

Company Profile 2014 | 2015



SATE
LIFT SOLUTIONS



**Rising
Performance**

SATE | Logo
The rising "S" (of SATE) inside the green square (lift cabinet) represents the rising sun and reflects the analogy between the up & down motion of the sun and the lifts.



SATE 1

Wall Panel : Skin plate horizontal banner
Entrance Sides: Stainless steel
Profiles & Skirting: Stainless steel
Hand Rail: Brushed
Ceiling: Stainless steel with plexi
Lighting: indirect light (led or fluorescent)
Mirror: Silver / half size
Floor: Parquet or granite
C.O.P. : Stainless steel colour



SATE 2



SATE 3

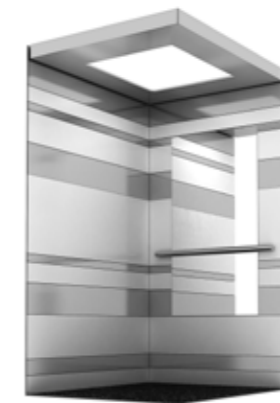


SATE 4



SATE 5

Wall Panel : Stainless steel brushing or Mirror, laset cutting
Entrance Sides: Stainless steel
Profiles & Skirting: Stainless steel brushing or Mirror
Hand Rail: Brushed
Ceiling: Stainless steel with plexi
Lighting: indirect light (led or fluorescent)
Mirror: Silver / half size / full size
Floor: Parquet or granite
C.O.P. : Stainless steel colour



SATE 6



SATE 7



SATE 8

*Helping you minimise costs,
improve effectiveness
and efficiency*

Charbel Hleihel
General Manager

*We are proud
of the relationships we build
with you our customers
and the value we create
by understanding
how we can serve you better.*

Maroun Antoun
Technical Manager

SATE (Société Nouvelle d'Ascenseurs Technique Electromécanique)

is a Lebanon-based Lift Solutions Engineering company with more than a decade of experience in the design, assembly and installation of elevation and accessibility platforms.

From pre-sales commissioning through after-sales support, SATE provides its valued Customers with an array of comprehensive solutions throughout the lifetime of their facility, and with compliance to European Standards and Norms EN81.

SATE provides a wide range of lift solutions tailored to a variety of building requirements. Whether you want to modernize a previously existing installation or is you project new, SATE customizes its solutions to fit your needs and most specific criteria. SATE is keen on providing you with an A to Z solution for your own peace of mind.



SATE Profile

Established in 1999, SATE is a Lebanese Lift Solutions Engineering company located in Sad El Bauchrieh in Metn area, with more than a decade of experience in the design, assembly and installation of elevation and accessibility platforms.

SATE Team

SATE is backed by the expertise of its dedicated team of 10 Engineers and Technicians; Designers, Developers, Assemblers, and Installers. SATE team is constantly trained and kept at the forefront of the lifts technology and safety standards, aiming to surpass clients' expectations with innovation, passion and professionalism.

SATE Offer

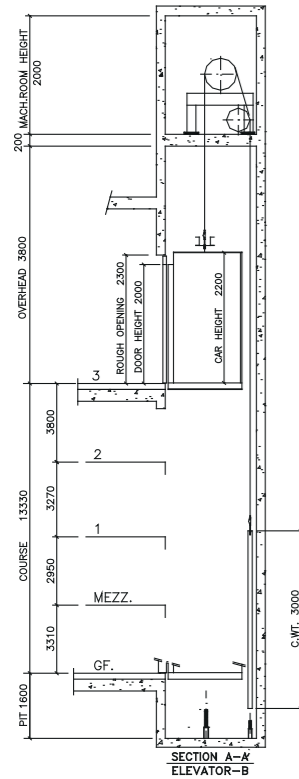
SATE provides its valued Customers with an array of comprehensive solutions throughout the lifetime of their facility. Dealing with top-class lift component manufacturers from around the world like Hidral, Imem, Wittur and others, SATE delivers A-rated elevator projects for multiple applications in Lebanon, the Arab Region, North Africa. SATE looks closely into the clients' project needs to deliver customized tailor-made solutions according to each specific criteria while keeping a vigilant eye on safety standards, aesthetics and durable performance. SATE Solutions feature reliability, stable operation, high efficiency, energy saving, minimum noise, and low fault rate.

SATE Mission & Vision

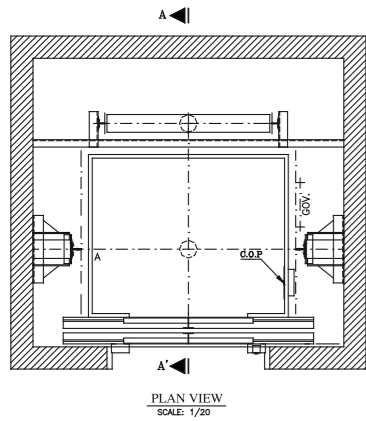
SATE's mission is to become its clients' top-notch partner in vertical transportation with a vision of making every motion experience, whether for people or their valued goods, risk-free, reliable, comfortable, fast and modern.

Machine Room

In cases where a machine room solution is applicable, a SATE complete system is among the most economical, tested and guaranteed propositions in the market. SATE lifts with engine-room, present a series of products and are intended for passengers, goods, and passengers and goods.



Number of entrances								
	(kg)	(mm)		(mm)	(mm)	(m/s)	(A)	(CV) (HP)
1 - 0°	300	1300x1550	1:1	900x1040	700	1/1,6	9/10	4,5/5
1 - 0°	450	1450x1750	1:1	1000x1250	800	1/1,6	10/12,5	5,5/7,5
1 - 0°	600	1600x1900	1:1	1100x1400	800	1/1,6	13/18	8/10
1 - 0°	750	1700x2200	1:1	1100x1600	900	1/1,6	16/21	10/13
1 - 0°	900	1700x2500	1:1	1100x1900	900	1/1,6	21/24	12.5/15
1 - 0°	1000	1700x2700	1:1	1100x2100	900	1/1,6	23/27	13.5/17
1 - 0°	1125	1850x2700	2:1	1200x2100	1000	1/1,6	21/30	12.5/20
1 - 0°	1250	1900x2700	2:1	1300x2100	1000	1/1,6	24/33	14/22
1 - 0°	1350	1900x2800	2:1	1300x2200	1000	1/1,6	24/35	14.5/24
1 - 0°	1500	1950x2900	2:1	1400x2300	1000		26/-	16/-



Large Volumes

Features

Lifts specially designed for the transportation of passengers with specific dimensions to enable use as a hospital lift. A solution to the need to transport large volumes of passengers in buildings with large numbers of people.

Technical Specifications

Model AH - 1600 Service/hospital lift

- Load 1,000 - 1,600 kg
- Maximum travel 17 m
- Speed 0.4 - 0.6 m/s

High Capacity QHP lift

- Load 2,000 - 6,000 kg
- Maximum travel 21 m
- Speed 0.4 - 0.6 m/s



Machine Roomless Lift System

Features

New generation of machine roomless electric lift that offers an ideal solution for residential, commercial and public buildings based on an innovative modular design to permit optimised use of space and energy consumption in buildings with up to 15 stops and a travel height of up to 50 m, with a maximum rated load of 1000 kg and a maximum rated speed of 1,6 m/s.

This type of lifts is norm compliant, easy to assemble and install, requires minimum maintenance, saves energy and space, while being comfortable, silent and modular.


Technical Specifications

Roomless Lifts offer versatile solutions with single and double entrances at 180° with various automatic doors solutions.

LOAD KGS	225 – 630 KGS	DOORS	INLINE, 180 , *90*
PASSENGERS	9 0 – 03 PERSONS	PIT	Minimum 1100 m.m.
RATED SPEED	1.0 to 1.5 Meters / Second	HEADROOM	Minimum 3400 m.m.
MAX TRAVEL	30 Meters	SHAFT	RCC / STEEL STRUCTURE,
STOPS	11 STOPS	GLASS	OPTIONAL
MOTOR POWER	3.4 KW TO 7.0 KW	POWER SUPPLY	440 Volts, Three Phase

Normal Chassis

1 access

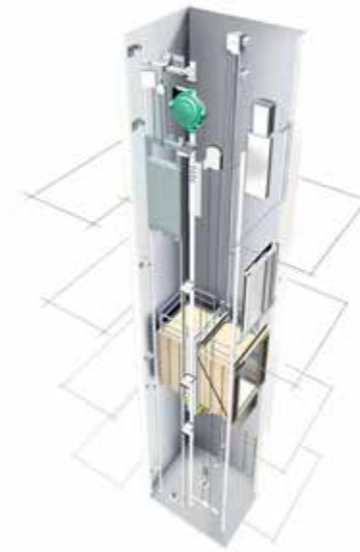
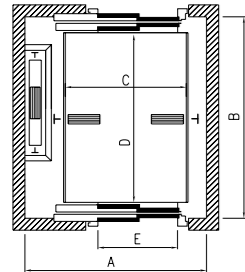
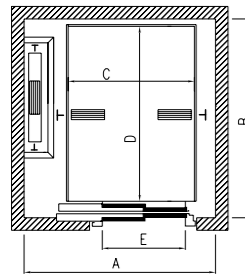


Number of entrances	Rated Load (kg)	Rated speed (m/s)	Internal car dimensions (mm)	Clear Opening (mm)	Door opening C / S	Min. Shaft width (mm)	Min. shaft depth(*) (mm)	Min. headroom (mm)	Min. pit depth (mm)
1 - 0°	320	1 - 1.6	900x1000	700	S	1450	1450	3500 / 3700	1100 / 1200
1 - 0°	450	1 - 1.6	1000x1200	800	S	1550	1575	3500 / 3700	1100 / 1200
			1000x1250			1550	1575		
1 - 0°	630	1 - 1.6	1100x1400	900	S	1650	1650	3500 / 3700	1100 / 1200
1 - 0°	800	1 - 1.6	1350x1400	900	C / S	1940	1650		1100 / 1200
						1940	1650	3600 / 3800	
1 - 0°	1000	1 - 1.6	1100x2100	900	S	1690	2350	3600 / 3800	1100 / 1200
			1600x1400		C	2190	1650		

2 access


2 - 180°	320	1 - 1.6	850x1050	700	S	1400	1390	3500 / 3700	1100 / 1200
2 - 180°	450	1 - 1.6	1000x1200	800	S	1550	1540	3500 / 3700	1100 / 1200
2 - 180°	630	1 - 1.6	1100x1400	900	S	1650	1740	3600 / 3800	1100 / 1200
2 - 180°	800	1 - 1.6	1350x1400	900	C / S	1940	1740		1100 / 1200
						1940	1740	3600 / 3800	
1 - 0°	1000	1 - 1.6	1100x2100	900	S	1690	2440		1100 / 1200
			1600x1400		C	2190	1740	3600 / 3800	

(*) With MDS1 doors
NOTE: The dimensions of the car are available upon request in steps of 50 mm



Chassis L

1 access

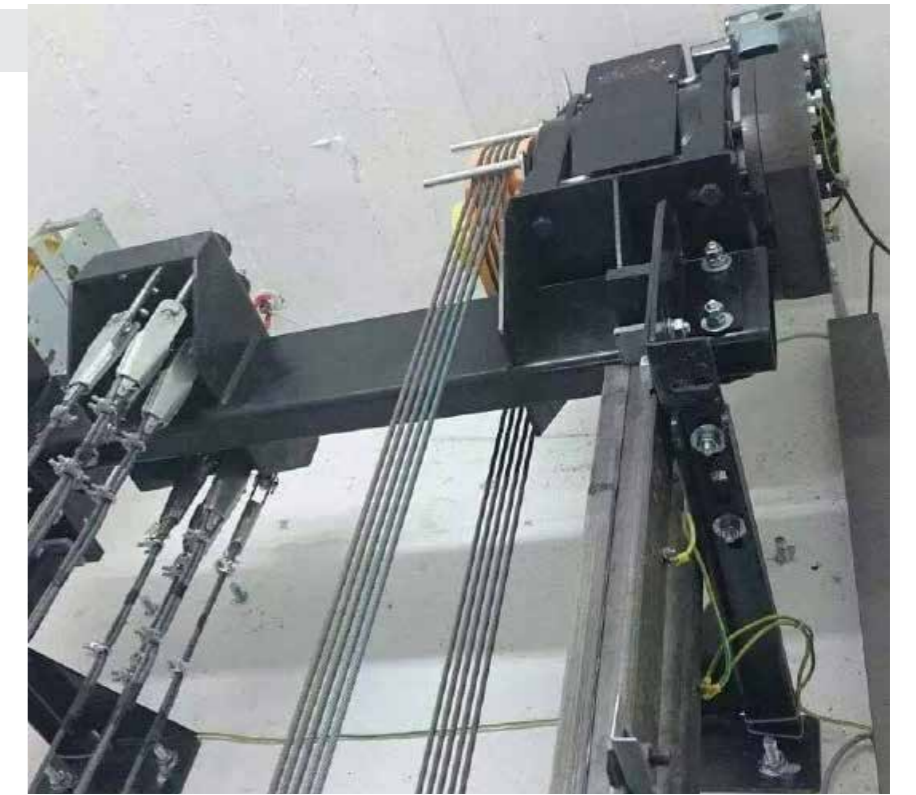
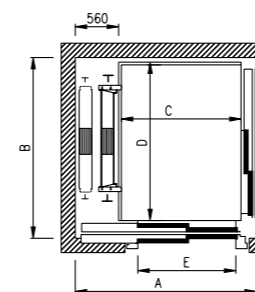
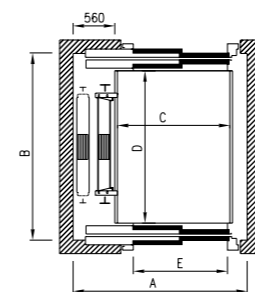
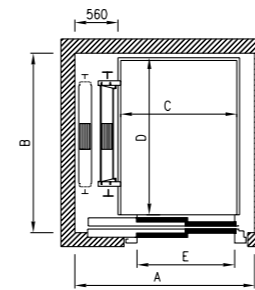


Number of entrances	Rated Load (kg)	Rated speed (m/s)	Internal car dimensions (mm)	Clear Opening (mm)	Door opening C / S	Min. Shaft width (mm)	Min. shaft depth(*) (mm)	Min. headroom (mm)	Min. pit depth (mm)
1 - 0°	320	1 - 1.6	900x1000	700	S	1450	1450	3400 / 3600	1100 / 1200
1 - 0°	450	1 - 1.6	1000x1200	800	S	1550	1575	3400 / 3600	1100 / 1200
			1000x1250			1550	1575		
1 - 0°	630	1 - 1.6	1100x1400	900	S	1650	1650	3400 / 3600	1100 / 1200
1 - 0°	800	1 - 1.6	1350x1400	900	C / S	1940	1650		1100 / 1200
						1940	1650	3600 / 3800	
1 - 0°	1050	1 - 1.6	1100x2100	900	S	1690	2350	3600 / 3800	1100 / 1200
			1600x1400		C	2190	1650		
1 - 0°	1275	1 - 1.6	1200x2300	1000	S	1842	2675	3700 / 3900	1200 / 1350
1 - 0°	1600	1 - 1.6	1400x2400	1200	S	2125	2775	3700 / 3900	1200 / 1350
1 - 0°	2500	1 - 1.6	1800x2700	1300	S	2540	3075	3900 / 4100	1200 / 1350

2 access

2 - 180°	320	1 - 1.6	820x1050	700	S	1400	1390	3400 / 3600	1100 / 1200
2 - 180°	450	1 - 1.6	1000x1200	800	S	1550	1540	3400 / 3600	1100 / 1200
2 - 180°	450	1 - 1.6	1000x1200	800	S	1550	1540	3400 / 3600	1100 / 1200
2 - 180°	630	1 - 1.6	1100x1400	900	S	1650	1740	3400 / 3600	1100 / 1200
2 - 180°	800	1 - 1.6	1350x1400	900	C / S	1940	1740		1100 / 1200
						1940	1740	3600 / 3800	
2 - 180°	1050	1 - 1.6	1100x2100	900	S	1690	2440	3600 / 3800	1100 / 1200
			1600x1400		C	2190	1740		
2 - 180°	1275	1 - 1.6	1200x2300	1000	S	1842	2860	3700 / 3900	1200 / 1350
2 - 180°	1600	1 - 1.6	1400x2400	1200	S	2125	2960	3700 / 3900	1200 / 1350
2 - 180°	2500	1 - 1.6	1800x2700	1300	S	2540	3260	3900 / 4100	1200 / 1350

(*) With MDS1 doors
NOTE: The dimensions of the car are available upon request in steps of 50 mm





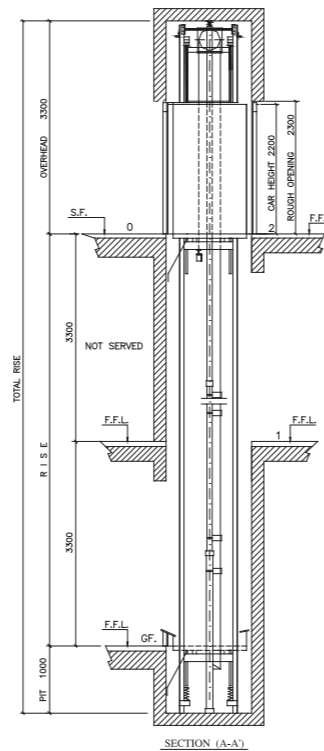
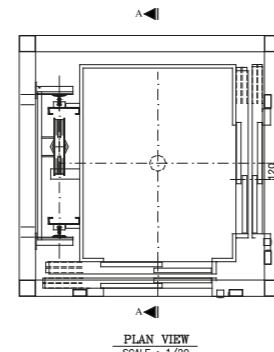
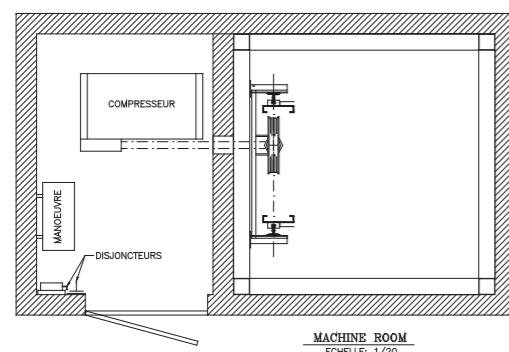
Features

Hydraulic lifts are a type of elevator used for lighter traffic frequency, especially in low rise buildings or in modernization cases. Our standard hydraulic lift packages have a maximum travel of 24 meters. The machine room can be located in different places, but it is generally placed alongside the bottom of the lift shaft.

Hydraulic lifts offer a wide range of rated load capacities, from 75 to 50,000 kg. Thus, these installations make for versatile solutions that adapt to multiple environments, carrying passengers or goods.

Technical Specifications

LOAD: 320 - 750 Kg
 SPEED: 0,15/0,63 m/s
 MAXIMUM TRAVEL: 18 meters
 POWER: 13 HP - 22 HP
 SHAFT DIMENSIONS:
 Minimum width: 1400
 Minimum depth: 1250
 CAR DIMENSIONS:
 Minimum width: 900
 Minimum depth: 950
 MAXIMUM NO. OF FLOORS: 9
 PIT: 1250 mm



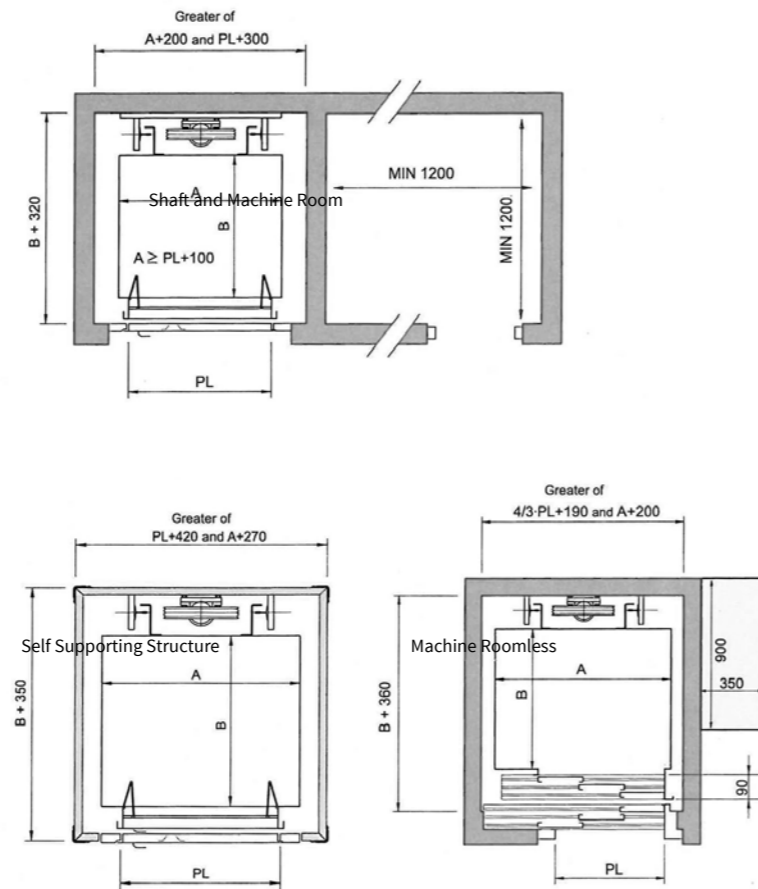
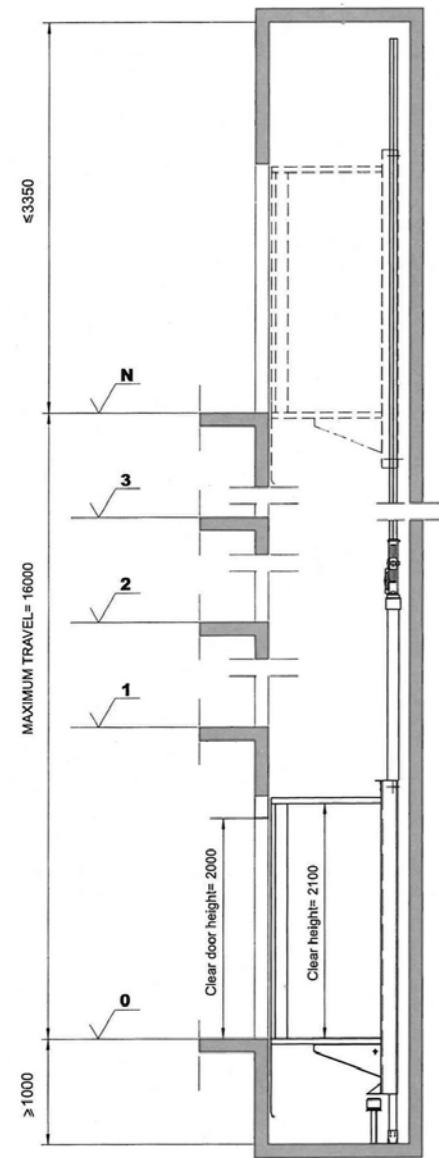
Residential Buildings Hydraulic Lifts
 Samaha Group (5 floors building)
 Location : Khenchara, Lebanon
 2008

Features

Platform elevator with direct hydraulic drive for vertical passenger transportation between two defined levels. It is specifically designed for private homes, shops and public buildings with controlled restricted use when is not possible to install a lift. It complies with all requirements of the Machinery Directive 42/2006.

Technical Specifications

- Loads: Up to 400 Kg
- Max. Speed - 0.4 m/s
- Travel: Up to 12 meters
- 3 stops
- Pit : up to 20cm
- Monophase control



Features

Lifting loads/persons for relatively short heights; has many and diverse industrial uses, always as fixed position elevator. Can be used for raising materials to working level in many industrial processes, or as loading pier adjusting to different truck heights, for spanning minor differences in floor levels transited by fork lifts.

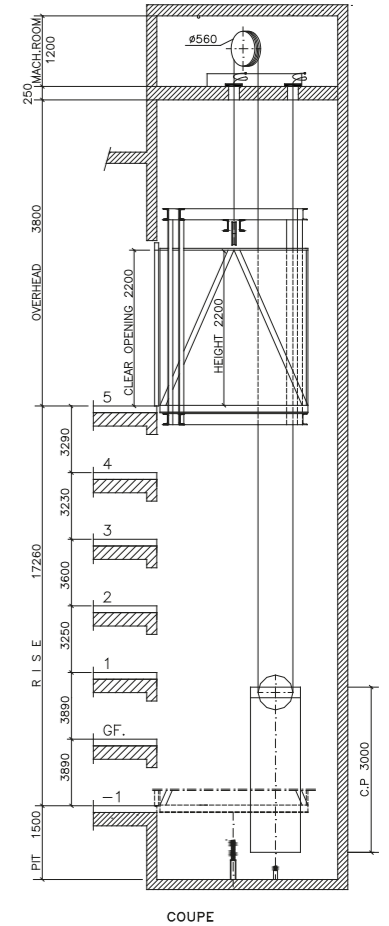
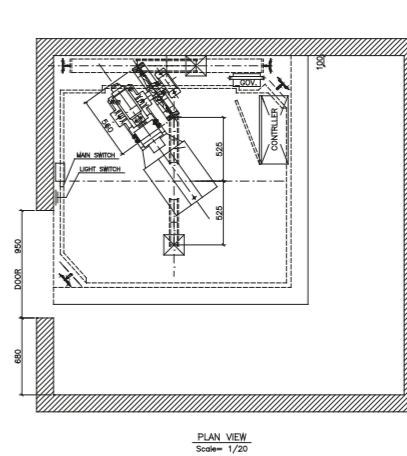
Technical Specifications

Simple System THX Model

- Load 100 - 5,000 kg
- Maximum travel 60 % of the maximum length of the platform
- Speed 0.05 m/s

Dual System THXX Model

- Load 1,000 - 5,000 kg
- Maximum travel 120 % of the maximum length of the platform
- Speed 0.05 m/s



Mont-charge Elevator
Café Super Brazil Building
Mekalles
2011

Features

Lifts specially designed for vertical transport of small loads, with a variety of applications in the services sector: restaurants, hotels, offices, libraries, warehouses, hospitals...

Technical specifications

Model MH

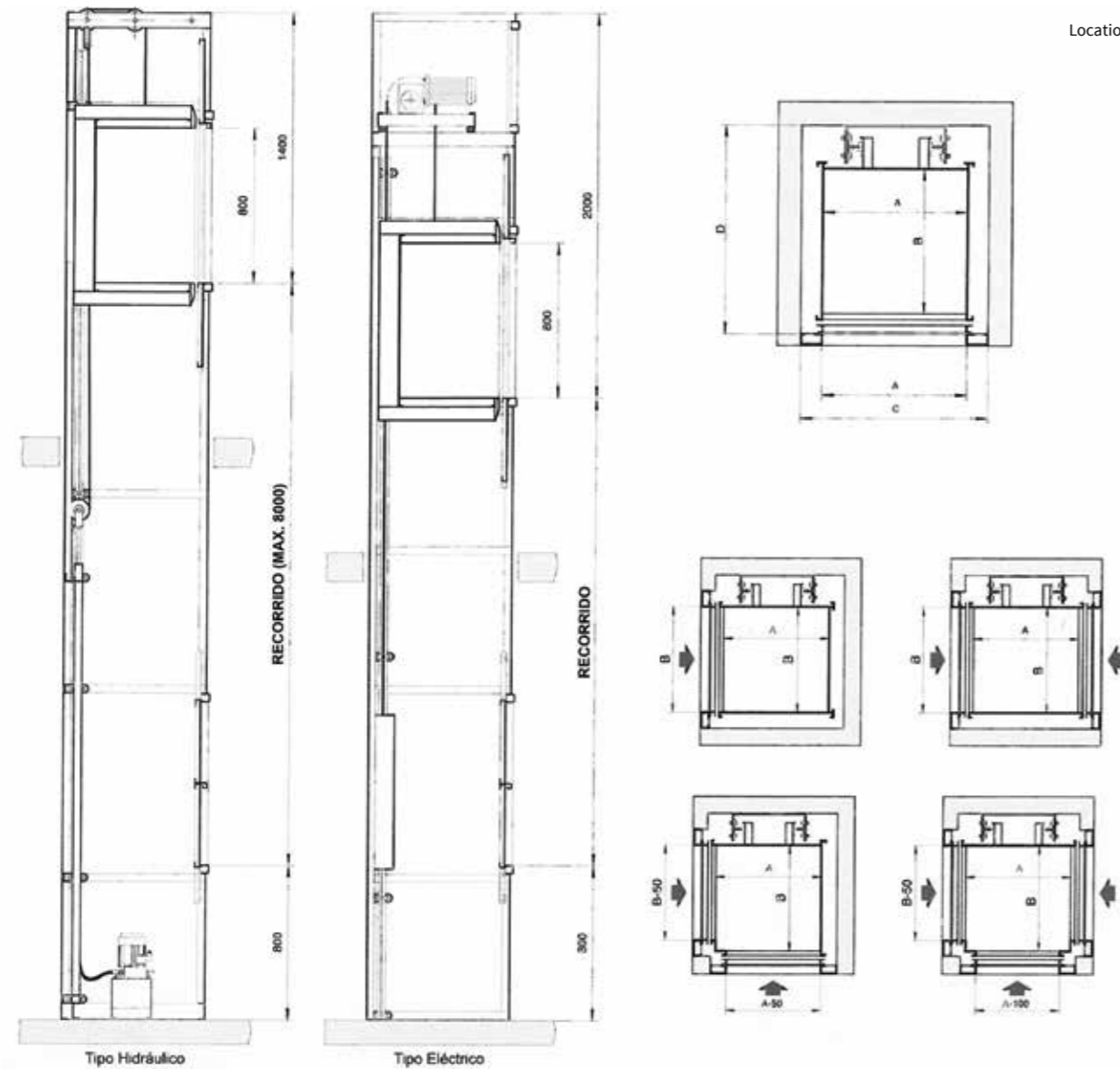
Loads: 50 to 100 Kg
Max. Speed: 0.35 m/s
Travel: Up to 35 m
Up to 12 stops
Optional Double Cabin

Model MTH

Loads: Up to 500 Kg
Max. Speed: 0.3 m/s
Travel: Up to 35 m
Up to 12 stops



Al Boustany Building
Location : Daher Sawan, Lebanon
2005



Features

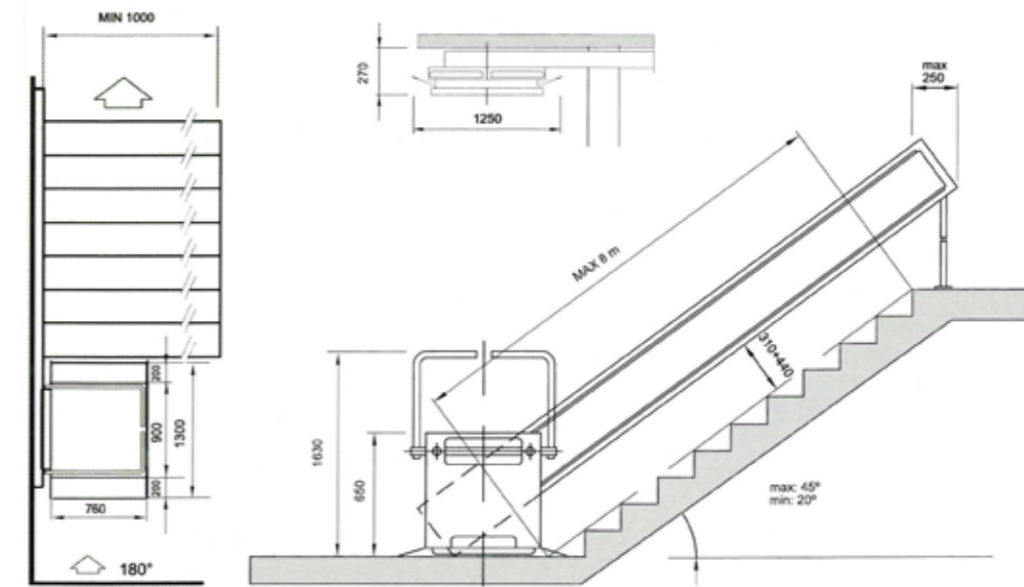
This hydraulically-operated platform enables wheelchair users to negotiate stair ways up to 8 meters long. It is easy to install and can be anchored to either the wall or steps. When the platform is folded away it takes up a minimal amount of space.

The platform, which incorporate all the safety systems required under current European directives, has a maximum capacity of a 150 Kg load and a speed of 0.5 m/s.

It can be adapted for outdoor use and may be operated by either remote or key switch control.

Technical Specifications

- Entrance at 90° and 180°.



Features

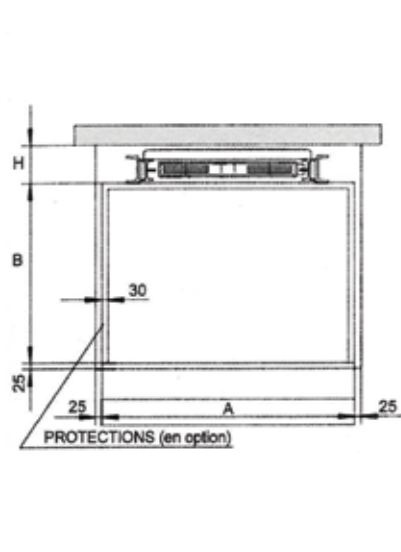
The advantages featured by the Hydraulic elevators with regard to the traditional mechanical pull type may be summarized as follows:

The load to be lifted and the weight gravitate on the building foundation, thus it is not necessary to provide a resistant structure to locate the elevator.

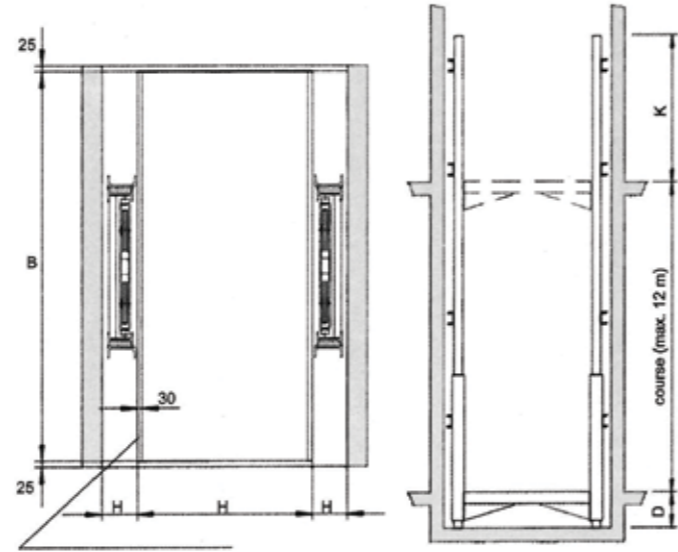
The power unit capable to elevate the load does not require keeping a relative position component, since the power is transmitted by means of a hydraulic liquid, driven by a suitable piping.

The system allows a maximum use of the surface since the useful space means practically a 90 % of the available space.

All our elevators not intended for persons are in accordance with the European machine directive, they are supplied with the manufacturers' certification.



3 sides available like entrances



2 sides available like entrances



It fits to plates from 0,7 to 5mm, fastened through jam-nut. Its innovative domed pressel is made of antifingerprint shot-peened st/steel.

The frontal mounted with 35,2mm round cut-out is in two versions:

- SINGLE LIGHT (Red/Blue illumination)
- DUAL ILLUMINATION (White-Red/ White-Blue/ Green-Red).

The white symbol is permanently illuminated, to enhance the visibility of the pushbutton, while the halo illuminates upon call registration in red or blue.

Upon request, the aesthetics of the button can be supplied in the exclusive versions BLACK LABEL and SATIN BRONZE: a touch of elegance and uniqueness for your fixtures.



Polycarbonate pushbutton, with steel pressel and thermoplastic protruding decoration is in two different versions :

- SINGLE LIGHTING: symbol and halo either red or blue illuminated upon activation ;
- DUAL LIGHTING: white symbol always on, halo either red or blue illuminated upon activation.

It is available with stainless steel or PVD finishings, with 4 differently shaped bezels made of steel or colored plastic.

The square version can be also choosen with «BACK» mounting, allowing the button to be flush with the front faceplate.



Polycarbonate push-button with stainless steel, elliptical design, unique rocker activation, raised symbol and illuminated halo, Braille compliant.

Frontal mounting and fastening with support ring on 0,8mm to 3mm faceplates.

Available either in Light version, with raised symbol and halo illuminated upon activation, or in Dual light version with raised symbol always illuminated and halo lit upon activation

Different colour combinations: red, blue and white LED 24 AC/DC illumination



Hall frontal mounted position indicator snap-on fixed on 3÷0,7 mm faceplates.

Shock resistant polycarbonate screen: dual digits + arrow, 7 segments or dot matrix (Red or blue illumination).

1 line per floor (12 ÷ 2- floors), 1 line per segment (19 ÷ 9- floors), Gray code, MEA/Autinor code versions with wire terminals, more suitable for installations with pre-existing wires.

Pitagora serial version equipped with both wire terminals and 10 poles IDC connectors to facilitate the link to either DMG Playboard controller or DMG DEUM universal encoder.



Glass and Steel Panel

POS.	Landing Doors	Car Doors	C. O.	C. O.	C. H.	C. H.
			Min.	Max.	Min.	Max.
	Illustration	Illustration	(mm)	(mm)	(mm)	(mm)
Door with operator above			600	1800	1900	
			600	1800	1900	
			600	1800	1900	
			600	2100	1900	
			600	2100	1900	
			600	1400	1900	
			600	1400	1900	
			1200	3200	1900	
			600	1150	1900	
			1200	3200	1900	
			900	1450	1900	
			600	1400	1900	
		600	1400	1900		

Maximum clear opening height 3500 mm

Fire Rated Glass Framed Panel

POS.	Landing Doors	Car Doors	C. O.	C. O.	C. H.	C. H.
			Min.	Max.	Min.	Max.
	Illustration	Illustration	(mm)	(mm)	(mm)	(mm)
Door with operator above			600	1800	1900	2500
			600	1800	1900	2500
			600	1800	1900	2500
			1200	2000	1900	2500



Folding Door with Flat Panels

Folding door is the light car door with reduced overall dimensions, it's an ideal solution in case of modernization with limited weight and space. Folding door was developed not only in a way that will not change the weight of the existing lift, but also in a way that will not modify the car structure thanks to its reduced overall dimensions and to its folder opening. It's available also with an integrated mechanical release system for swing landing doors.

- Light, strong and reliable design
- Slim mechanical release
- Sturdy deformation-resistant panels coupled together using high-strength extruded aluminum hinges
- Speed control
- 127/230V - 50/60Hz power input with tolerance of +/-20%
- Closing force limitation
- 24V output signal for light curtains or photocells
- High reliability and performance with ECO drive
- Learning function
- Mechanical release system for swing doors
- Obstacle detection system for both opening and closing operations
- Operator housed in a closed unit
- Wide range of door panel finishes

Car door, with reduced overall height dimensions.



- Reduced overall height dimensions for installations with low shaft head
- New coupler with integrated car door lock
- Pre-adjusted and tested for fast and easy installation
- High speed operation
- 127/230 V - 50/60 Hz Power input with high tolerance
- 24V DC Power output for safety devices
- Continuous door weight detection
- Open force limitation
- Easy speed selection
- Optional settings for special purposes

Swing Door



SD001 SD002 SD003 SD004 SD005 SD006

Floor



Anodised aluminum profiles and skirtings



G1 - 0 Rubber black buttons



LI - 3139 Gray Linoleum



GR1 Porrino Pink Granite



LI - 3075 Cream Linoleum



Matte Golden Colour



G1 - 0 Gray Granite



LI - 3139 Crystal White Granite



GR1 Green Chestnut Granite



LI - 3075 Zimbabwe Black Granite

Wall Panel



Lucido 7



Super Mirror NR.8



Titanium Gold HL



Titanium Gold SM



Pallinato



DAMA Gold Plated



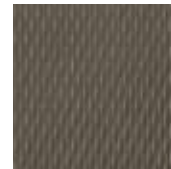
Dama



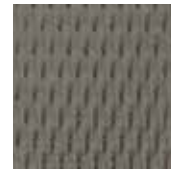
Austenit



Pelle Lucido



2WL SB



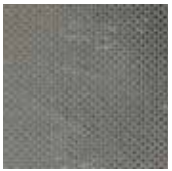
5WL Lucido



5WL SB



Dots Lucido



Lino Lucido



Quadro Lucido



Rombo Lucido



5WL Satinato



LINO Gold Plated

Wood



DE1394-3



DE1878-13



DL14



DL2



DL 18 SMA



DL 43E



DE1751



CD1801-10



CD1818-125



DL1



DE1659



DE1878-2



DL80



MA301



DL4



DE1919-3



DL10



DL28E



DP4



C2



DL22



L14



DEBA10



CR1429



DL6



DE1531



DL20



DL82C