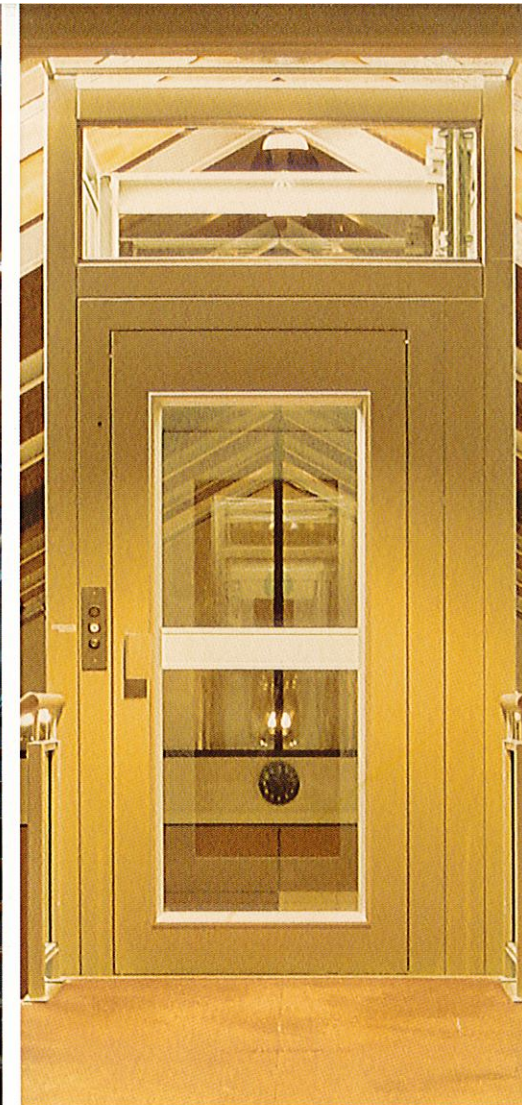
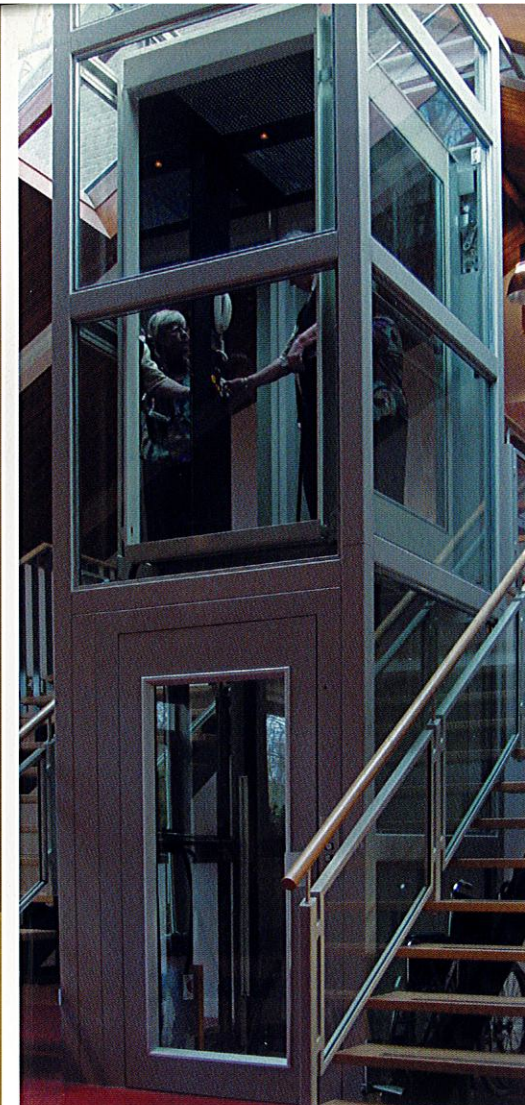
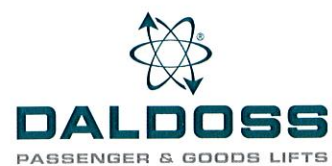




Level[®]

RESIDENTIAL PLATFORM LIFT

A complete range of hydraulic platform lifts, also with automatic operation.



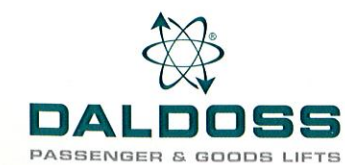
Daldoss Elevetronic Spa

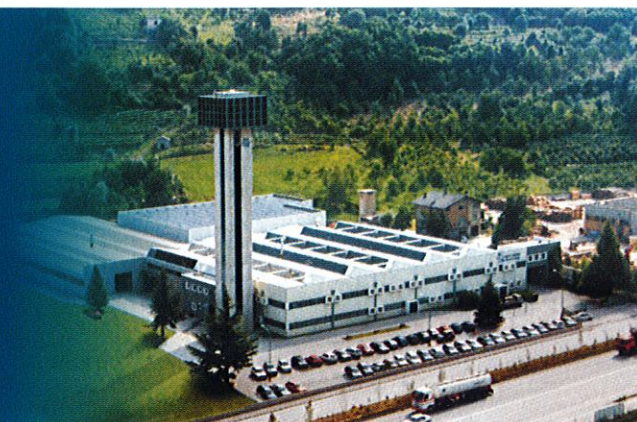
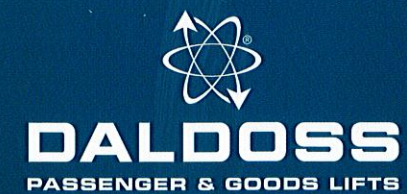
Località Cirè 38057 Pergine Valsugana (Tn) - Italy

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www.daldoss.com





"Discover the Daldoss world"



Let us think for a moment of the space around us, in all of its three dimensions. Now let us imagine a man moving freely within this space. In two dimensions he will be completely self-sufficient in his movements as his legs will take him wherever he likes. But if he wants to tackle the third dimension, he'll need to hang onto a rope, dangle from a balloon or... use a lift. DALDOSS conquers the third dimensions.

Applications

Level is the ideal solution for private, commercial and public applications, especially in presence of people with impaired mobility.

Level®

RESIDENTIAL PLATFORM LIFT

Level hydraulic platform lift range is available in three different versions: **Level** MAP with constant pressure push button control in the car and automatic operation at floor; **Level** Plus with automatic operation both in the car and at floor; **Level** Matic, fully automatic with 4 panels, central opening doors or with 2 or 3 panels telescopic doors.

Level is characterised by controlled speed and carrying capacity, especially designed to move people with impaired mobility. It complies with the various regulations and standards that are currently in force and is EC certified.

Due to a reduction in the overall dimensions of both the lift and the structure supported frame (optional), the platform

can be easily installed both internally or externally. The modular structure enables a quick installation and reduced building work. It is supplied in a grey baked anti-corrosive painted finish (or galvanised for external applications), available with glass, sheet, insulated panel covering etc.

The **Level** product range comprises 7 different models with carrying capacity of up to 500 kg (for MAP version). Available with one or two lift car entrances, they are supplied with a single hinged or automatic doors (for Matic version) which guarantees maximum safety. If an existing lift shaft is to be used, then non-standard dimensions are available on request allowing installation in every type of interior design.

A flight of steps, a difficult staircase, an inaccessible garage are all very real architectural obstacles to the disabled and elderly. The **Level** platform lift is designed to overcome such obstacles. Ideal for any detached houses, public offices or buildings, and apartments with two or more floors, these platform lifts are characterised by an affordable purchase price and reduced running costs.



LEVEL MAP

With automatic control at floor and constant pressure push button in the car.



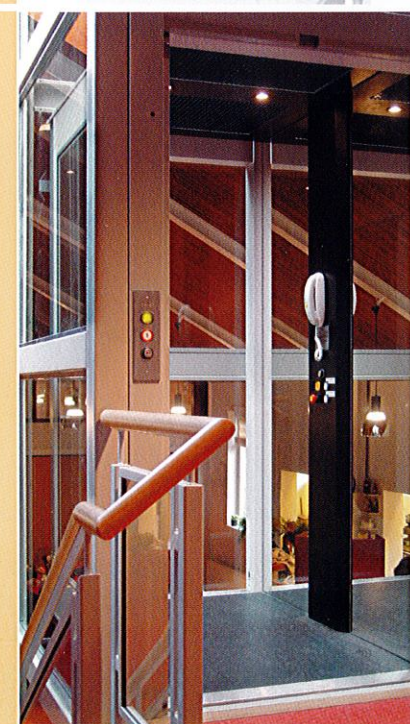
LEVEL PLUS

With car door and automatic control both in the car and at floor.



LEVEL MATIC

With automatic door, 4 panels, central opening, or telescopic door with 2 or 3 panels. Automatic operation both in the car and at floor.



Index

The other Daldoss products	28
Technical characteristics.....	22
Customization of the lift	18
Finishes in detail	14
Models with structure supported frame..	10
Wall mounted models.....	8





*External installation in a private house (Italy),
finishes in coloured painted sheet steel and
glass cladding for the structure.*

*External installation in a condominium (Italy),
finished in painted sheet steel
and structure cladding in smoked glass.*



*Indoor installation in a company (France),
with structure supported frame in stainless steel and
glass cladding.*



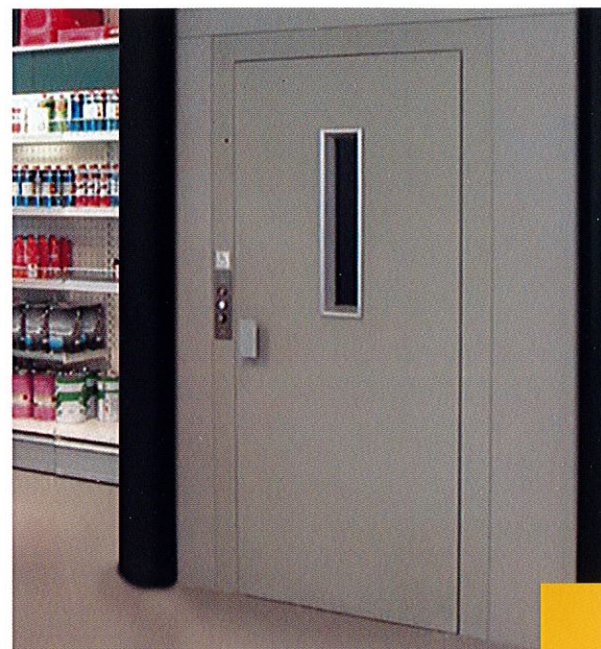
Typical applications

Wall mounted models

Level platform lifts need only 100 mm minimum pit or just a small ramp: these simple requirements together with the optional structure supported frame enable our qualified personnel to easily and quickly install the lift with the minimum of inconvenience while at the same time fully respecting all environmental considerations.



Installation in a private house (Malaysia), finishing in colored stainless steel, automatic 2 panels telescopic doors.



Installation in a supermarket (Italy), standard finishes.



Installation in a private house (The Netherlands), standard finishes.



Installation in a parish (Italy), standard finishes, with roof.

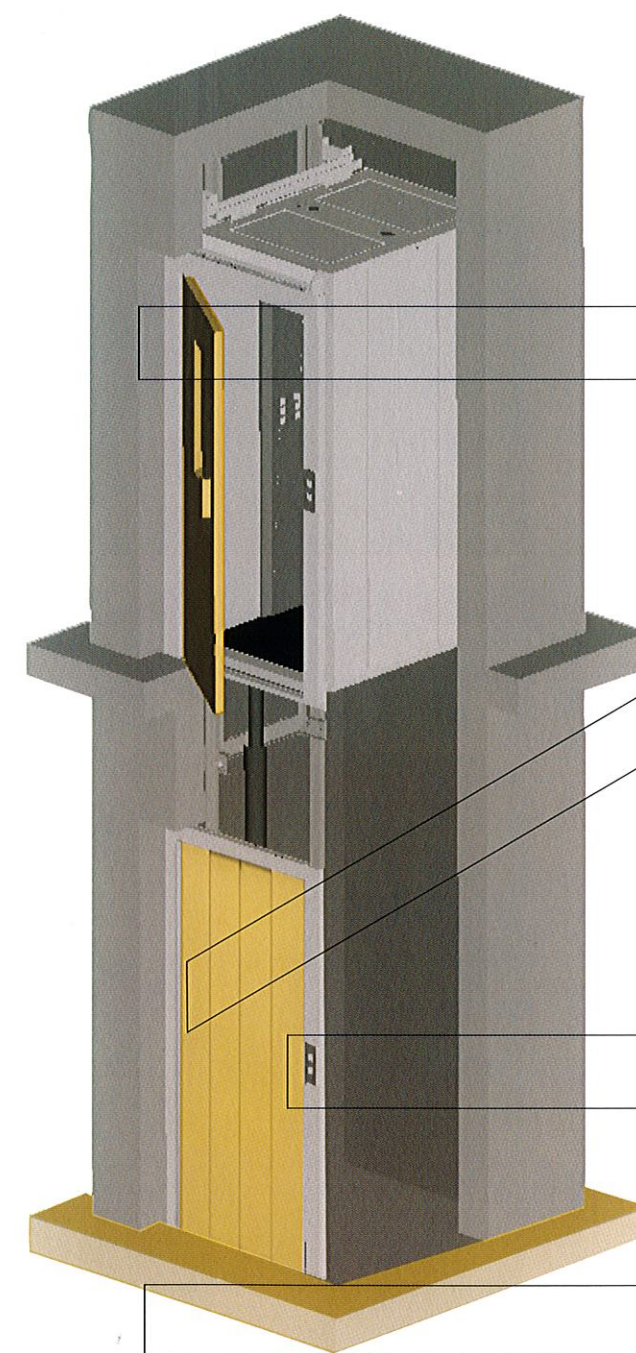


Norms and regulations:

- Legislative Decree January, 27th 2010 N.17.
 - Machinery Directive 2006/42/CE.
 - Electromagnetic Compatibility 2004/108/CE.
 - Ministerial Decree January 14th 2008. Technical Standards for New Construction.
 - CR-UNI 10011 - June 1988.
- Steel Construction. Instructions for calculation, construction, testing and maintenance.

INSTALLATION

3D rendering of wall mounted installation



1a

Standard hinged door with window, also available panoramic and fire resistant doors (EI 60 - EI 120). Option of landing doors supplied with automatic "door opening" (remote control or dedicated push button).

1b

For Level Matic, automatic 4 panels central opening doors or automatic telescopic 2 or 3 panels doors. Also available panoramic, in stainless steel and fire resistant (EI 60 - EI 120).

2

Landing push button station with automatic call push button for all Level range.

3

Only 100 mm pit (150 mm for Level Plus and Matic) or a small ramp are needed to install Level in any kind of situation, both for indoor or outdoor applications.

Typical applications

Wall mounted models

Level platform lifts need only 100 mm minimum pit or just a small ramp: these simple requirements together with the optional structure supported frame enable our qualified personnel to easily and quickly install the lift with the minimum of inconvenience while at the same time fully respecting all environmental considerations.



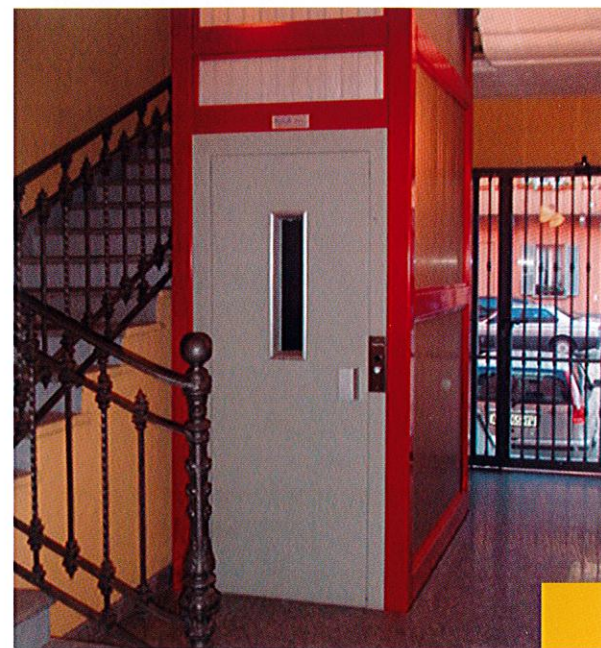
Installation in a company (Italy), structure with glass cladding. Thanks to the structure supported frame, Level can be installed also without a dedicated shaft.



Outdoor installation in a condominium (Italy), structure with glass mirror cladding.



Installation in a private house near the sea (Italy), structure supported frame in white steel sheet and glass cladding.



Installation in a condominium (Italy), structure supported frame in coloured sheet steel combined with standard cladding in RAL 7038.

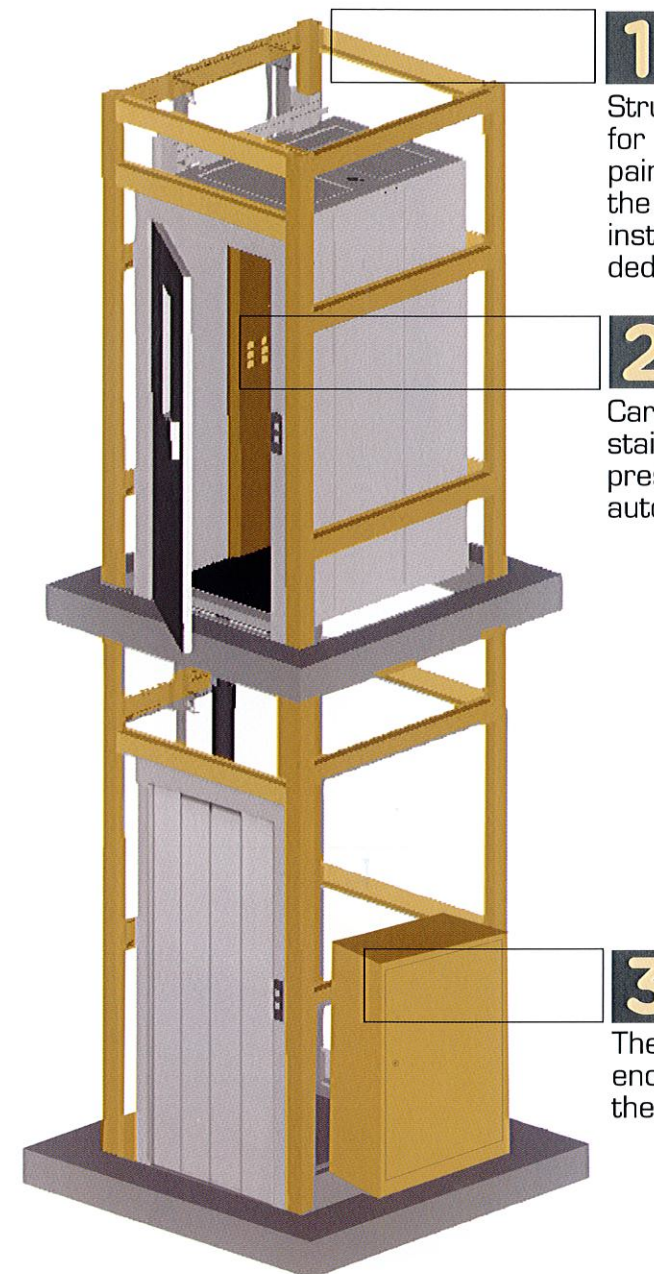


Spaces and costs saving

Level has been designed to reduced to the minimum the space occupied by the shaft, saving valuable floor space in the building. The modular structure of the single components ensures maximum adaptability to different environmental situations. The low power consumption (1.5 - 2.2 kW) with a 240 V single phase motor eliminates the need to supply 415V 3 phase industrial power supply. Thanks to the quality of the products, due to first class materials, maintenance operations are reduced to the minimum.

INSTALLATION

3D rendering of structure supported frame installation



1

Structure supported frame with bolted elements for indoor or outdoor applications, standard painting in RAL 7038 Gloss 30. Thanks to the structure supported frame Level can be installed in any kind of situation, also without a dedicated shaft.

2

Car operation panel positioned on a satin stainless steel vertical service panel. Constant pressure push button control for Level MAP, automatic operation for Level Plus and Matic.

3

The pump unit and the control panel can be enclosed within a small cabinet positioned near the lift. No machine room is necessary.



*Installation in a private house (Italy),
car finishes in stainless steel,
full glass door; structure supported frame
in stainless steel with extra light glass cladding.*

*External installation in a private house (Italy),
structure supported frame in stainless steel
with glass cladding.*



*Example of installation made at the exhibition Made Expo (Italy),
structure supported frame with glass panels.
Mirror glass on the wall,
car operation panel in stainless steel with display.*



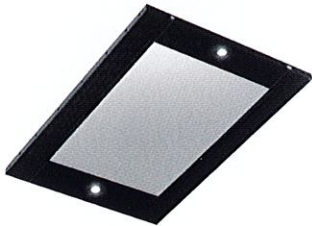


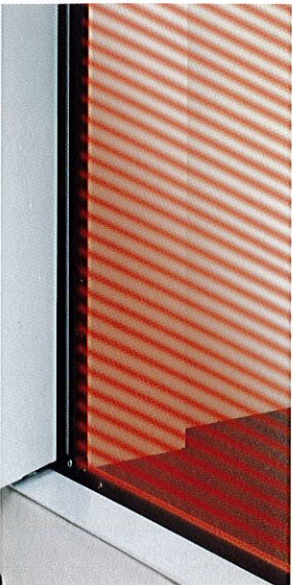
Finishes in details

Standard and optional components

Level has been designed and built with extreme attention to quality and strength of materials, for ensuring maximum durability and minimizing maintenance and running costs.

Standard finishes

Black gridded ceiling with low-voltage spotlights	Ceiling with low-voltage spotlights and skin plate panels (optional)	Black gridded ceiling with neon lighting (optional)	Ceiling with neon lighting and skin plate panels (optional)
			

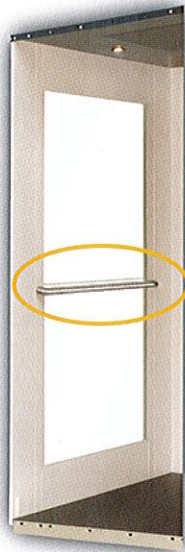
Full height curtain photocell cat. 2 (only for Level MAP)	Car operation panel with Braille push button	Landing push button station with Braille push button
		



Customized features

Level has a wide range of finishes and optional and can be customized by installing accessories to further increase safety and functioning of the lift.

Optional finishes

Full height or half panoramic car wall. Handrail in stainless steel	Full height or half wall mirror	Cabinet for pump unit and control pane
		

Landing push button station with Display and Braille push button	Antivandal push button for outdoor installations	Phone to machine room or to dedicated location or with external line
		



Finishes in details

Available doors

A wide choice of doors are available for **Level** range. Available in standard skin plate in RAL 7038, other RAL colours as per Daldoss range, in stainless steel, in "big vision" glass with frame, full glass (all optional finishes). On request fire rated doors EI 60 - EI 120 are available.

Folding type car door with 4 panels (only for Level Plus)	Landing door with glass 70x900 mm	Panoramic landing door (only for MAP and Plus version)	Full glass landing door (only for MAP and Plus version)
			
Landing and car door with 4 panels, central opening (for Matic version)	Landing and car door with 3 telescopic panels (for Matic version)	Landing door with 2 telescopic panels (for Matic version)	Detail of "big vision" finishing
			
			Detail of full glass finishing
			



Installation in a private house (Malaysia),
full glass panoramic car;
full glass 2 panels telescopic door.

Customization of the lift



Colours and materials

Level range can be customized with a wide range of colours and materials. The lift perfectly fits any kind of environment.

Car floor (vinyl flooring) colours:

standard colours

optional colours

Skinplate colours range

Stainless Steel range

The colours shown are purely for demonstration and may differ from the colours of the original material.

Daldoss RAL baked enamel colours range

(Complete RAL colours range available on request, as optional)

	Pearl grey RAL 7038 (standard)
	Greyish aluminium RAL 9007
	Rust 56RO 3112
	Intense black RAL 9005
	Micaceous anthracite 5620 2503
	Light ivory RAL 1015
	Brilliant aluminium RAL 9006
	Cream white RAL 9001
	Window grey RAL 7040
	Stone grey RAL 7030
	Pure white RAL 9010
	Pearl white RAL 1013
	Beige RAL 1019
	Anthracite grey RAL 7016



The colours shown are purely for demonstration and may differ from the colours of the original material.



Installation in a beauty farm (Italy), car finishing in stainless steel with 3 panels telescopic door, structure supported frame with smoked glass panels.



Quality and safety features

Level fully complies to the Machinery Directive 2006/42/CE and obtained the Type Examination Certificate released by the Italian Notified Body IMQ. Daldoss is able to supply various safety equipment to comply with different national and international standards and regulations.

Level®

Technical Data	
Drive system	Hydraulic with pump unit installed system adjacent to shaft.
Rated load	250 kg - 350 kg - 500 kg (optional for MAP version).
Persons	3 persons (2 persons for model M).
Installation	Wall-mounted or with structure supported frame (optional).
Operation	Level MAP: constant pressure push button control in the car and automatic at floor. Level Plus and Matic: automatic control both in the car and at floor.
Stops	Up to 8 in standard configurations.
Travel	Travel Up to 14100 mm (may vary with the model).
Minimum headroom	2500 mm - 2600 mm for Level Matic.
Minimum pit or ramp	100 - 150 mm (depending on model).
Car speed	0.10 - 0.15 m/sec. (depending on model).
Power supply	220 V - single phase - 50 Hz.
Rated power	1.5 - 2.2 kW (depending on model).

Operation

The hydraulic operation guarantees optimum performance and extremely low noise levels. The operation is the same used on a traditional lift and ensures maximum safety for the elderly, disabled or people with impaired mobility.

Safety features

All safety features are in compliance with the various regulations and standards in force and are fitted as standard to the base models.

- Emergency Return Device to any floor or floor 0 in down direction
- Power failure emergency light
- Roller safety gear device
- Emergency rescue device (manual pump)
- Door closing and lock control devices
- Rupture valve
- Re-levelling: the lift car automatically levels at each floor which eliminates a potential tripping hazard when entering the lift car
- Maximum travel comfort: calibrated smooth deceleration for levelling at each floor level
- Full height photocells door-closing protection device (only for MAP version).



Technical characteristics



Hydraulic platform lift for indoor or outdoor installation, ideal solution for existing buildings.

Level range has been designed also for users with special needs and is equipped with a number of safety devices which guarantee 100% safety. According to norms and regulations, speed is restricted to 0.10 - 0.15 m/s. Constant pressure push button or automatic control depending on product line, car entrance protected by a full height curtain photocell (for MAP version) or by car doors (for Plus and Matic version) and certified safety devices to prevent excessive car speed.

Entrances	
Entrances	1 or 2 in line, opposite or adjacent according to model.
Hinged landing doors	Single hinged door with EN 81 compliant safety locks, hydraulic braking damper, window with 70x900 mm glass panel, baked enamel RAL 7038 finish (other colours as optional).
Automatic landing door	4 panels central opening (standard and slim type), telescopic with 2 or 3 panels, jambs and panels in skin plate as per Daldoss range.
Landing push button station	Panel in satin stainless steel, automatic call push button, "lift arrival" and "lift in use" indicator with luminous lamp. Braille type.
Car	Fully enclosed car with skin plate finish, rounded corner (colours options from our range), floor finished in anti-slip plastic rubber, black gridded ceiling with timer controlled low voltage spotlights, emergency light (in case of power failure), full height curtain photocell cat. 2 at car entrance (only for MAP version).
Car operation panel	On a satin stainless steel vertical service panel. Constant pressure floor selector push button for Level MAP, automatic for Level Plus and Matic. Alarm button (activating an external buzzer), open door button (only for Level Matic), stop push button (only for MAP version). Plate with rated load and no. of people allowed. Braille type.
Car doors	Level Plus: folding type door with 4 panels (finishes in RAL 7032), central opening inwards the car. Level Matic: automatic 4 panels central opening doors, 2 or 3 automatic telescopic doors, in skin plate as per Daldoss colours range.
Various	Emergency Return Device to any floor or floor 0 in down direction (in case of power failure).



Options and customization

Level is available with a wide range of finishes and technical options in order to guarantee high performance of the product in any kind of installation. Special configurations and non-standard dimensions available on request.

Options	
Hinged landing doors	With or without window, with panoramic transparent glass or other glass type (on request). Finishing: baked enamel (Daldoss RAL colours range or any RAL colour), clad in stainless steel or other finishes, entirely made in stainless steel or with predisposition for door cladding. Fire rated version EI 60 - EI 120. Version with "big vision" glass with frame or full glass. Armored lock.
Automatic landing doors	T2, T3 type (2-3 panels telescopic), C4, C4 Slim (4 panels, central opening). Without window, panoramic with "big vision" glass with frame or full glass. Finishing: baked enamel RAL (Gloss 30), skin plate, stainless steel (Daldoss range) or other stainless steel finishes. Fire rated version (EI 60 - EI 120) (standard finishing RAL 7032, optional in skin plate, satin stainless steel or other stainless steel types).
Landing push button station	With display. Bell advising car arrival at floor. Removable key switch to activate push button. With waterproof elements for outdoor installation. Anti vandal push button.
Car operation panel	With display, removable key switch to activate push button, anti vandal push button, service panel in super mirror stainless steel, gold scotch brite, gold mirror. Satin stainless steel plate instead of the service panel. Customization of rated load plate with Customer logo.
Car doors	Level Plus: other RAL colours, in satin stainless steel, full glass type (with 4 glasses 80x1700) or with window 100x500 positioned on the central panels or on all the panels of the door. Level Matic: RAL (Gloss 30) baked enamel finish, stainless steel (Daldoss range) or other stainless steel finish. With "big vision" glass with frame or full glass.
Car	Half height mirror, full height mirror, handrail, intercom system, phone (external line required), gong, bi-directional communication device, panoramic walls, satin stainless steel finish or other patterned steels. Ceiling with different finishes, overload device, voice synthesizer. Bump rails for walls protection. Presetting for car cladding (max. 20 mm). Non-standard car dimensions on request.
Structure supported frame	With bolted elements for indoor and outdoor installations. Grey baked finish RAL 7038 (standard), Daldoss RAL colours range or other RAL colours (optional). Enclosed with grey baked enamel steel panels, skin plates panels, glass panels or insulated panels. Fully enclosed roof both for internal and external installations.
Control/gear and pump unit	Low temperature oil heater, machine room cabinet for indoor installations.

Technical characteristics

Overall dimensions

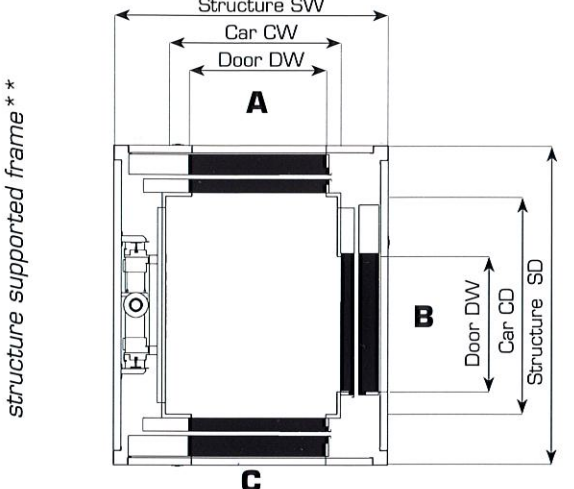
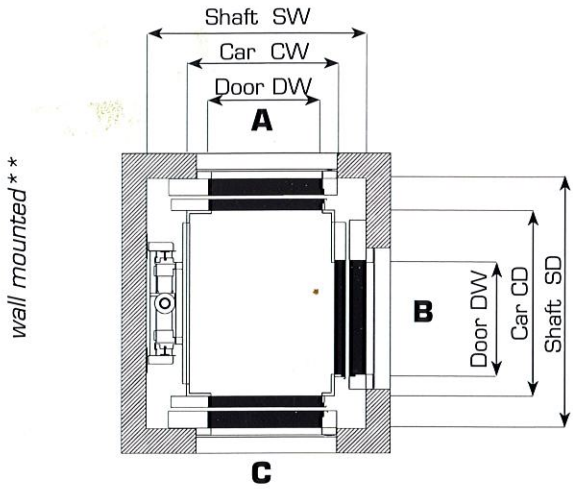


Table of dimensions

				Level MAP - Level Plus			Level Matic 2 panels			Level Matic 3 panels		
Model	Entrances	Car H = 2100 mm		Doors* Manual hinged doors	Wall mounted		Doors* Automatic telescopic doors	Wall mounted		Doors* Automatic telescopic doors	Wall mounted	
		CW	CD	DW	SW	SD	DW	SW	SD	DW	SW	SD
M	B	630	800	650	1000	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
S ¹ 	A o C	800	1200	800	1225	1290	600	1200	1500	700	1200	1550
S ¹ 	AC	800	1200	800	1225	1240	600	1200	1630	700	1200	1700
S ¹	B	800	1200	800	1175	1340	600	1270	1340	700	1300	1340
S	AB o BC	800	1200	800	N.D	N.D	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
W 	A o C	900	1200	800	1275	1390	700	1300	1500	800	1300	1550
W 	AC	900	1200	800	1275	1440	700	1300	1630	800	1300	1700
W	B	900	1200	800	1275	1340	700	1370	1340	800	1400	1340
W	AB o BC	900	1200	800	1275	1390	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Z 	A o C	1000	1200	900	1375	1390	750	1400	1500	800	1400	1550
Z 	AC	1000	1200	900	1375	1440	750	1400	1630	800	1400	1700
Z	B	1000	1200	900	1375	1340	750	1470	1400	800	1500	1400
Z	AB o BC	1000	1200	900	1375	1390	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ZL 	A o C	1000	1400	900	1375	1590	750	1400	1700	800	1400	1750
ZL 	AC	1000	1400	900	1375	1640	750	1400	1830	800	1400	1900
ZL	B	1000	1400	900	1375	1540	750	1470	1550	800	1500	1540
ZL	AB o BC	1000	1400	900	1375	1590	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
EU 	A o C	1100	1400	900	1475	1590	800	1500	1700	900	1500	1750
EU 	AC	1100	1400	900	1475	1640	800	1500	1830	900	1500	1900
EU	B	1100	1400	900	1475	1540	800	1570	1540	900	1600	1540
EU	AB o BC	1100	1400	900	1475	1590	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
XM 	A o C	1200	1200	900	1770	1590	900	1600	1500	900	1600	1550
XM 	AC	1200	1200	900	1770	1640	900	1600	1630	900	1600	1700
XM 	B	1200	1200	900	1770	1540	900	1670	1600	900	1700	1450
XM 	AB o BC	1200	1200	900	1770	1590	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

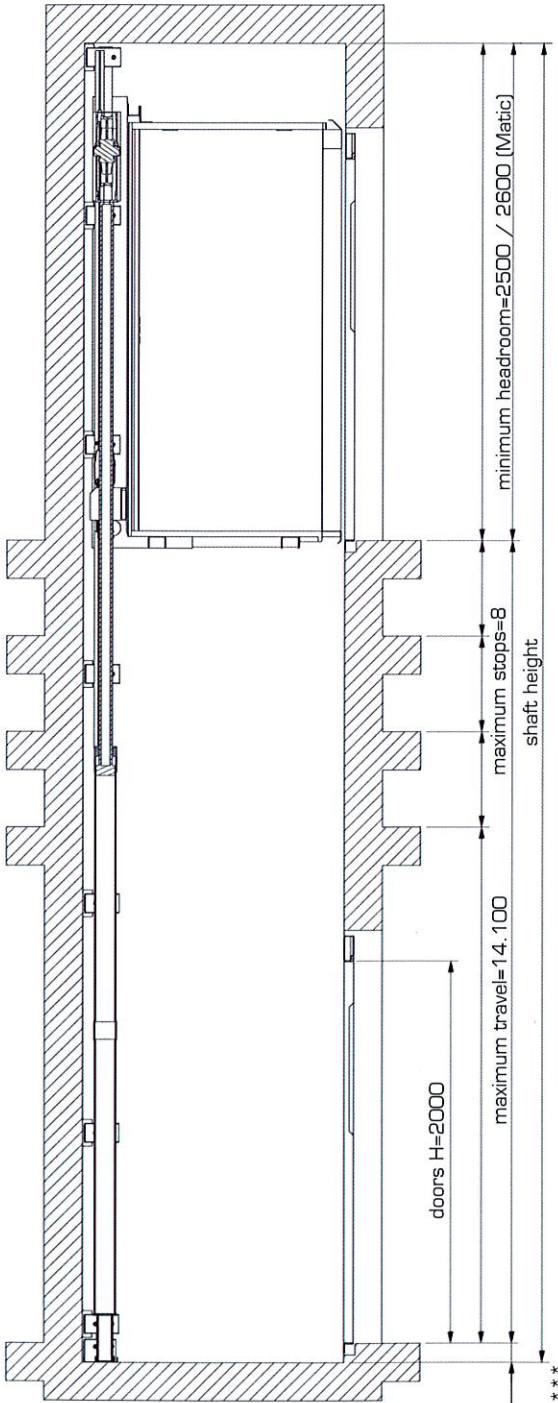
¹S model available only for Level MAP.
^{*}H = 2000 mm
Special dimensions available on request and after technical feasibility.
Daldoss is continuously developing and improving the Level range and reserves the right to alter specifications and dimensions without prior notice.

NB: for installations with structure supported frame add 100 mm to SW and SD dimensions.



Level Matic 4 panels			Level Matic 4 slim panels		
Doors * Automatic telescopic doors	Wall mounted		Doors * Automatic telescopic doors	Wall mounted	
DW	SW	SD	DW	SW	SD
650	1100	1100	650	1070	1100
800	1320	1500	800	1320	1470
800	1320	1630	800	1320	1580
800	1270	1340	800	1245	1340
700	1270	1500	700	1245	1470
800	1370	1500	800	1370	1470
800	1370	1630	800	1370	1580
800	1370	1340	800	1340	1340
700	1370	1500	700	1345	1470
900	1500	1500	900	1500	1470
900	1500	1630	900	1500	1580
900	1470	1500	900	1445	1500
750	1470	1500	750	1445	1470
900	1500	1700	900	1500	1670
900	1500	1830	900	1500	1780
900	1470	1540	900	1445	1540
800	1470	1700	800	1445	1670
900	1550	1700	900	1550	1670
900	1550	1830	900	1550	1780
900	1565	1550	900	1540	1550
800	1570	1700	800	1545	1670
900	1600	1500	900	1600	1470
900	1600	1630	900	1600	1580
900	1670	1500	900	1645	1500
800	1670	1500	800	1645	1470

^{*}H = 2000 mm
^{**}S model available only for Level MAP.
^{***}Pit varies depending on model, rated load and product line.





Installation in a condominium (Italy), structure supported frame painted with the same colour of the house and cladding in smoked glass.

Outdoor installation in a private house (Italy), white painted structure supported frame with glass cladding and roof. Thanks to the wide range of finishes Level can be installed in any kind of environment fully respecting nature.



Outdoor installation in a private house (New Zealand), structure supported frame in stainless steel and glass cladding. Level is the ideal solution to move people easily, even for short distances.

The other Daldoss products

A complete range of lifts for the vertical transport of goods and people

Daldoss can solve any problem in the vertical transport, thanks to its wide range of products, which are able to give the right solution both in residential and commercial applications. Daldoss now operates worldwide thanks to its distributors and partners, which guarantee an excellent after sale and maintenance service

with the highest quality levels. In addition to our employees, Daldoss makes use of many high level technical collaborations both with experts from research institutes and universities. Since the Company was launched, more than 150,000 units have been built and sold around the world.

Microlift®

The most versatile range of small electric service lifts, for goods only; with capacity ranging from 24 to 300 kg. Always with structure supported frame. It can be installed anywhere thanks to the modularity of the project. A wide range of options available. The best solution to move goods between floors in hotels, pubs, restaurants, clubs, offices, companies, warehouses and shops.



Microfreight® Classic - Microfreight® Plus

A complete range of freight lifts, for the transport of goods only or goods with an attendant. rated load from 500 to 1500 kg (1400 kg for Microfreight Plus model). It requires only a reduced pit or a small ramp. Always with structure supported frame for indoor installations, can be installed virtually anywhere. The ideal solution for warehouses, industries, supermarkets and other retail activities.



Easylife®

The compact hydraulic passenger lift mainly for residential buildings with capacity ranging from 180 kg to 550 kg and speed up to 0.5 m/sec. Available also with 200 mm pit, 2600 mm headroom and with structure supported frame both for internal and external applications. Lift can be equipped with automatic or semiautomatic doors, an ideal solution for existing buildings. The lift for the impossible spaces.



Certificates

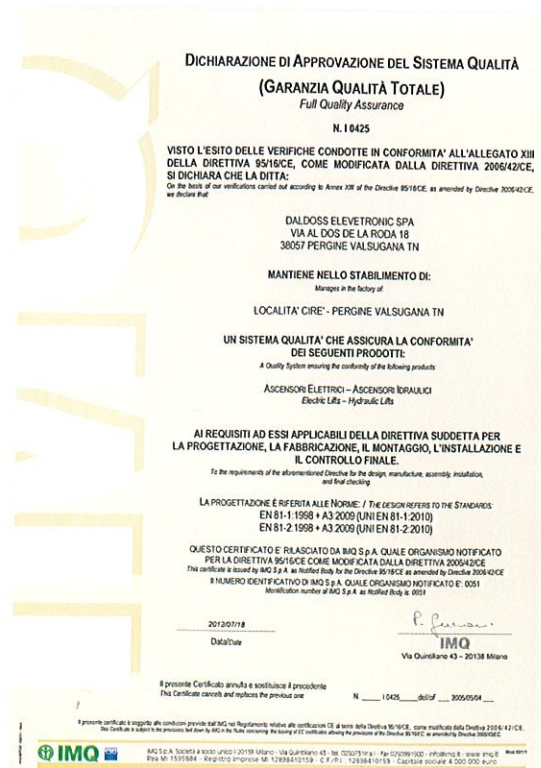
All Daldoss products are manufactured according to the Machinery Directive 2006/42/CE (freight lifts, service lifts and platform lifts), the Lift Directive 95/16/EC and complies with other international standards (for example Electromagnetic certificate 2004/108/CE). Daldoss is certified according to the standard UNI EN ISO 9001:2008.



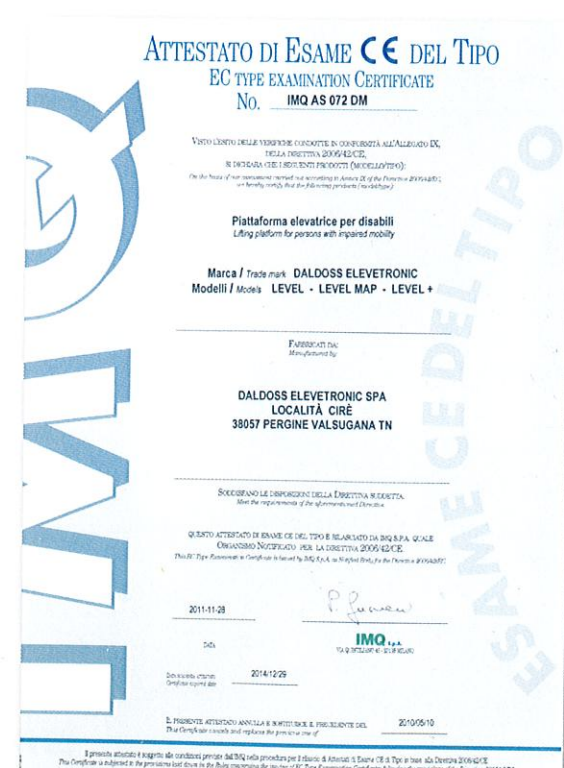
CSQ Company Certificate



IQNET Company Certificate



EC Certificate of Full Quality Assurance (electric and hydraulic lift)



Level Type Examination Certificate

Guarantees



Spare parts, maintenance and funding

Daldoss and its partners can provide a maintenance service covering the whole operational life of each lift.

One of the principal objective of a customer focused company is the establishing of a lasting business relationship with its Customers, based on mutual trust and satisfaction. For this reason, Daldoss

can provide the original spare parts for all Level models. Moreover, all the **Level** lifts are supplied with 12 months guarantee valid from the date of the shipping of the equipment.

Funding

The application of tax breaks a/o availability of funding for the purchase of machinery, such as the **Level** platform lift, necessary in order to guarantee access to public and private buildings by the disabled, must be verified with the relevant competent bodies.

