

SMALL

Your 230V single-phase solution

225/300/450 kg

COMPLETE LIFTS



SODIMAS 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 knowhow 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 ?

- ↗ 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

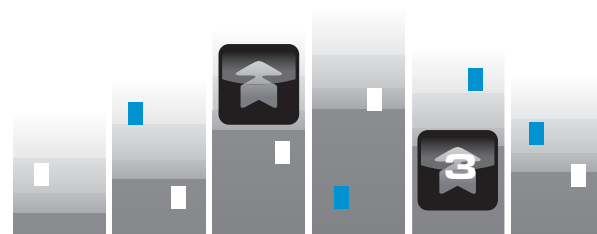
SMALL by SODIMAS

Designed especially for the new regulation of accessibility requirement (introduced by the law n°2005-102 of February 11th, 2005), the lift SMALL proposes an innovative solution which applies to everyone needs : public building, housing board or private dwellings. It gives the advantages of a lift : safety, comfort, efficiency and take out all discrimination to the people with reduce mobility or aged people.

Due to strong survey on the parts constituting the SMALL, SODIMAS has created a standard range of product which presents a very competitive and attractive price.
However, quality has not been forgotten as all SODIMAS technologies have been integrated.

The SMALL complies with the various standards and new legislation applicable to lifts :

- ✓ Lift Directive 95/16/CE
- ✓ EN 81-70 mobility standards
- ✓ EN 81-21 standards for existing buildings
- ✓ EN 81-1 standards + amendment A3
- ✓ Certified eco-label
- ✓ Etc....



The SMALL



Key figures

Load	225 to 450 kg
Nominal speed	0,5 m/s
Starting per hour	120
Travel maxi	18 m
Capacity	3 to 6 persons
Access	Single or Double
Car area	0,7 to 1,3 m ²
Power supply	230 V single phase
Doors	Automatics

All in One concept

A device with integrated machinery in the shaft designed in accordance with Lift Directive 95/16/EC

SMALL is complete package, in 230 V single phase



↗ Automatic landing and car doors to ease the way inside the car

↗ A full height door safety edge in order to avoid any impact with the door

↗ A half height mirror for a better visibility of the indicators and obstacles

↗ A sound signal along with the indicator

↗ A telephone system for a quick answer if necessary



↗ A landing indication and an accessible COP with embossment push button

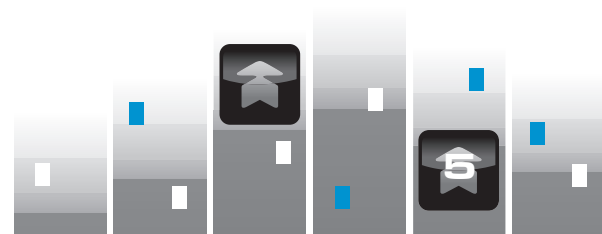
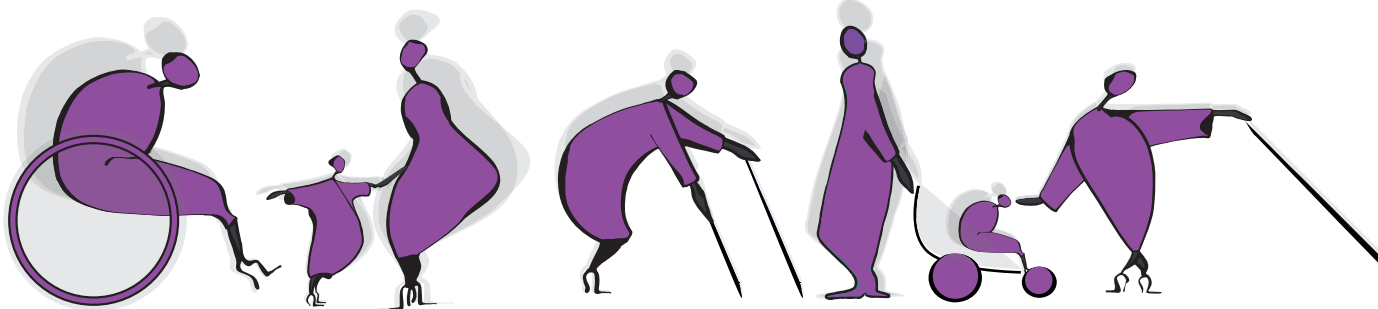
↗ An handrail for the stability of the passenger

Integrated machinery adapted to your building

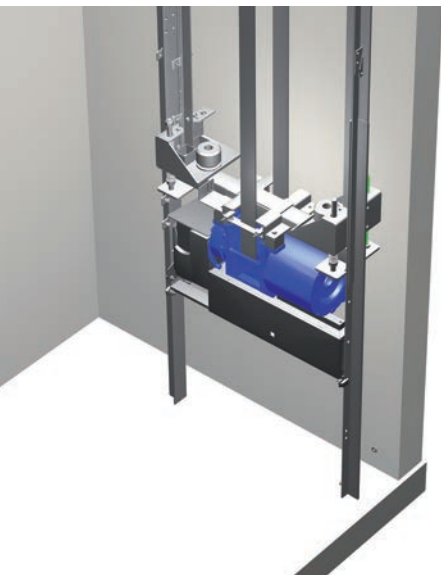
↗ **Existing buildings**
Pit depth of **350 mm**
Minimal headroom of **2500 mm**

↗ **New buildings**
Pit depth of **1000 mm**
Minimal headroom of **2500 mm**

SODIMAS has adopted a pricing position that is competitive, attractive, and has the flexibility to adapt to different markets



A range of lifts bringing



A lift with integrated machinery at the lowest level

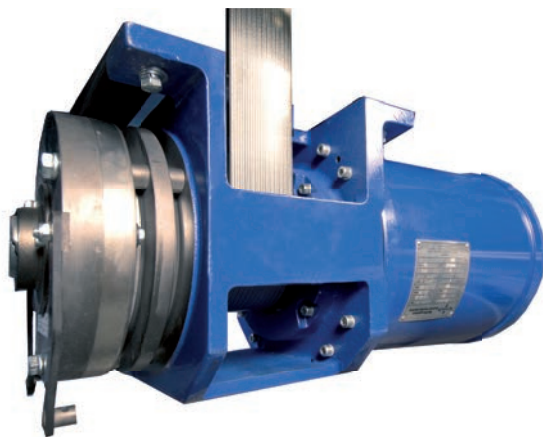
Advantages

- ↗ **Landing bay: the only external space required**
- ↗ **Secure maintenance**
- ↗ **Protected against pit flooding**

A Gearless machine VM : 2,5 kW

Advantages

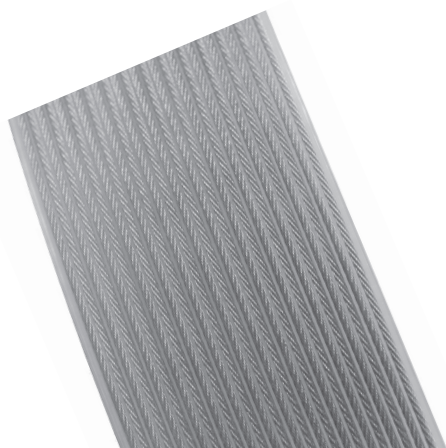
- ↗ **Power supplied by a standard 230V single phase 16A outlet**
- ↗ **High output, low consumption**
- ↗ **Eliminates noise disturbance**
- ↗ **Low energy consumption**
- ↗ **Small and compact machine room**
- ↗ **Comfort and stop accuracy**



A flat belt in polyurethane

Advantages

- ↗ **Maximum output of the power**
- ↗ **Comfort in car improved**
- ↗ **Perfect line in time : longer lifetime of your product**



new technologies together

NG240, a new pre-cabled electrical solution for lift systems



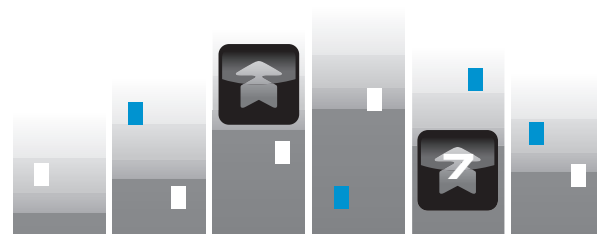
Advantages

On account of its location

- ↗ At the lowest level, outside the shaft
- ↗ Panel design
- ↗ Easy access for maintenance

On account of its technology

- ↗ Quick and easy installation
- ↗ Immediate activation
- ↗ Optimal energy efficiency
- ↗ Open technology within the reach of any professional
- ↗ Min. between level : 30 mm



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.

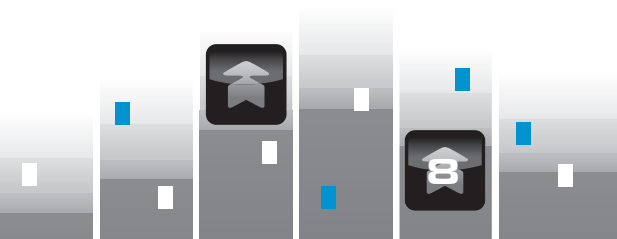
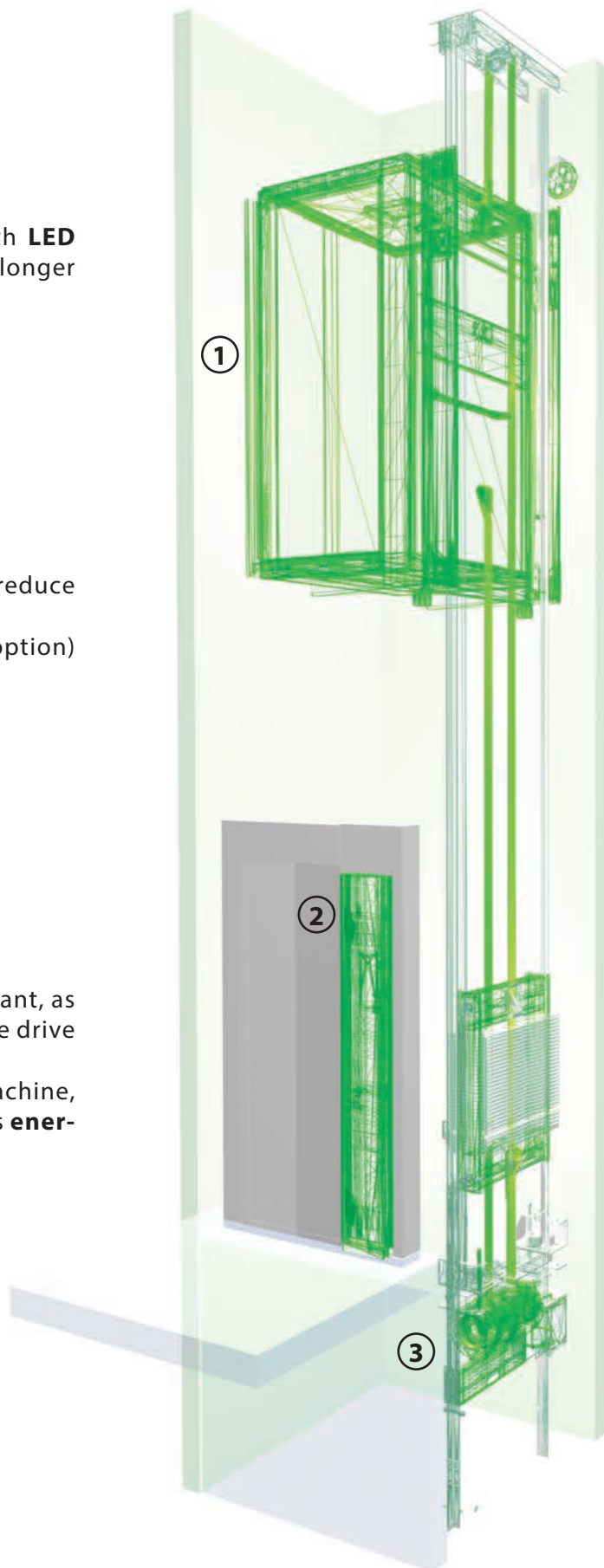
2 - Controller

The NG240 intelligent SODIMAS technology reduce energy consumption by switching off the landing indicators, lift car lights and VVVF (in option) when the lift is on standby or has stopped. These functions are reactivated immediately.

3 - GEARLESS machine

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%**.



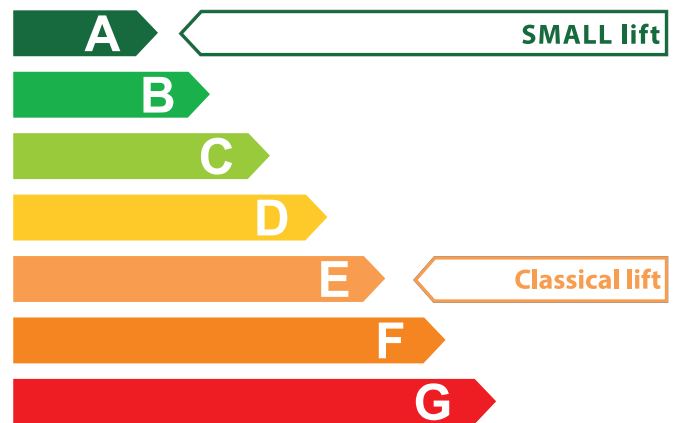
Proven energy savings

SODIMAS products, particularly those in the SMALL 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.

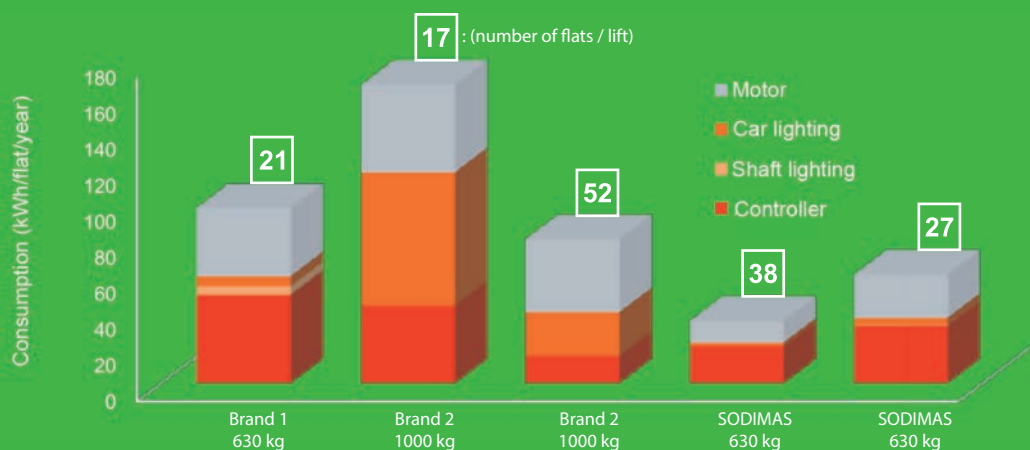
The SMALL is in A classification, reflecting its very low energy consumption.

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. ”

STANDARD environment

A comfortable and harmonious atmosphere

Ceiling

white epoxy finish

Lighting with a LED panel
integrated emergency light

Mirror natural tone
half height

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)

Half height operating panel
in brushed stainless steel

↗ CYNTRA micro switch buttons
(according to EN 81-70 standard)

↗ 4" LCD level indicator
with voice announcer

↗ Backlight logo
and load plate (LEDs)

↗ Three-phonic uninterruptible
telealarm (comply with EN 81-28)

↗ Integrated keypad access

Wood wall finishes

Side panels in Chêne clair

Rear panel in Wengé

Stratified panel, thickness 14 mm



SQUARE environmen

Panels

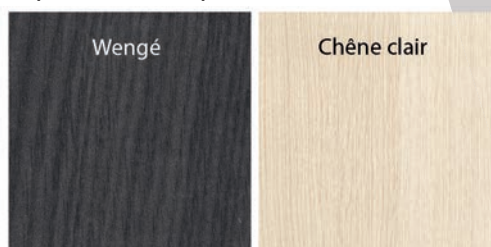
Stratified panel

Choice :

- **Plain** : For Walnut and Erable



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



SQUARE, ODEON and VENDOME environments **ONLY** for 450 kg car



**Half height
operating panel
in brushed
stainless steel**

↗ Angel EVOLYA micro
switch buttons
(according to
EN 81-70 standard)

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 brushed stainless steel

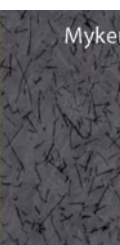
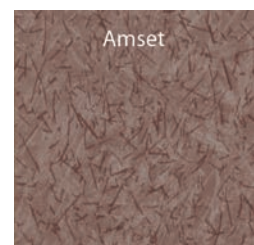


**ODEON
environment**

Laminated panels
High pressure aminated panels,
6 mm thickness

Erable 1930	Chêne clair 4367	Aune 4176
Teck 4445	Merisier 1219	Noyer 1890
Chêne cendré 4514	Titanium 2206	Gris texturé 3317

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





False ceiling

Black or white decorative

Fluorescent lighting

Integrated emergency light

Full height mirror natural tone

30 cm from floor, width 80 cm

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 brushed stainless steel

VENDOME environment

Full height operating panel in brushed stainless steel

- ↗ Angel EVOLYA micro switch push buttons (comply with EN 81-70)
- ↗ 6" LCD level indicator with voice announcer
- ↗ Backlight logo and load plate (LEDs)
- ↗ Three-phonc uninterruptible telealarm (comply with EN 81-28)
- ↗ Integrated keypad access

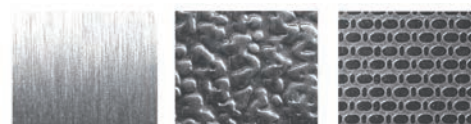
Panels

Laminated panels
or natural essences in Print range
((including the 9 colours see in Odeon range)



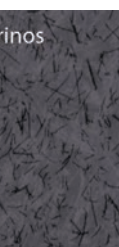
Stainless steel panels

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.*



Available options for the SMALL range (please contact us for details) :

↗ **Steel structure** (gladding by yourself) or internal or external **glass or metal covered tower**, epoxy finish

↗ **Emergency landing device :**

Controller for automatic evacuation in the event of a power failure

↗ **GSM telephone :**

Quadband, integrated battery

↗ **Glassed car lift**

Our high-quality service

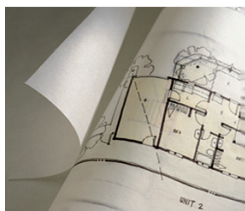


↗ Permanent support : our design office, sales team, after-sales service and training staff are all available to help you



↗ 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



www.SODIMAS®.com



FABRICATION FRANCAISE

Siège social / Head office

11 rue Ampère
26600 Pont de l'Isère
FRANCE

☎ +33(0)4 75 84 86 00

☎ +33(0)4 75 84 67 30

e-mail : accueil@sodimas.fr

