 kg
persons	5

S2O 1113	
CB	1100 mm
CD	1300 mm
SB	1580 mm
SD	1850 mm
DB	900 mm
capacity	400 kg
persons	7

S2O 1114	
CB	1100 mm
CD	1400 mm
SB	1580 mm
SD	1950 mm
DB	900 mm
capacity	400 / 630 kg
persons	8

S2O 1117	
CB	1100 mm
CD	1700 mm
SB	1580 mm
SD	2250 mm
DB	900 mm
capacity	630 kg
persons	8

S2O 1121	
CB	1100 mm
CD	2100 mm
SB	1580 mm
SD	2650 mm
DB	900 mm
capacity	630 / 1000 kg
persons	13

Options / accessories

CABIN OPTIONS

cabin type Elegance with stainless steel accents
digital display with floor indicator (standard with cabin Elegance)
glass cabin walls
mirror half / full wall
telephone or auto dialler
fold down seat
outside cabin corners clad with stainless steel
shaft lining with sandwich panels

DOOR OPTIONS

stainless steel shaft doors with primer coating
glass shaft and cabin doors
other door heights
central opening doors
doors with 3 of 4 panels for limited spaces

SHAFT OPTIONS

aluminium shaft with (glass) cladding
outside shaft
pit cover plate
ramp for lift without pit

CONTROL OPTIONS

frequency converter (soft start-stop)
key switch several use
school locking system
fire man switch
code panel on COP or LOP
fire evacuation switch
remote call button (elbow controlled)
external electrical compartment
arrival gong (ding-dong)

COMMUNICATION

telephone or auto dialler



RAL colours available on request



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