

DALDOSS

GOODS

MICROLIFT

EVOLUTION

microlift
evolution |

EFFICIENT

SMART

DESIGN

RELIABLE

Microlift Evolution Introduction

Daldoss Microlifts make light work of moving loads. When the **safe, efficient and repeated movement of goods is crucial** to a business we can help - protecting staff from the stresses and strains of manual handling.

Thousands of businesses worldwide rely on our Microlift to **make life easier**.

The Microlift Evolution is the latest version of this best-selling range, offering a compact shaft size, more options, smoother ride and improved energy efficiency.

The models:

24÷50: lift with capacity from 24 to 50 kg

100 ONE: lift with 100 kg capacity

Double Decker: 100 kg capacity lift, with double car for the separate transport of food, pharmaceuticals, "clean/dirty" loads. Available with combined floor doors: double guillotine for access to the upper car, hinged for the lower car.

a product certified by



daldoss microlift
evolution make light
work of moving loads

micro|ift
da|doss



Efficiently to run

Installing a dumbwaiter or service lift means you distribute goods quickly, efficiently and safely between any number of floors



Economical to run

Most of our models do not require a pit and come in their own structure supported frame, so they slot in almost anywhere and are economical to run





Personal Configuration

These small cargo lifts can be loaded at waist height or floor level, with a range of sizes and options to enable you to configure the service lift to suit your requirements

Entrance position

Choice of entrance arrangement with up to three entrance positions available on most models

Ideal for Ho.Re.Ca.

The soft start/stop feature of the Microlift is ideal for restaurants and ensures levelling accuracy

Easy installation

Installation only takes less than a couple of days and we can work around your business to minimise disruption

Finished options

Available in a choice of finishes, colours and options to create the perfect lift to match your needs



key benefits

Ho.Re.Ca.



Offices



Industry



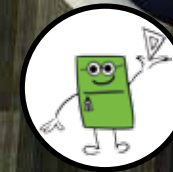
Shops & Businesses



Private Homes



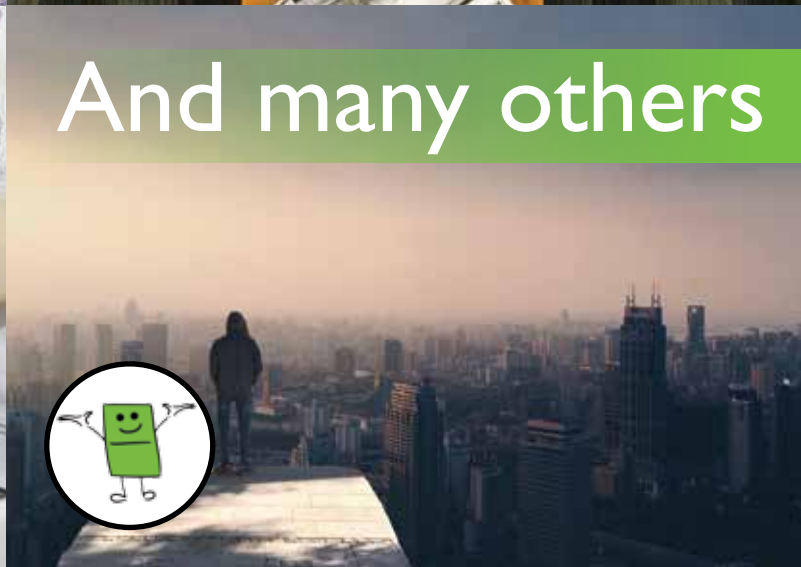
Designers & Installers



Health



And many others



Standard features

Rated load: from 24 to 1000 kg

Travel:
24÷50: Up to 12 stops over a 40m total travel distance (it may vary depending on model)
100 ONE: Up to 7 stops over a 22m total travel distance (it may vary depending on model)
Double Decker: Up to 5 stops over a 15m total travel distance

Speed:
24÷50: 0.45 m/s as standard
Adjustable speed from 0.35 m/s to 0.50 m/s
100 ONE e Double Decker:
0.27 m/s as standard
Adjustable speed from 0.21 m/s to 0.30 m/s

Headroom:
24÷50: min 1550 mm for hinged doors with 800 mm car height and floor level serving
100 ONE: min 1600 mm for hinged doors with 800 mm car height and floor level serving (it may vary based on lift configuration)
Double Decker: 2610 mm for hinged doors with car height 800+800 mm and floor-level serving. Minimum 2410 mm with car height 800 +600 mm

Power supply: 100÷240 V single phase
50/60 Hz

Rated power: 600 W (750 W overload)

Pit:

24÷50: No pit required with 800 mm car height.
150 mm pit for hinged doors (floor-level serving).
Optional 590 mm pit for hinged doors (floor-level serving) with safety gears installed.

100 ONE: No pit required with 800 mm car height.
170 mm pit for hinged doors (floor-level serving).
Optional 590 mm pit for hinged doors (floor-level serving) with safety gears installed.
Special models available on request, fitted with safety gear and 170 mm pit (capacity 80 kg and car depth reduced of 150 mm on equal structure dimension of standard models).
Double Decker: 170 mm pit.
Optional 590 mm pit for hinged doors (floor-level serving) with safety gears installed.

Norm and regulations:

- Machine Directive 2006/42/EC
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU
- EN 81-3 "Safety rules for the construction and installation of lifts Part 3: Electric and hydraulic service lifts"

s t a n d a r d
f e a t u r e s

Safety

Ropes-presence sensors granting an immediate system block in case of anomalies.

Lighting of the machine room to grant an adequate field of vision during maintenance operations.

Pre-assembled components, ergonomic and lighter for ease of handling.

Speed of Installation

Structure supported frame for fast installation free from masonry works.

Structure with patented joint system made of simple elements, light in weight and intuitive installation.

Electrical connections fully pre-wired and polarized.

Installation is typically 1-2 days, depending on site conditions and lift configuration

New Materials

Pushbutton with membrane buttons, robust and sprinkles-resistant.

Crystal car shelves (options).

Option of customizable Client logo on pushbutton.

Aesthetics and Finishes

Option to complete structure cladding (flush face) with various materials, i.e.: steel plate, glass, etc., as well as colors.

Satin AISI 304 Stainless steel car lift and landing doors or Anthracite Grey baked enamel RAL 7016.

Pushbutton of new design, modern and functional.

Landing bi-parting door with windows optional.

Landing door MV single-panel sliding vertically upwards that can be fitted also for floor-level serving.

Outer door frames and landing doors to joint with structure cladding.





Technology and Innovation

High-efficiency, compact and light Drive Unit, maintenance free, ensures soft and accurate leveling of the car at floor.

Easy to install Control Unit, programmable to suit the Client's needs, Daldoss' proprietary electronics and software, able to execute a detailed diagnostic.

Self-learning system and floor recognition able to calibrate the car stop position directly from the floor pushbuttons.

LED technology car illumination allowing energy saving and optimal field of vision.

Floor protection password that can be set and keyed from the pushbutton. (optional)

AUTO Mode can be set to move the car in between floors just by closing the floor door without using the pushbutton.

RESERVED Mode can be set to call, reserve and send the car to a destination floor with one command.

Key lock for mechanical block of the landing door (option).

Adaptability

Standard pit and headroom reduced to the minimum.

Up to 3 entrances to the car using the hinged doors and/or bi-parting doors.

Reduced lift encumbrance, facilitating installation in existing shafts.

Lift can be anchored to the building even on one side only.

Lift can also be installed outdoors and/or with headroom free from anchoring points. (up to 50kg capacity only).

Height adjustable structure feet for an optimal leveling of the lift.

Optionals



Hinged door



Hinged door fire resistant
EI 90/120 (EN 81.58)



Landing Bi-parting door
with windows



Landing door MV single-panel
sliding vertically upwards
(can be fitted also
for floor-level serving)



Double Decker model:
Double cabin
for separate transport



Car bi-parting door



Bi-parting opening/closing
operation paired



Adjustable and removable
additional shelves in stainless steel.
Car prearranged for multi-shelf set



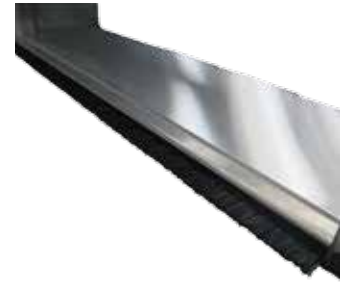
Tempered glass shelf



Sliding shelf
(capacity 12 kg)



Car heating system
with thermostat



Car sill profile with brush



Drop bar



Customizable Client logo
on pushbutton



Intercom system



Car load weighing device
(standard for 100 ONE and
Double Decker models)

o p t i o n a l



Car and/or counterweight safety gear set (only for 50kg load)



Power supply cabinet



Telescopic final angular uprights smart structure



Pit access ladder



Shaft lighting fixed with special clips on the uprights structure



Machine room door



Cladding panels in galvanised steel or baked enamel or stainless steel



Clear glass (safety) clad lift structure ⁽¹⁾



Device adjustment door installation



Maintenance pushbutton



Daldoss Human Machine Interface (module DHMI) to intuitively manage the lift configuration ⁽²⁾



Daldoss Microlift Manager (DMM) maintenance ⁽²⁾



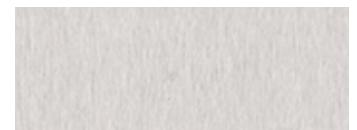
Daldoss Microlift Manager (software DMM) for PC ⁽²⁾



Daldoss Microlift Manager (software DMM) for Android APP for mobile ⁽²⁾



Choice of different RAL baked enamel finishes and colours of structure, car and doors



Satin AISI 316 stainless steel



Stainless steel scratch-resistant

⁽¹⁾ Option available for models with capacity up to 50Kg
⁽²⁾ Option currently available for models with capacity up to 50 kg

features

Dimensions of structure, car and landing doors of standard models (mm)

Model	Rated Load (kg)	Structure ⁽¹⁾			Car			Landing doors				Head room min.
		Width SW	Depth SD	Width CW	Depth CD	Height CH	Width DW		Height DH		Serving height ⁽²⁾	
							A-C	B	Door	Gate ⁽³⁾		
DD	24/50	500	710	320	510	800	320	ND	800	775	800	1550
DL	24/50	610	790	420	550	800	420	320	800	775	800	1550
39/5	24/50	710	650	520	420	800	320	420	800	775	800	1550
NR	24/50	710	750	520	520	800	420	420	800	775	800	1550
41/5	24/50	710	750	520	520	1000	420	420	1000	975	800	1750
1/5	24/50	710	850	520	620	800	520	420	800	775	800	1550
3/5	24/50	710	950	520	720	800	620	420	800	775	800	1550
4/5	24/50	710	950	520	720	1000	620	420	1000	975	800	1750
42/5	24/50	810	650	620	420	800	320	520	800	775	800	1550
5/5	24/50	810	750	620	520	800	420	520	800	775	800	1550
MG	24/50	810	850	620	620	800	520	520	800	775	800	1550
48/5	24/50	810	850	620	620	1000	520	520	1000	975	800	1750
7/5	24/50	810	950	620	720	800	620	520	800	775	800	1550
50/5	24/50	910	650	720	420	800	320	620	800	775	800	1550
13/5	24/50	910	750	720	520	800	420	620	800	775	800	1550
17/5	24/50	910	850	720	620	800	520	620	800	775	800	1550
21/5	24/50	910	950	720	720	800	620	620	800	775	800	1550
22/5	24/50	910	950	720	720	1000	620	620	1000	975	800	1750
29/5	24/50	1010	850	820	620	800	520	720	800	775	800	1550
33/5	24/50	1010	950	820	720	800	620	720	800	775	800	1550
34/5	24/50	1010	950	820	720	1000	620	720	1000	975	800	1750
MGS	100	810	850	620	620	800	520	520	800	775	800	1600
11/10	100	810	1050	620	820	800	720	520	800	775	800	1600
54/10	100	910	950	720	720	800	620	920	800	775	800	1600
MGT	100	910	950	720	720	1000	620	620	1000	975	800	1800
23/10	100	910	1050	720	820	800	720	620	800	775	800	1600
24/10	100	910	1050	720	820	1000	720	620	1000	975	800	1800
37/10	100	1010	1050	820	820	800	720	720	800	775	800	1600
38/10	100	1010	1050	820	820	1000	720	720	1000	975	800	1800
MDL1	100	1010	1050	820	820	1200	720	720	1200	1175	800	2000 ⁽⁴⁾
104/10	100	1110	1050	920	820	1200	720	820	1200	1175	800	2000 ⁽⁴⁾
110/10	100	1190	950	1000	720	1200	620	900	800	1175	800	2000 ⁽⁴⁾
Double Decker												
T-MGS	100	810	850	620	620	800+800	520	520	800	775	800	2610 ⁽⁵⁾
T-54/10	100	910	950	720	720	800+800	620	620	800	775	800	2610 ⁽⁵⁾
T-37/10	100	1010	1050	820	820	800+800	720	720	800	775	800	2610 ⁽⁵⁾

Different dimensions available on customer request

Daldoss Elevetric SpA reserves the right to make changes to the characteristics and dimensions of the models in the catalogue, in compliance with statutory legislation, without prior notice to the customer.

Specifications and data sheets giving further technical information are all available.

Please get in touch on

telephone +39 0461 518611

mail sales@daldoss.com

Note:

⁽¹⁾ Net external dimensions of structure, with glass cladding please allow an extra 30 mm to each side (face) of the lift shaft where glass is required.

⁽²⁾ Hinged doors: Floor level serving is available with minimum 150 mm pit for capacity up to 50 kg and of 170 mm for capacity up to 100 kg.

Bi-parting doors: 700 mm minimum serving height.

Bi-parting doors with windows and DH=775 mm: 800 mm minimum serving height.

⁽³⁾ Quotes related to biparting door. Contact us for single vertical panel.

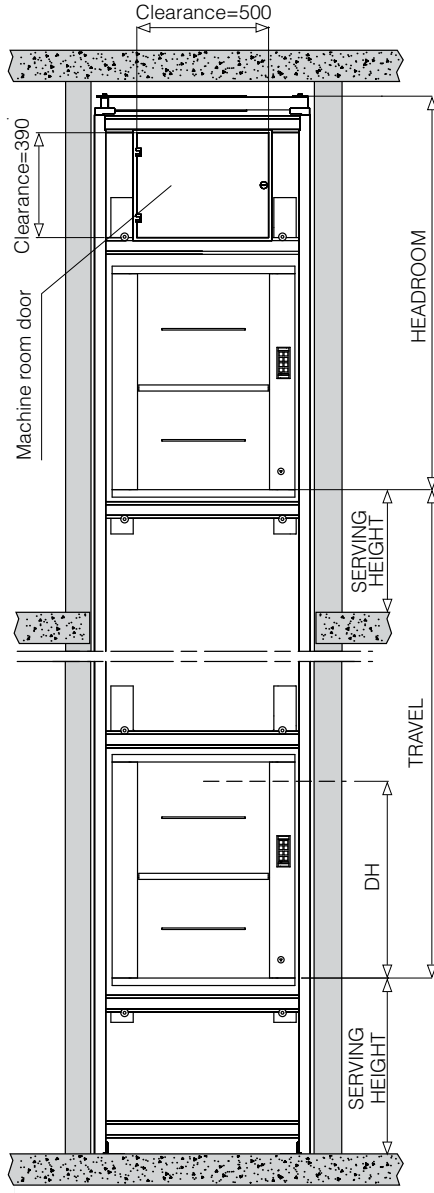
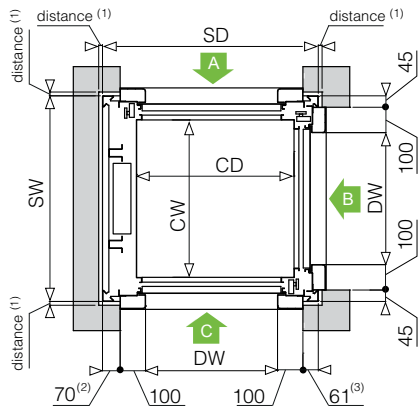
⁽⁴⁾ With hinged door. With biparting door minimum headroom 2160 mm.

⁽⁵⁾ Headroom lowered to 2410 mm with car height 800+600 mm.

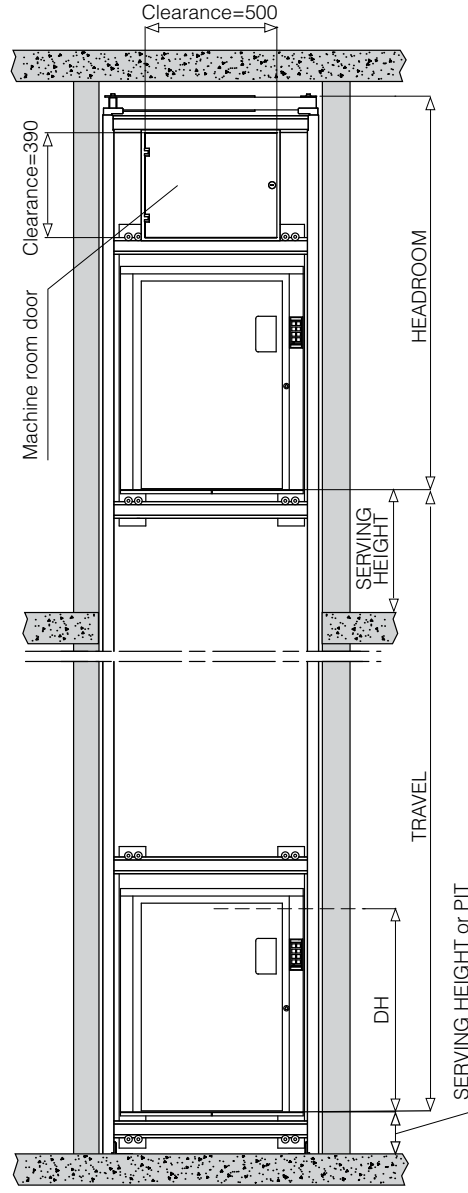
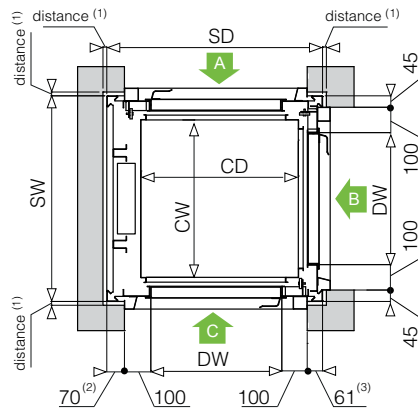
standard models

Drawings

BI-PARTING DOORS



HINGED DOORS



(1) To fix the structure to the building wall we supply: spacers for distances from 0 to 16 mm / and brackets for distances from wall from 0 to 36 mm. (up to 50kg capacity only).

(2) Model DD=120 Model DL=105

(3) Model DD=71 Model DL=66



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Torino ITALY



UK Pavilion Expo
Milano ITALY



The Charm Boutique Hotel
Brighton UNITED KINGDOM



Paninoteca Schiaccia
Brescia ITALY



case studies

Let us help you...

At Daldoss we simply try to make life easier for our customers and users of our lifts. Our experienced staff can assess your individual needs and advise on the ideal lift product - working with you through to installation of your lift.



Quality
Management
System ISO 9001



Structural Steel
CE Marking EN 1090-1
class EXC2

daldoss
design

Daldoss Elevetronic Spa



Do you
want more
information?



Daldoss Eleveltronic Spa

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