



## Lift with machineroom

Above or below the shaft

180/300/450/630/1000 kg

COMPLETE LIFTS



SODIMAS (Société de Distribution de Matériel d'Ascenseur) was established as a family business in 1975, and has become France's foremost independent manufacturer of lift equipment. Today its products are distributed to around forty different countries throughout the world.

SODIMAS has developed and diversified its component sales business, and is now a designer, manufacturer and distributor of lift equipment. The company uses its know-how and expertise to manufacture complete lift systems for new buildings, replace older equipment, and modernise existing lifts while ensuring that all parts are compliant.

The company has an innovative research and development department, which is able to adapt to the most advanced technologies. All products are manufactured in France, either by the SODIMAS Group or under licence in partnership with major component manufacturers.

Through its technical sales team, its design office and its logistic department, SODIMAS has resolutely focused its strategy on customer service. Its teams are trained in lift equipment technology and current regulations, allowing them to offer advice and meet the specific needs of lift installers, architects and property developers...

## Why choose SODIMAS ?

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- ↗ A company dedicated to innovation and technical expertise
- ↗ Thorough knowledge of applicable standards and legislation
- ↗ An independent strategy enabling reactivity and reliability over time
- ↗ Standard and non-standard products, offering an unlimited range of equipment
- ↗ Priority given to customer service and support

# The range with machine-room from SODIMAS

Ideal for the replacement or the la creation of a lift, the range with machine room from Sodimas has been specially made and designed for your existing environment. It presents all the flexible product for the modernization of a lift or the replacement of an existing one.

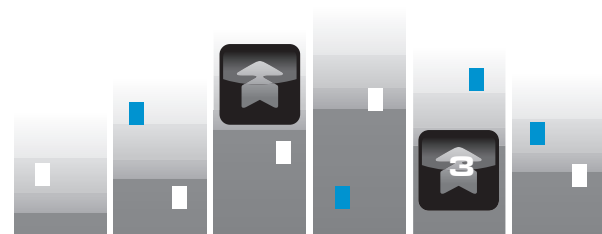
This traditional SODIMAS range will modernize all your old installation due to the concentration of new technologies.

All lifts are complying to all different standard and new regulation applying to the lift industry :

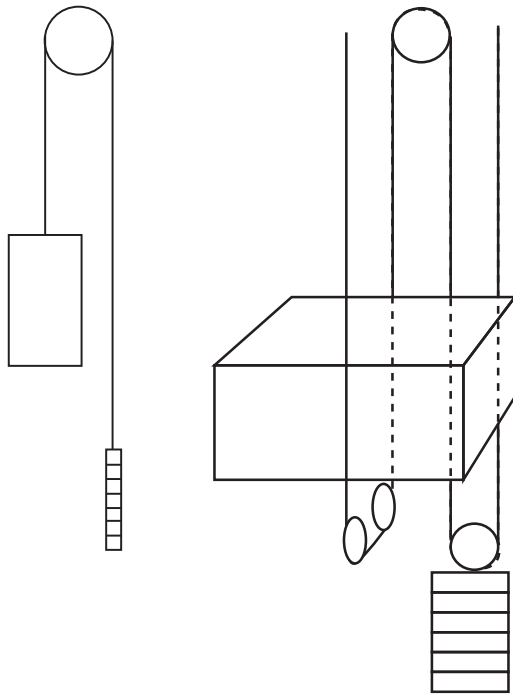
- ✓ Lift Directive 95/16/CE
- ✓ EN 81-1/1 standard + A3 amendment
- ✓ EN 81-70 accessibility standard
- ✓ EN 81-21 standard for existing buildings
- ✓ EN 81-71 vandal resistant standard
- ✓ Etc....

## Key figures

	New and existing buildings
Load	180 to 1000 kg
Nominal speed	1 m/s (1,6 m/s consult us)
Starting per hour	240
Rise maxi	80 m
Capacity	2 to 13 persons
Access	Single or double
Car area	0,58 to 2,4 m <sup>2</sup>
Power supply	Three phase 400 V + neutral
Doors	Automatics or manuals



# A range of lifts bringing



Suspension 1:1

Suspension 2:1

## An optimization of your lift following your need

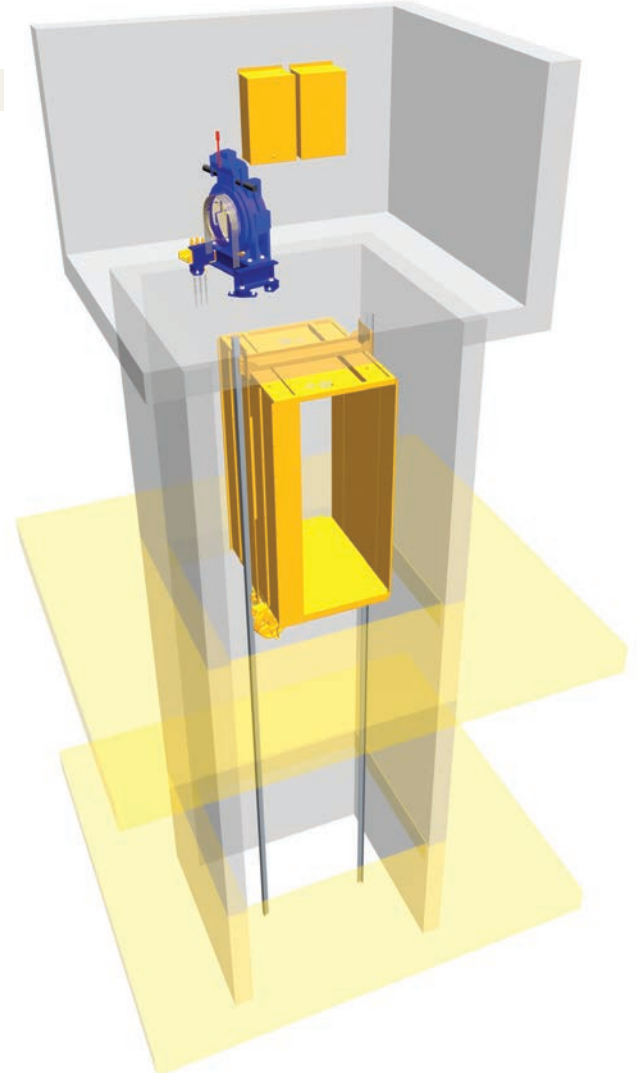
In steel shaft structure or concrete shaft, the lift with machine room made by Sodimas goes in all configuration.

Adaptability and flexibility are the main advantages.

- ↗ Suspension 1 :1 **or** 2 :1
- ↗ Machine room above **or** below
- ↗ Synchronous machine **or** Gearless
- ↗ NG240 controller **or** Quick Install
- ↗ Automatic **or** manual landing door

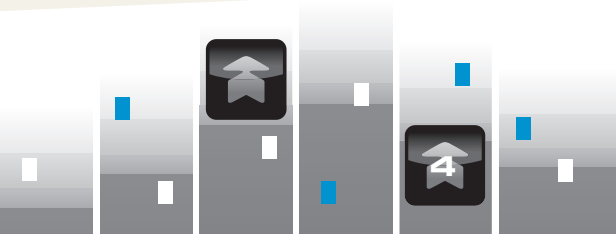
## A minimum space requirement

The lift with machine room from SODIMAS uses the minimum sizes for any installation.  
For example, a lift of 300 kg 1:1 suspension machine room above will fit in a 550 mm pit and 2450 mm headroom (with landing swing doors).



## Advantages

- ↗ Perfect integration in your building
- ↗ A product to suit any configuration



# new technologies together

## A Gearless machine GL serie

Today, the technologic solution SODIMAS motorisation is composed of 3 elements :

↗ The machine without gearbox, called "Gearless" : the traction pulley of the car being directly motorized and fitted with a brake

↗ The synchronous motor with permanent magnets

↗ The drive and control of the motor speed through a 3VF inverter

Other possibility : Synchronous traction machine  
Balanced or drum (following working load)



### Advantages

- ↗ High output, low consumption
- ↗ Noise disturbance eliminated
- ↗ Optimization of the energy consumption
- ↗ Small and compact machine room
- ↗ Comfort and stop accuracy

## Quick Install, a new pre-cabled electrical solution for lift systems

With its microprocessor, offering both high power and fast processing capability, and a real-time operating system, Quick Install is a true technological hub.

Its two additional CANopen buses optimise the performance needed for the control and permanent flow of information from all of your lift's peripherals, regardless of its configuration.

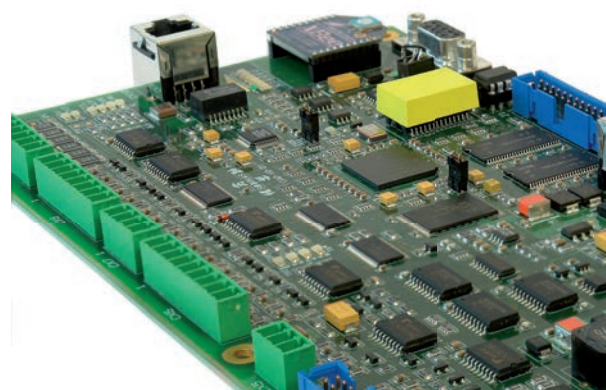
Quick Install also benefits from the universal MoBee® interface (secure ZigBee transmission standard) for real-time access to all functions from all areas of the lift, enabling levels to be adjusted from inside the lift car, for example.

Other SODIMAS electrical solution : the NG240 controller



### Advantages

- ↗ Quick and easy installation
- ↗ Immediate activation
- ↗ Optimal energy efficiency
- ↗ Reliability you can trust



# Eco performance



## 1 - The car

All lift cars in the SODIMAS range are fitted with **LED lights**, which are less energy-hungry and have a longer service life.

## 2 - Motorization

↗ First, gearless traction machines do not use lubricant, as permanently greased bearings are used to turn the drive pulley.

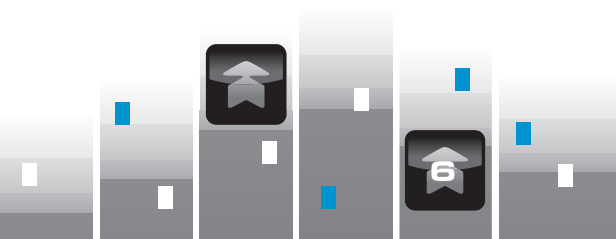
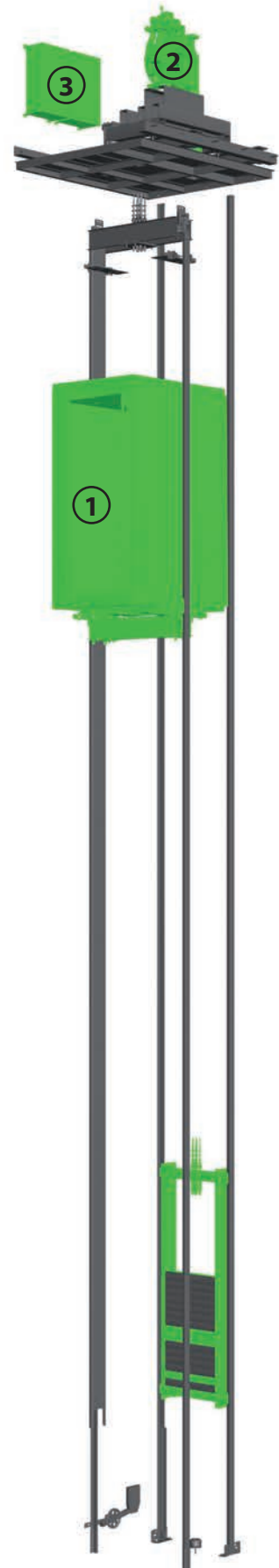
Second, the combination of a gearless traction machine, a synchronous motor and a VVVF inverter provides **energy savings of around 50%**.

↗ For a synchronous traction machine, the association of a TS gearbox and a synchronous permanent magnet motor enables to save 20% of energy compared to a conventional asynchronous motor.

## 3 - Controller

The intelligent SODIMAS technologies (Quick Install and NG240) reduce energy consumption by **switching off** the landing indicators and lift car lights when the lift is on standby or has stopped.

These functions are reactivated immediately.



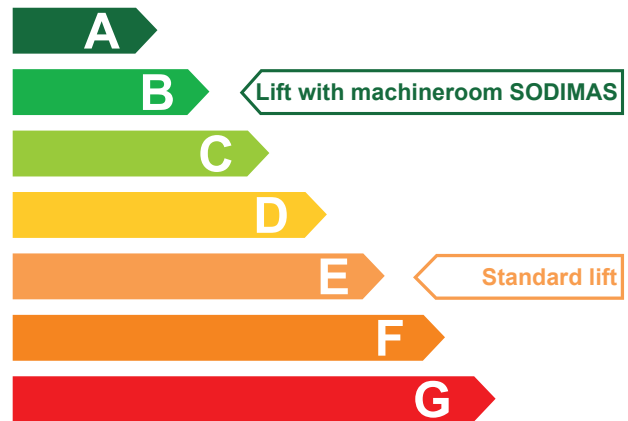
## Proven energy savings

SODIMAS products, particularly those in the MEDIUM range, have been awarded an excellent energy saving classification, (based on the German standards establishing the VDI4707 guidelines).

This classification takes different criteria into account, such as a lift's load, speed and frequency of use, to judge its energy efficiency.

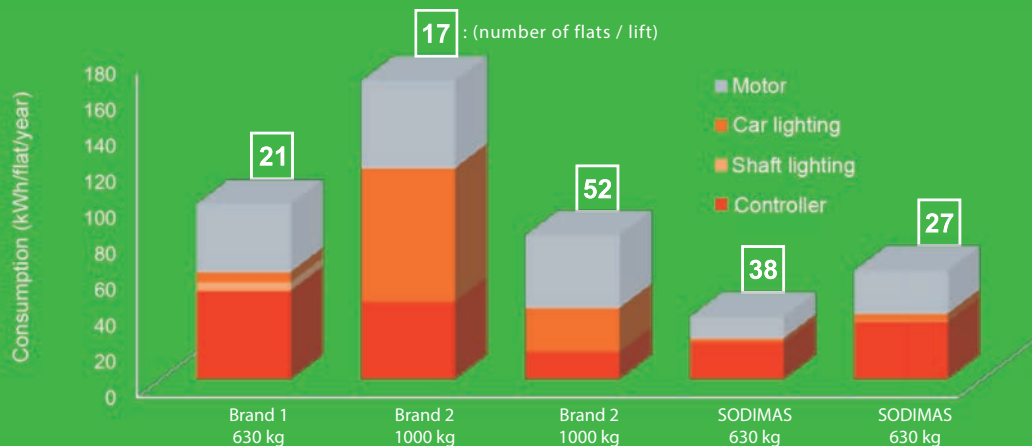
The lifts with machine room from Sodimas range are B classified reflecting a low energy consumption.

Another study carried out in Grenoble on new, high environmental quality buildings, has confirmed the high energy performance of SODIMAS' lift systems : See box below.



Classified based on VDI4707 guidelines

### Consumption of lift per flat



“ We note, [...], that the two lifts to consume the least are of the Sodimas make. This company based in Pont de l'Isère in the Drôme is not one of the sector's leading four companies. It has nonetheless developed original technologies (replacing the reducers with cable and pulley systems), which are perhaps also the most efficient, which it will be up to other audits to confirm. ”



# Offering you choice

**False ceiling** white epoxy finish

**Lighting** by 4 LEDs spots (4W)  
high efficiency  
Integrated emergency light

Natural tone **mirror**

- Half height  
Full width at car rear side  
for single access

Width 80 cm at opposite side of COP  
for through access

**Handrails**

complies with EN 81-70 standard  
Stainless steel finish aspect

**Sill** Natural anodized aluminium

**Skirtings**

Stainless steel finish aspect

**Entrance return and panels**

in polished stainless steel

**Laminated panels**

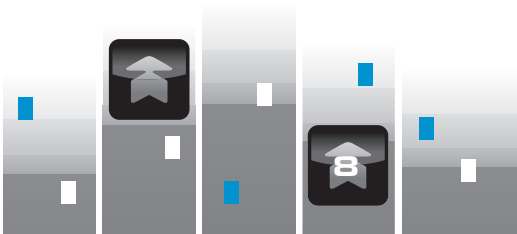
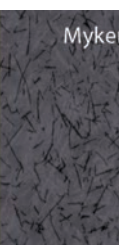
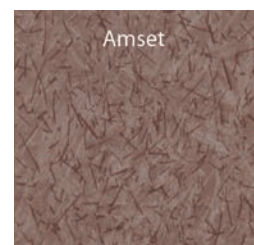
High pressure aminated panels,  
6 mm thickness



**ODEON**  
environment



**Floor coverings**  
PVC (U4, P3, M3)  
or 25 mm recessing



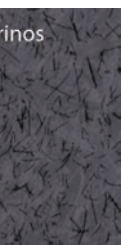




## VENDOME environment

### Full height operating panel in brushed stainless steel

- ↗ Angel EVOLYA micro switch push buttons (according to the EN 81.70 standard)
- ↗ 6" LCD level indicator with voice announcer
- ↗ Backlit logo and load plate (LEDs)
- ↗ Three-phonoc uninterruptible telealarm (comply with EN 81-28)
- ↗ Integrated keypad access



### False ceiling

Black or white decorative

### Fluorescent lighting

Integrated emergency light

### Full height mirror ton naturel

30 cm from floor, width 80 cm

### Handrails complies with EN 81-70

Stainless steel finish aspect

### Sill

Natural anodized aluminium

### Skirtings

Stainless steel finish aspect

### Entrance return and panels

in polished stainless steel

### Panels

Laminated panels

or natural essences in Print range

(including the 9 colours see in Odeon range)

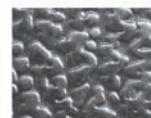


### Stainless steel panels

Stainless steel panels high resistance



Polished stainless steel



Engraved stainless steel



Lino stainless steel

Only the basic available components are shown here. Many other options are available. Please contact us.

### Ceiling

White epoxy finish

### Lighting

with a LED panel  
integrated emergency light

**16/9° mirror** natural tone

### Handrails

complies with EN 81-70 standard

### Sill and skirtings,

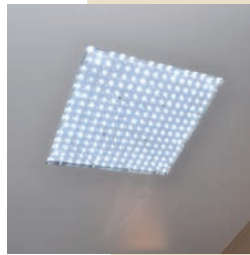
natural anodized aluminium

### Entrance and panels

in polished stainless steel

### Floor covering

PVC (U2S,P2)  
or 25 mm recessing



### Panels

Stratified panel  
Choice :

- **Plain** : For Walnut and Erable



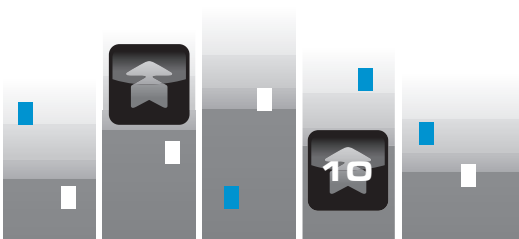
- **Two-coloured** : Light Oak/ Wenge  
(side panel / rear panel and vice-versa)



## SQUARE environment

### Half height operating panel in polished stainless steel

- ↗ Angel EVOLYA micro switch buttons  
(according to the EN 81.70 standard)
- ↗ 4" LCD level indicator  
with voice announcer
- ↗ Backlit logo and load plate (LEDs)
- ↗ Three-phonc uninterruptible  
telealarm (comply with EN 81-28)
- ↗ Integrated keypad access



**Available options for this range (please contact us for details) :**

- ↗ Internal or external **glass or metal covered tower**, epoxy finish
- ↗ **Glass lift cars and doors** for a wide-angle view
- ↗ **Multiplex** (with Quick Install) :  
Traffic optimisation system, allows control between 2 and 6 lifts, 32 levels, automatic or manual optimisation over time, energy savings, Automatic adaption of the traffic for the users need (artificial intelligence)
- ↗ **Emergency landing device** :  
Controller for automatic evacuation in the event of a power failure
- ↗ **GSM phone** :  
Quadband, integrated battery
- ↗ **7-inch colour multimedia indicator screen**
- ↗ **Sbox** (with Quick Install) :  
Remote monitoring and supervision of lift operation

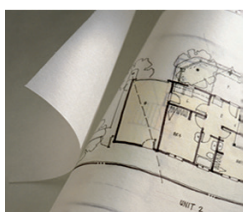
**Our high-quality service**



- ↗ Permanent support : our design office, sales team, after-sales service and training staff are all available to help you



- ↗ As an SME in a favourable geographical location, SODIMAS is always available to respond to your needs.
- ↗ SODIMAS also guarantees the permanent availability of its equipment, thanks in particular to its large stock of products



- ↗ An online customer space providing a set of services for your own use



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FABRICATION FRANÇAISE

