



180 / 300 / 450 / 630 / 1000 kg

Lift with machineroom

(above or below the shaft)

About SODIMAS

SODIMAS (Société de Distribution de Matériel d'Ascenseur) was established as a family business in 1975, and in its 35 years 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 both its technical sales team and its design office, 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 ?

- ↗ 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

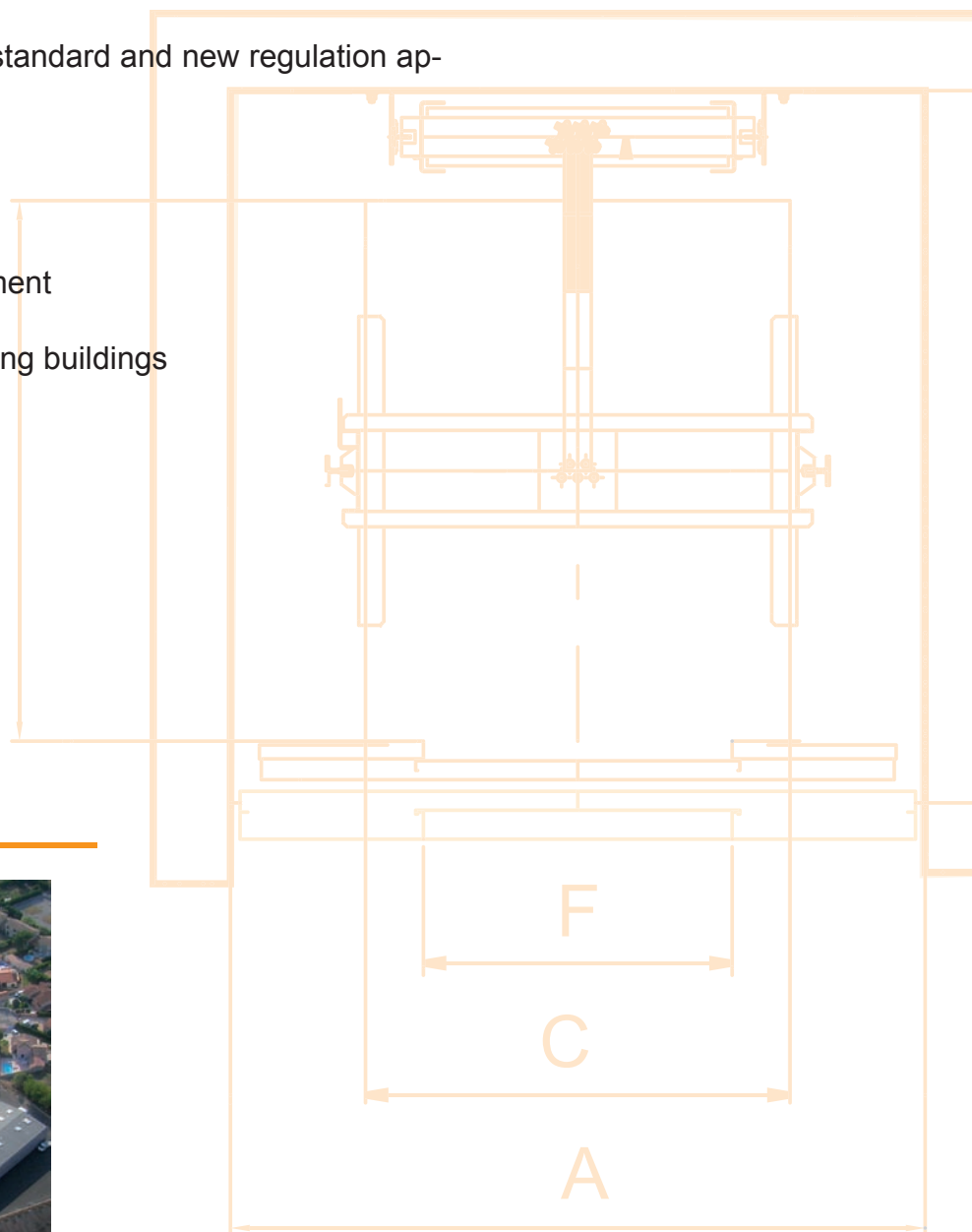
Ideal for the replacement or the la creation of a lift, the range with machine room from Sodimas has been specially made and designed for your existing environment. It presents all the flexible product for the modernization of a lift or the replacement of an existing one.

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 96/16/CE
- 81-1 standard + A3 amendment
- 81-70 accessibility standard
- EN 81-21 standard for existing buildings
- etc...

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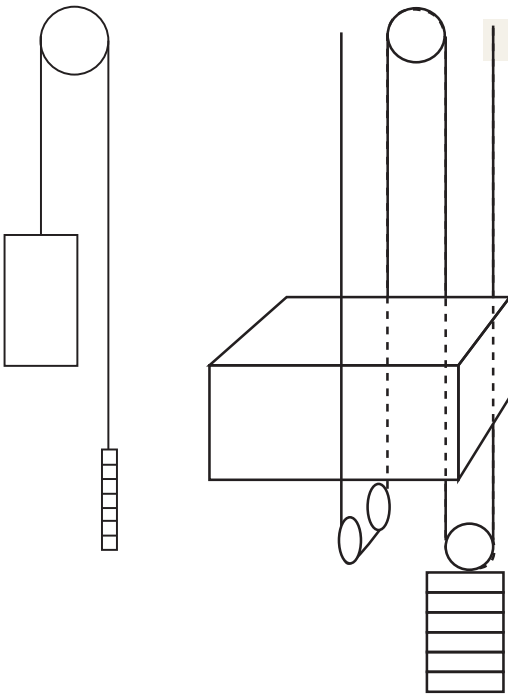
A range of lifts bringing

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** QI
- ↗ Automatic **or** manual landing door



Suspension 1:1

Suspension 2:1

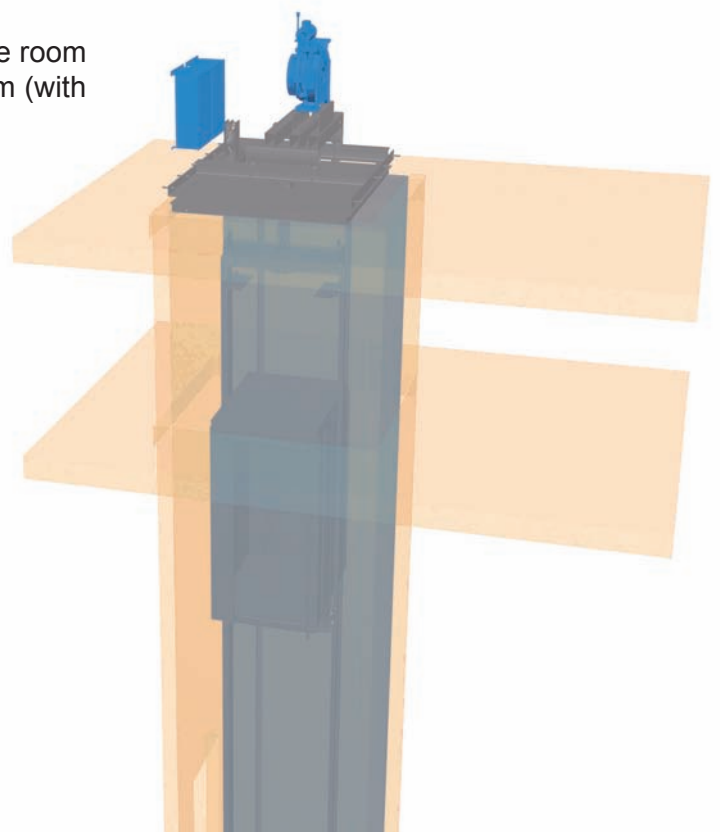
A minimum space requirement

The lift with machine room from SODIMAS uses the minimum sizes for any installation.

For example, a lift of 300kg 1:1 suspension machine room above will fit in a 550mm pit and 2400mm headroom (with landing swing doors).

Advantages

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



new technologies together

A Gearless machine VM 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.

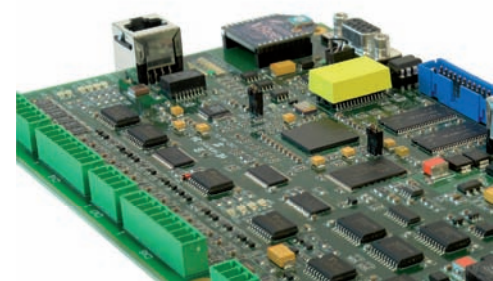
Quick Install also benefits from the universal MoBee® interface (secure ZigBee transmission standard) for real-time access to all functions from all areas of the lift, enabling levels to be adjusted from inside the lift car, for example.

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 - GEARLESS machine

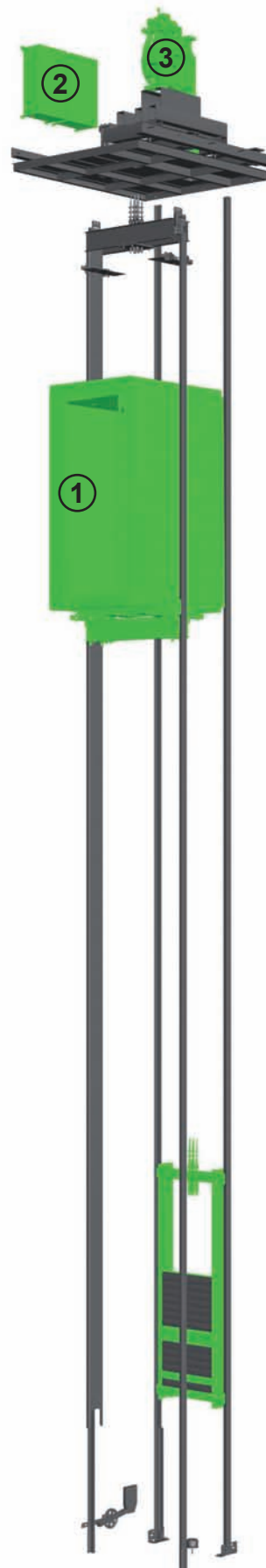
Firstly, gearless traction machines do not use lubricant, as permanently greased bearings are used to turn the drive pulley.

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

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.



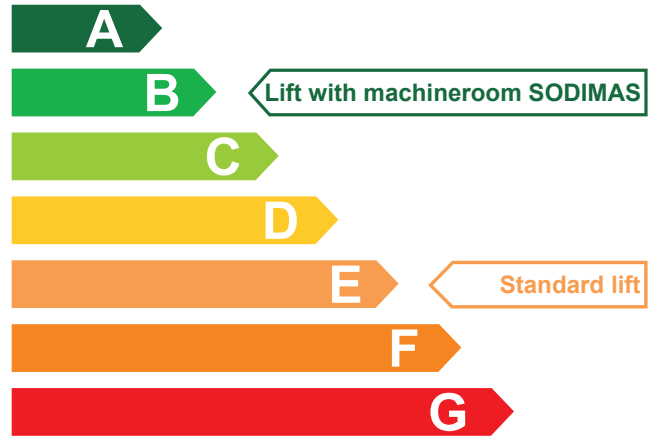
Proven energy savings

SODIMAS products 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

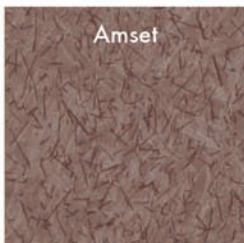
White tilt false ceiling
with LED spotlights

Half height mirror

↗ Full width at car rear side
for single access

↗ Width 80 cm at opposite side
of car operating panel
for through access

Floor covering
PVC (U4, P3, M3)
25 mm recessing



ODEON
environment

Full height operating panel
in brushed stainless steel

↗ Angel EVOLYA micro switch push
buttons (according to the 81.70 standard)

↗ 6" LCD level indicator
with voice synthesizer

↗ Printing on backlight

↗ Three-phonetic telephone

↗ Digicode



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

Laminated walls

High pressure laminated panels,
 6 mm thick-choice of 9 colours



VENDOME
 environment



VENDOME features

Full height mirror

30 cm from floor, width 80 cm

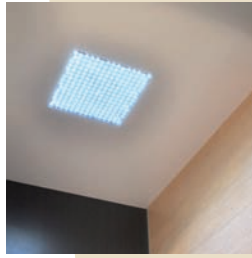
Panels

Laminated panel or naturals essences in Print range
 (included the 9 colours see in Odeon range)



Ceiling

White epoxy finish
with LED panel
(integrated emergency lighting)



Sills and skirtings,
natural anodized aluminium



Entrance and panels,
in brushed stainless steel



Floor covering
PVC (U2S,P2)
or 25 mm recessing

16/9° mirror



SQUARE environment



Wood wall finishes

Thick-choice (plain or two-colored)
Melamine faced panels, 6 mm

Control panel in brushed stainless steel

- ↗ Angel EVOLYA micro switch push buttons
(according to the 81.70 standard)
- ↗ 4" LCD level indicator
with voice synthesizer
- ↗ Printing on backlight
- ↗ Three-phonetic telephone
- ↗ Digicode



SODIMAS extras

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 telephone** :

Quadband, integrated battery, AFNOR approved and compliant with new european regulations

↗ **8 to 10 inch lift car indicator screen** :

Lift position and direction information can be accompanied by photos or videos with sound

↗ **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



Module H - European Directive 95/16/EC



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