



CEDAS SMARTLOAD
Goods only lift



CEDAS SMARTLOAD PRO
Goods lift with attendant

CEDAS SL:

the high performance goods only lift

CEDAS SL is a goods lift of up to 2000kg rated load, specially designed for use in buildings with high turn-over and movement of goods between floors - such as shopping centres, department stores, hypermarkets and industrial installations like warehouses, stores, factories, logistic companies etc..

CEDAS SL is a sophisticated and reliable high-performance machine, far superior to the standard platforms and goods lifts on offer.

Wide range of options available

CEDAS SL is available with load capacities of 500, 1000, 1500 or 2000kg, with a full range of lift car configurations available for each model. Over and above our wide-ranging selection of standard solutions, CEDAS can also design the exact made-to-measure CEDAS SL which you and your business need, adapting it to your precise specifications.

Flexible and straightforward installation

CEDAS SL installation is designed to cause the minimum disruption to the day-to-day operation of your business, and does not require messy on-site building work. CEDAS SL requires no extra space at all for its installation. No major construction work is necessary inside your building: the CEDAS SL comes with its own freestanding modular structure, fully capable of bearing the weight of the whole system.

Rapid installation

CEDAS SL installation is very fast: just ten weeks after signing the order, your CEDAS SL will be in place and ready to start work.

No machine room, no pit and no shaft headroom

CEDAS SL requires no machine room, no shaft headroom and no pit - everything needed for its effective operation is housed within its freestanding structure, including a 100mm shaft pit.

Energy-efficient

CEDAS SL will reduce your operating costs: its energy consumption is significantly lower than that of conventional lift platforms.

Simple and safe to use

Transporting goods with CEDAS SL is very straightforward and completely safe for the operative.

Durability and high performance

CEDAS SL is a long-lasting installation designed to work intensively, reliably and efficiently over many years. It is a robust goods lift, equipped with sturdy and hard-wearing lift cars which guarantee the safe transport of goods. Many different options are available to adapt each CEDAS SL to your particular needs: in-car buffer rails and kick plates, hard-wearing floor finishes in aluminium or steel chequer plate, manual shutter gates, picket gates...



CEDAS SL is a lift designed **exclusively for goods transport** and is fully compliant with the EC Machinery Directive 2006/42/EC.

The CEDAS SL is not a passenger lift: no person should travel in the lift with the goods.

CEDAS SL PRO

the specialist goods lift
with attendant

CEDAS SL PRO has been designed by applying special modifications to our best-seller CEDAS SL goods only lift specifically oriented to allow one or two competent attendants to accompany the freight safely and easily:

- The lift car has been equipped with a car operation panel which incorporates a constant pressure push button and emergency stop switch. The car operation panel can be equipped with a position display and voice synthesizer as an option.
- To switch on the attendant mode, a key switch has been included in the lift car to allow the attendant to operate the lift from inside the car.
- The lift can also be controlled by an automatic operation at landing.
- The attendant's security is fully guaranteed by a category 2* full height light ray installed in the car entrance. The landing doors are supplied with vision panels to ensure total visibility. The lift also incorporates an alarm in case of entrapment and it can be equipped with a telephone as an option.
- CEDAS SL PRO has all the advantages of the original CEDAS SL plus some improvements specifically oriented to make it the absolutely best good lifts with attendant of the market.





CEDAS SL PRO is a solution for moving heavy goods accompanied with one or two competent attendants.

Fully compliant with the EC Machinery Directive 2006/42/EC.

Standard specifications

CEDAS SL

<i>Rated Load</i>	500, 1000, 1500, 2000kg
<i>Speed</i>	0.15m/s, 0.3m/s, 0.6m/s
<i>Drive system geared traction machine</i>	VVVF speed regulator
<i>Power supply</i>	3-phase 380-400-415 Vac
<i>Installation</i>	Freestanding modular structure. RAL 5017 Blue. Anchoring the structure to each floor is recommended. (Other RAL options available on request)
<i>Lift car</i>	Built in steel plate, finished in RAL 1003 Yellow. <ul style="list-style-type: none"> • Floor finish in steel plate, Checkered Aluminum / metal sheet • Direct fluorescent lighting Other finishes available upon request.
<i>Entrance configuration</i>	Single or open through at 180°
<i>Landing doors</i>	Manual single or double hinged with window. Finished in epoxy painted steel. RAL 1003 Yellow. UNE EN 81-58:2004 E120
<i>Lift car door</i>	The standard model is supplied without car doors
<i>Height of structure</i>	Max. 15m
<i>Travel</i>	Max. 12m
<i>Number of levels</i>	Max. 4 levels
<i>Guides length</i>	5m
<i>Minimum travel between floors with same entrance</i>	2150mm (1800 car height + 350mm)
<i>Minimum travel between floors with different entrance (0 and 180)</i>	350mm
<i>Minimum headroom</i>	Lift car internal height + 700mm
<i>Minimum structure headroom</i>	Lift car internal height + 600mm
<i>Pit</i>	The standard package is supplied with a 200mm pit incorporated into the structure. (Based on the capacity)
<i>Traction</i>	Gearbox with 1 brake Electromechanical
<i>Control system</i>	APB call and send lift control system from landings
<i>Landing operating panel</i>	<ul style="list-style-type: none"> • Push buttons with led • Emergency stop push button
<i>Shaft lighting</i>	Direct fluorescent lighting
<i>Lift car internal height</i>	1800, 1900, 2000, 2100, 2200mm
<i>Lift car width</i>	From 1000mm to 2000mm in 100mm increments
<i>Lift car depth</i>	From 1000mm to 2000mm in 100mm increments
<i>Minimum necessary lift shaft width</i>	Lift car width + 470mm
<i>Minimum necessary lift shaft depth</i>	Lift car depth + 260mm

CEDAS SL PRO

<i>Rated Load</i>	500, 1000, 1500, 2000kg
<i>Speed</i>	0.15m/s, 0.30m/s, 0.60m/s
<i>Drive system geared traction machine</i>	VVVF speed regulator
<i>Power supply</i>	3-phase 380-400-415 Vac
<i>Installation</i>	Freestanding modular structure. RAL 5017 Blue. Anchoring the structure to each floor is recommended.
<i>Lift car</i>	<p>Built in steel plate, finished in RAL 1003 Yellow.</p> <ul style="list-style-type: none"> • Floor finish in steel plate, Aluminum or metal checkered sheet • Direct fluorescent lighting • Galvanized car roof • Car operating panel. Floor push buttons, attendant key switch, alarm button, stop switch • Performance Level C certified light curtain system according to EN ISO 13849-1. Cat.2 <p>Other finishes available upon request</p>
<i>Entrance configuration</i>	Single, or open through at 180°
<i>Landing doors</i>	Manual single or double hinged with window. Finished in epoxy painted steel. RAL 9005 Black. UNE EN 81-58:2004 E120
<i>Lift car door</i>	The standard model is supplied without car doors
<i>Height of Structure</i>	Max. 15m
<i>Travel</i>	Max. 12m
<i>Number of levels</i>	Max. 4 levels
<i>Guides length</i>	5m
<i>Minimum travel between floors with same entrance</i>	2150mm (1800 car height + 350mm)
<i>Minimum travel between floors with different entrance (0 and 180)</i>	350mm
<i>Minimum headroom</i>	Lift car internal height + 700mm (+ 750mm for 1500kg and 2000kg)
<i>Minimum structure headroom</i>	Lift car internal height + 600mm (+ 650mm for 1500kg and 2000kg)
<i>Pit</i>	The standard package is supplied with a 200mm pit incorporated into the structure. (As per the capacity of the lift)
<i>Traction</i>	Gearbox with 2 brakes
<i>Control System</i>	call and send lift control system from landings. Single touch lift control in car. (key switch to select operation mode)
<i>Landing operating panel</i>	<ul style="list-style-type: none"> • Push buttons with led • Emergency stop push button
<i>Shaft lighting</i>	Direct fluorescent lighting
<i>Lift car internal height</i>	1800, 1900, 2000, 2100, 2200mm
<i>Lift car width</i>	From 1000mm to 2000mm in 100mm increments.
<i>Lift car depth</i>	From 1000mm to 2000mm in 100mm increments.
<i>Minimum necessary lift shaft width</i>	Lift car width + 470mm
<i>Minimum necessary lift shaft depth</i>	Lift car depth + 260mm
<i>Unintended car movement protection</i>	The standard model is supplied with Unintended car movement protection means

Door options



Lift landing doors: manual (standard)



Lift landing folding doors: manual shutter gates



Lift car folding doors: manual picket gates



TECHNICAL SUPPORT

- We provide our customers with detailed and comprehensive technical support (both electrical and mechanical) tailored to their particular requirements during installation and/or maintenance operations.
- In real time, in english and with real highly-qualified personnel.
- We look after the products' full life cycle.



SPARE PARTS AVAILABLE

- The **CEDAS SL** and the **CEDAS SL PRO** have been designed in-house and we produce them in our own factories.
- As original designers and manufacturers, we can supply spare parts for all our units all of which are easily traceable using the lift reference number, the plan reference number, the control system reference number - not to mention the site address.
- We have a permanent spare parts stock and we can send them from our factory in a fast and secure way.



CEDAS SMARTLOAD

Optional extras

Access ramp

2 options:

- Painted metal sheet RAL 5017 Blue
 - Aluminum checker sheet finish
-

Guides length

2.5m

Landing doors

- **Manual folding shutter gates**
2 hour fire resistance in accordance with BS EN1634-1
- **Manual single or double hinged with window**
Finished in stainless steel AISI314.
UNE EN 81-58:2004 E120
- **Manual single or double hinged with window.**
Finished in stainless steel AISI316.
UNE EN 81-58:2004 E120
Fully Automatic doors

Car doors

Manual picket gates, with or without electrical interlock
Fully Automatic Doors

Car roof

Galvanized metal sheet

Car floor

A choice of:

- Rubber
 - Aluminum checker plate
 - Steel checker plate
-





Unintended car movement protection means

In-car buffer rails and kick plates

- Wood
 - Stainless steel
 - PVC
-

Push buttons

Keyed push buttons

“Out of Service” function

Key switch to block CEDAS SL use

Lift car

Direct LED lighting

Ladder

Ladder with supports to access the rescue hatch.

Installation kits

Assembly tools are available both for the mechanical system and for the modular structure.

- **A Type**

Where the clear space above the modular structure is over 500mm

- **B Type**

Where the space above is less than 500mm and the lift car depth less than or equal to 1500mm

- **C Type**

Where the space above is less than 500mm and the lift car depth is greater than 1500mm

- For the structure. Installation platforms.
-

CEDAS SMARTLOAD PRO

Optional Extras

Access ramp

2 options:

- Painted metal sheet RAL 5017 Blue
 - Aluminum checker plate finish
-

Guides length

2.5m

Landing doors

- **Manual folding shutter gates**
2 hour fire resistance in accordance with BS EN1634-1
- **Manual single or double hinged with window**
Finished in stainless steel AISI314
UNE EN 81-58:2004 E120
- **Manual single or double hinged with window**
Finished in stainless steel AISI316
UNE EN 81-58:2004 E120
Fully Automatic Telescopic / Center Opening Door

Car doors

Manual picket gates, with electrical interlock
Fully Automatic Telescopic / Center Opening Door

Car floor

A choice of

- Rubber
 - Aluminum checker plate
 - Steel checker plate
-

In-car buffer rails and kick plates

- Wood
 - Stainless steel
 - PVC
-





Push buttons

Keyed push buttons

“Out of Service” function

Key switch to block CEDAS SL PRO use

Lift car

- Direct LED lighting
 - Car light timer
 - Hand rail
 - Stainless steel
 - Painted
-

Ladder

Ladder with supports to access the rescue hatch

Installation kits

Assembly tools are available both for the mechanical system and for the modular structure

- **A Type**

Where the clear space above the modular structure is over 500mm

- **B Type**

Where the space above is less than 500mm and the lift car depth less than or equal to 1500mm

- **C Type**

Where the space above is less than 500mm and the lift car depth is greater than 1500mm

- For the structure. Installation platforms.
-

Firemen operation function

When it is switched on, the lift will go to the evacuation floor.

Intercom between Car operating panel and control panel

Autodialer

- In car operating panel
 - Inductive loop
 - Bottom car telephone module
-





Building Management System with alarm push button and position

Voltage free contacts

Alarm push button

- Pit
- On the top of the car

1 hour emergency car light

Voice synthesizer

Car operating panel engraving

- Logo
- Lift reference plate/CE mark
- Telephone instructions

Landing operating panel options

- Logo engraving
- 3" LCD Vertical display
- Keypad

Pushbuttons options

- M10
- US91



BCA1

BCA2

Car operating panel options

- BCA1
150mm width x 585mm height x 2mm depth.
5,90 inches width x 23.03 inches height x 0,08 inches depth.

- BCA2
175mm width x 585mm height x 780mm depth.
6,89 inches width x 30,71 inches height x 0,98 inches depth.



The geared traction motor is housed in the upper part of the modular structure, removing the need for a separate machine room.



The inside of the lift car is finished with coated steel sheeting and is very durable and hard-wearing. Further car wall protection is available in the form of buffer rails and kick plates.



The freestanding modular structure incorporates a 100mm/200mm shaft pit, requiring a straightforward loading ramp. As an alternative, a 100mm/200mm pit can be built below the structure.



Caution Ramp



Dimensions guide

Both **CEDAS SL & CEDAS SL PRO** are designed to take maximum advantage of the available space and optimise its productive use.

NOTE: The widths and depths available are entirely independent of each other. Any depth can be combined with any width across all the rated load capacities.

In the case of a fully enclosed lift shaft: at the terminal landing there must be 600mm clearance above the door opening to allow access to the maintenance trapdoor. On the other floors, the structural opening must be at least the lift car headroom + 180mm.

Installing CEDAS SL materials lift involves no complicated building works. Where your building/factory/warehouse project has limited or awkwardly dimensioned space for the installation of the lift system, we can design made to measure models which will perfectly suite your needs. Our engineering department will carry out a detailed study and come up with an attractive and effective solutions specifically tailored to the particular on site conditions. We can manufacture lift cars to the required dimensions, provide a double entrance configuration with doors of different designs and widths and incorporate any other adaptations required to suit non standard dimensions.



LIFT CAR					STRUCTURE	SHAFT
Width	Entry Clearance			Car internal height	Width	Width
	No lift car door		Manual folding picket gate			
	Manual Shutter gate	Outswing				
1000	805	900	805	Car height	1404	1470
1100	905	1000	890	Car height	1504	1570
1200	1005	1100	970	Car height	1604	1670
1300	1105	1200	1070	Car height	1704	1770
1400	1205	1300	1155	Car height	1804	1870
1500	1275	1400	1235	Car height	1904	1970
1600	1375	1500	1335	Car height	2004	2070
1700	1475	1600	1420	Car height	2104	2170
1800	1575	1700	1500	Car height	2204	2270
1900	1650	1800	1600	Car height	2304	2370
2000	1750	1900	1685	Car height	2404	2470

LIFT CAR			ESTRUCTURE	SHAFT	STRUCTURE	SHAFT
Depth	Entry clearance				Depth	Depth
	SINGLE ENTRANCE		OPEN THROUGH			
	Manual shutter gate	No gate	Manual folding picket gate	No gate		
1000	850	950	800	1000	1120	1180
1100	950	1050	900	1100	1220	1280
1200	1050	1150	1000	1200	1320	1380
1300	1150	1250	1100	1300	1420	1480
1400	1250	1350	1200	1400	1520	1580
1500	1350	1450	1300	1500	1620	1680
1600	1450	1550	1400	1600	1720	1780
1700	1550	1650	1500	1700	1820	1880
1800	1650	1750	1600	1800	1920	1980
1900	1750	1850	1700	1900	2020	2080
2000	1850	1950	1800	2000	2120	2180



CEDAS ELEVATORS & FABRICATION LLC

P.O. Box: 8190, AJMAN, UNITED ARAB EMIRATES

(+971) 6 743 7667 **Fax:** (+971) 6 748 4131 **Mail:** sales@cedas-uae.com

www.cedas-uae.com



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