

**J**un í

# Your Partner In Lift Solutions.

Freight and Parking Lift Catalogue.

WWW.RALOE.COM

# Freight and Parking Lift Catalogue

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# Index

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**Product development** 

01

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RALOE





# 1.1

Symbio machine room-less lift for larger duty loads with 4:1 roping.

## Applications

Shopping centres Hotels Hospitals Offices Larger loads Industrial

## Technical characteristics Symbio GC

Rated load (Kg)	3.200 - 7.000
Rated speed (m/s)	0,5 - 1,0
Machine room	CCM / SCM
Travel (m)	Up to 70
Roping	4:1

#### Traction ropes diameter (mm)

Load (Kg)	Car Internal Height (mm)	Aprox. minimum pit (mm)	Aprox. minimum headroom (mm)
7.000	3.000	5.500	2.000
5.000	2.500	4.500	1.600
4.000	2.500	4.500	1.600

Entrances	0ª - 180
Door mechanism	Automati
Panoramic/scenic car options	Ye
Weatherproof	Ye

## Advantages

#### **Confort:**

Roping 4:1 with pulleys under the car frame, providing excellent stability and great comfort.

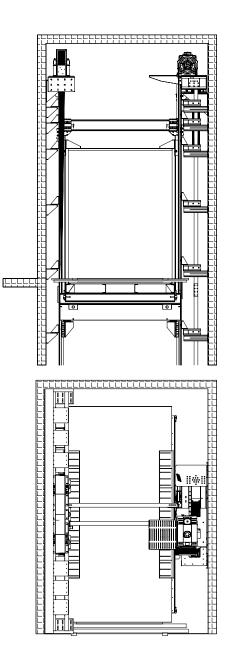
#### **Easy installation:**

Self-supported Bedplate, and pulley beam suited to adapt to the shaft.

#### Adaptability:

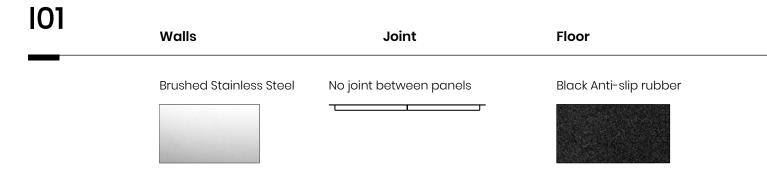
10

Possibility of anti-creep for high specific loads.

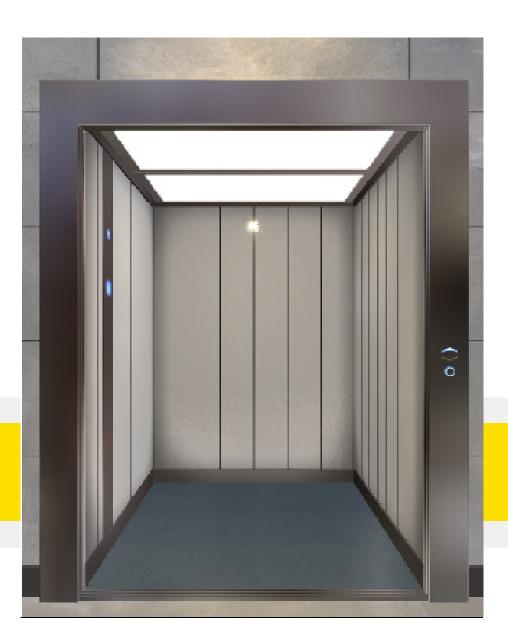


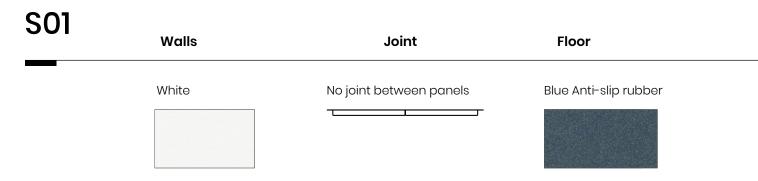
# Car models



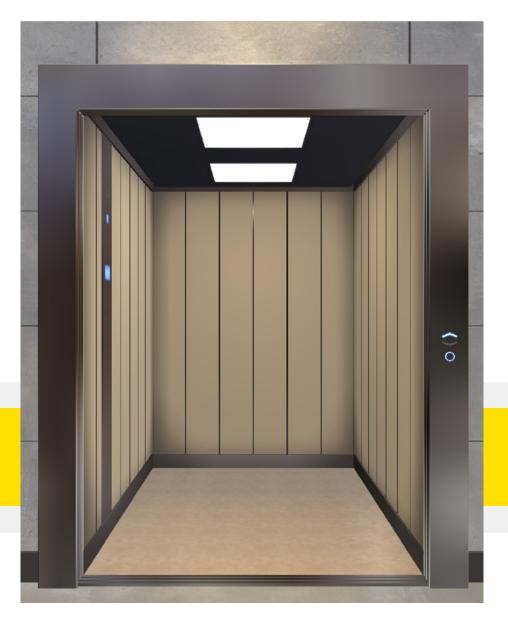


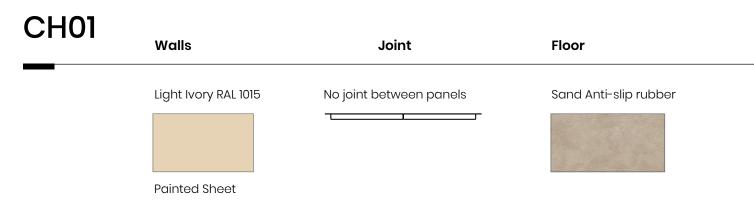












# 1.1.3

Stainless Steel

Beige RAL 1019

Pearl Light Grey RAL 9022

# Car finishes

## Walls

#### **Skinplates**



White



Cream

#### **Painted Sheet**



White RAL 9016



Metallic grey RAL 9006

**2** Tariff Type 2

\* Any other RAL available under request

#### **Stainless Steel**



Brushed



Linen

Polished

Checks



Grey



Simil stainless steel



Black RAL 9005

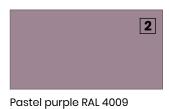
2



Concrete Grey RAL 7023



Light Ivory RAL 1015



Canvas

Available any other finish from:



Leather





\* For Galvanised sheet metal option, ask about finishes.

# Car finishes

## Floors

#### Anti-slip rubber 4,5 kg / m²



Beige



Sand



Oak



Grey



Grey Granite



Grey concrete



Blue



Black

#### **Metallic Floor**



Aluminum checkerboard 6 Kg/m²



Stainless steel 12 Kg/m<sup>2</sup>

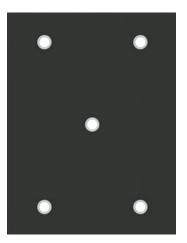


Steel durbar plate 36 Kg/m²

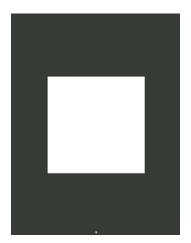


# Car finishes

## Ceilings







LED Panel

LED Spots

Tinted glass

All ceilings can be selected in white, black and stainless steel finishes.

## **Indirect lighting**



Skirting illumination



Car walls illumination



COP Illumination



Ceiling illumination





## **Automatic door**

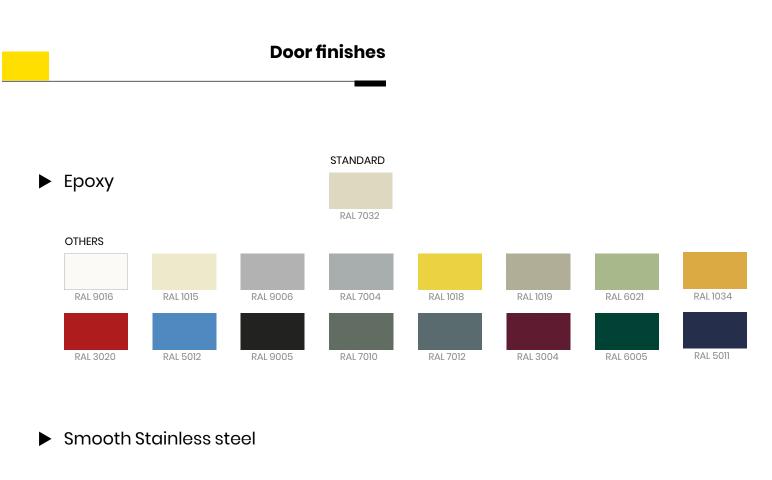


Primed Stainless steel

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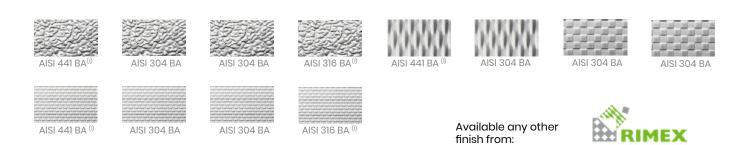


Doors



STANDARD							
AISI 441 2B/BA	AISI 304 2B	AISI 316 2B	AISI 441 2B	AISI 304 2B	AISI 304 2B	AISI 316 2B	AISI 316 4N
DECORATIVE							
AISI 304 BA	AISI 304 BA	AISI 316 BA	AISI 304 BA	AISI 304 BA	AISI 304 BA	AISI 304 BA	
Patternec	Stainless	steel					

## Patterned Stainless steel





# Operating panels & Indicators

## **Car Operating panels**







## Landing operating panels





Surface mounted

With Display



With transparent window plate



With engraving on steel plate

## **Push buttons**



Indicators



SURFACE MOUNTED

# Operating panels & Indicators

## Indicators





7" CARLOS SILVA



10" CARLOS SILVA



# 1.2



Hercules is the twin piston hydraulic lift for persons and loads.

## **Standard sizes**

SW	SD	CW	CD	со
2.300	2.500	1.500	2.200	1.000
2.600	2.500	1.800	2.200	1.500
3.000	2.500	2.200	2.200	1.800
3.150	2.850	2.200	2.500	1.900
3.200	3.150	2.250	2.800	2.200
3.200	3.550	2.250	3.200	2.200
3.450	3.850	2.500	3.500	2.400
	2.300 2.600 3.000 3.150 3.200 3.200	2.3002.5002.6002.5003.0002.5003.1502.8503.2003.1503.2003.550	2.3002.5001.5002.6002.5001.8003.0002.5002.2003.1502.8502.2003.2003.1502.2503.2003.5502.250	2.3002.5001.5002.2002.6002.5001.8002.2003.0002.5002.2002.2003.1502.8502.2002.5003.2003.1502.2502.8003.2003.5502.2503.200

SW: Shaft Width SD: Shaft Depth CW: Cabin Width **CD:** Cabin Depth **CO:** Clear Opening

## Applications

Industrial Heavy Loads

## Freight Lifts use

**Even load distribution.** Manually loaded into the car or by hand pallet truck. For larger loads, anti-creep locks must be used. The packages weight to be loaded shall not exceed Q/4. **High point loads.** A forklift can be introduced into the car.

Minimum

**Comfort:** Comfort: electronic valve train for smoother ride comfort.

## **Technical Features**

Q(kg)

Duty Load (Kg)	1.500 - 10.000*
Duty speed	0,18 - 0,63
Machine room	CCM
Travel	Up to 25m
Roping	1:1 - 2:1
Rope diameter (mm)	10 - 13

**Minimum** Pit

EN81-2
EN81-20
EN81-21

**Standards** 

- (····································	(mm)	Headroom (mm)
Q <= 2.500	1.000	3.245
Q > 2.500	1.035	3.245
Q => 3.500	1.055	3.245
Door type		Automatic
Clear opening		1.300 - 3.000 mm
Hydraulic power	r unit	GMV / MORIS / BUCHER
Control panel:		All
Car models	Q01- (	Q02 - Q03 - Q4 - Q11 - Q12 - Q13 - Q14
Panoramic car		No
Weatherproof		No

\*It shall be technically possible to achieve certain load ranges depending on the characteristics of the installation.





## **Advantages**

#### Safety:

In the event of a power failure, the car travels to the next stop, opening the doors, and easing the removal of the load.

#### **Easy installation:**

The design is focused on reducing the installation hours.

#### Stability:

Includes car braces providing more rigidity and stability.

## Anti-creep system (For high point loads)

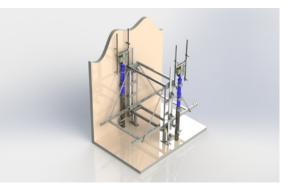
System to maintain the car position locked down during the loading and unloading process.

**Type 1:** When comfort is important. Avoid car movement with 2 or 4 Pawl Devices coupled to the car frame.

NS 40/50, max. load 4,000 kg. NS 70/100, max. load 7,000 kg







**Type 2:** Exclusive for goods lifts. The rupture valve closes the circuit preventing oil leaking.





1.2.3

## Walls

#### **Skinplates**



Stainless Steel



Grey



Simil stainless steel

Cream

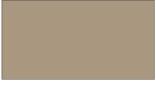
#### **Painted Sheet**



White RAL 9016



\* Any other RAL available under request



Beige RAL 1019







Light Ivory RAL 1015



Pastel purple RAL 4009

Metallic grey RAL 9006

**2** Tariff Type 2

Pearl Light Grey RAL 9022



#### **Stainless Steel**



Brushed

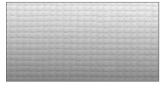


Linen



Checks





Canvas

Available any other finish from:



Leather





Polished

\* For Galvanised sheet metal option, ask about finishes.

# Car finishes

## **Floors**

#### Anti-slip rubber 4,5 kg / m<sup>2</sup>



Beige



Sand



Oak



Grey



Grey Granite



Grey concrete



Blue



Black

#### **Metallic Floor**



Aluminum checkerboard 6 Kg/m $^{2}$ 



Stainless steel 12 Kg/m<sup>2</sup>



Steel durbar plate 36 Kg/m $^2$ 





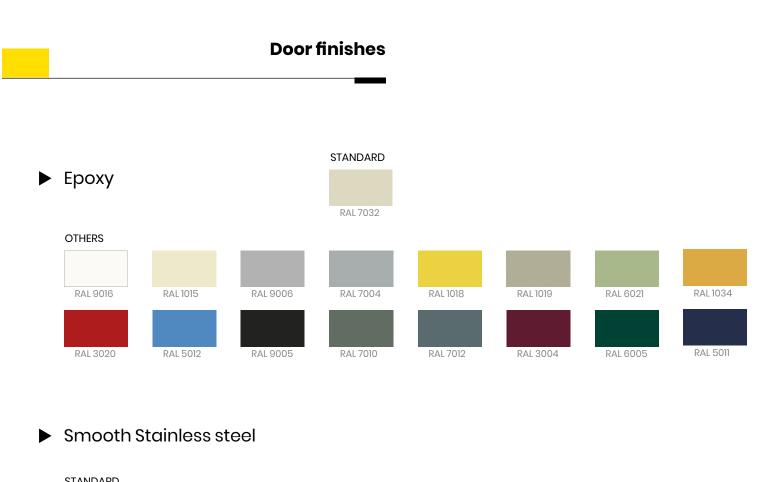
## **Automatic door**



Primed Stainless steel

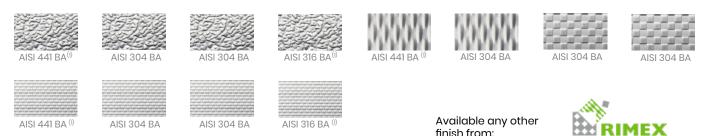
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100	100	-	-	-		-
AISI 304 2B	AISI 316 2B	AISI 441 2B	AISI 304 2B	AISI 304 2B	AISI 316 2B	AISI 316 4N
AISI 304 BA	AISI 316 BA	AISI 304 BA	AISI 304 BA	AISI 304 BA	AISI 304 BA	A
			AISI 304 BA AISI 316 BA AISI 304 BA	AISI 304 BA AISI 316 BA AISI 304 BA AISI 304 BA	AISI 304 BA AISI 316 BA AISI 304 BA AISI 304 BA AISI 304 BA AISI 304 BA	AISI 304 BA AISI 316 BA AISI 304 BA

## Patterned Stainless steel





# Operating panels & Indicators

## Car Operating panels







Freight and Parking Lift Catalogue

## Landing operating panels



With Display



With transparent window plate



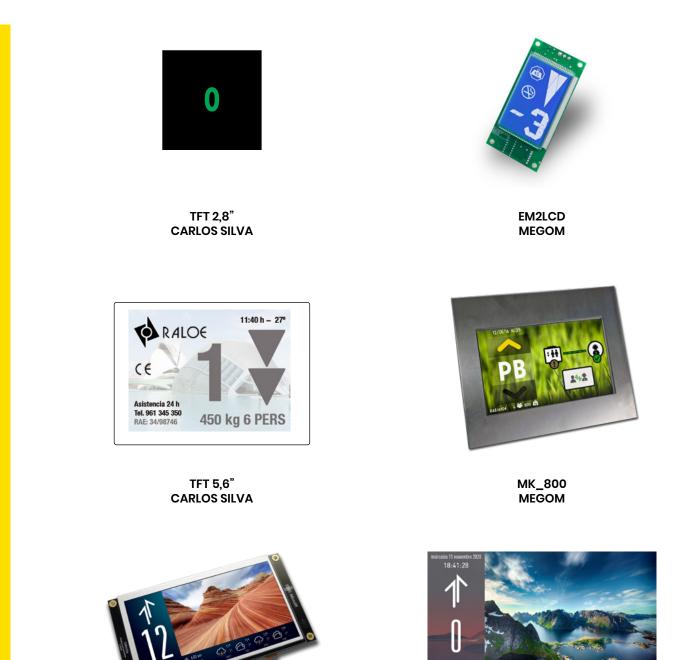
With engraving on steel plate

## **Push buttons**



# Operatin<mark>g panels & Indicators</mark>

## Indicators

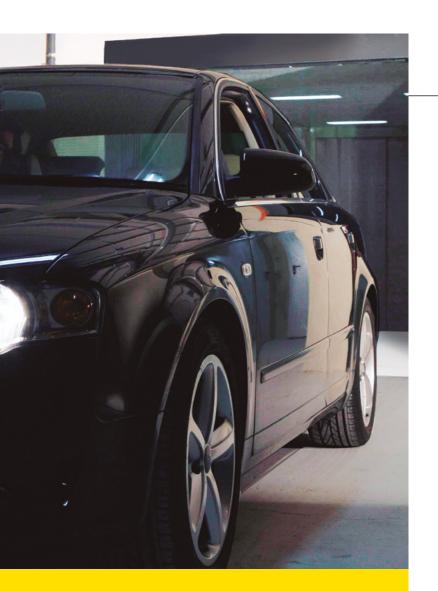


7" CARLOS SILVA 10" CARLOS SILVA

1000Kg 16 Pers. 🗇 😰 👬 🚔 🚳 🐴 🐨 🚳

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## Applications

Vehicles Residential buildings

## 1.3



Hydraulic Lift for vehicles in compliance with the Lifts Directive.

### Advantages

#### Safety:

In the event of a power failure, the car lowers to the next stop facilitating the exit of the vehicle and the opening of doors (optional).

#### Easy installation:

The design is focused on reducing the assembly hours.

#### Stability:

Includes car braces providing more rigidity and stability.

#### Parking assistance system:

Easy positioning of the vehicle with light curtain. In the upper part of the door, the indicators display whether the vehicle is correctly positioned (optional).

### **Standard sizes**

Q (kg)	SW	SD	CW	CD	со
3.000	3.250	5.300	2.300	4.900	2.100
3.500	3.450	5.400	2.500	5.000	2.200
4.000	3.600	5.900	2.600	5.500	2.300
5.000	3.900	6.400	3.000	5.800	2.500

SW Shaft WidthSD Shaft DepthCW Cabin Width

CD Cabin DepthCO Clear Opening

## Parking Lifts Use

#### Certificate

We have a design exemption for the **ParkingLift** that allows us to optimize the whole car lift for the loads used.

Deviation from standard for surface larger than table 6 in EN 81.20 standard.

#### **Technical Features**

Rope diameter (mm)

Duty Load (Kg)	3.000 - 5.500*
Duty speed	0,18 - 0,5
Machine room:	CCM
Travel	Up to 25 m
Roping	2:1

#### **Standards**

EN81-2 EN81-20 EN81-21

12 - 13

Q (kg)	Minimum pit (mm)	Minimum headroom (mm)
Q <= 5.000	900	2.925
Q = 5.500	1.000	2.925

Door type	Atomatic
Clear opening	2.000 - 3.000 mm
Hydraulic power unit	GMV / MORIS / BUCHER
Control panel	All
Car models	QMC01 - QMC02 - QMC03 - QMC04 - PR40MCB
Panoramic car	No
Weatherproof	No

\*It shall be technically possible to achieve certain load ranges depending on the characteristics of the installation. 1.3.3

# Car finishes

## Walls

#### Skinplates





Stainless Steel



Grey



Simil stainless steel



#### **Painted Sheet**



White RAL 9016



Beige RAL 1019



Black RAL 9005



Pearl Light Grey RAL 9022

#### **2** Tariff Type 2

\* Any other RAL available under request

#### **Stainless Steel**



Brushed



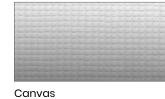
Checks



Linen

Polished

Freight and Parking Lift Catalogue





Leather

# Car finishes

#### **Metallic Floor**



Aluminum checkerboard 6 Kg/m<sup>2</sup>



Stainless steel 12 Kg/m<sup>2</sup>



Steel durbar plate 36 Kg/m<sup>2</sup>

#### **Rubber floors**



Black rubber circles

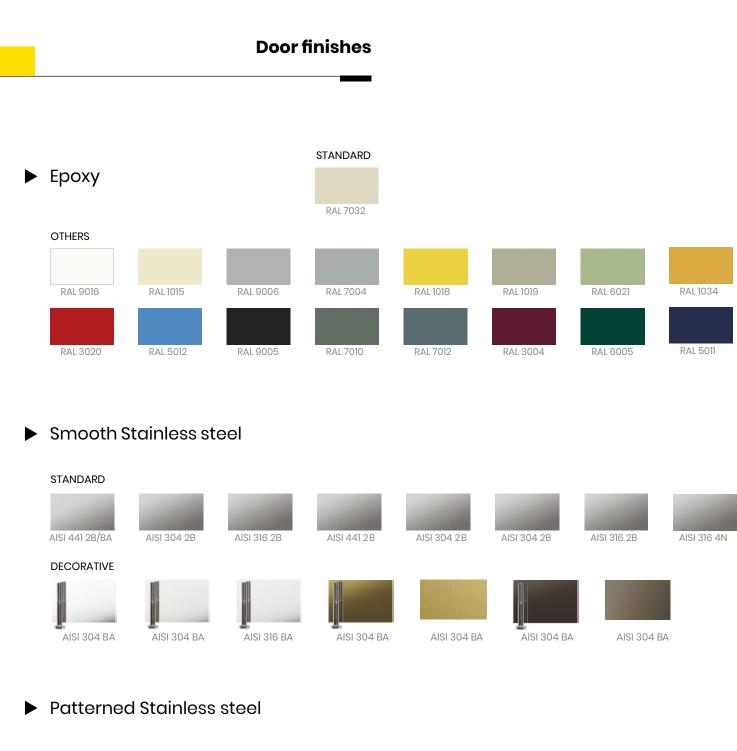
## Automatic door

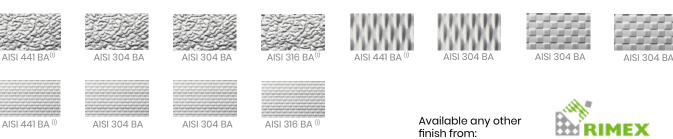


Primed Stainless steel



Doors

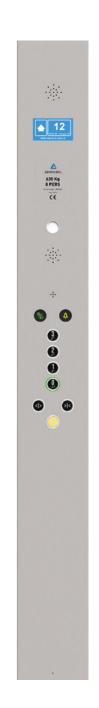






## Car Operating panels







## Landing operating panels



With Display



With transparent window plate



With engraving on steel plate

## **Push buttons**



7" CARLOS SILVA



TFT 5,6" CARLOS SILVA



TFT 2,8" CARLOS SILVA





Indicators



10"

**CARLOS SILVA** 

MK\_800 MEGOM



EM2LCD MEGOM



Operating panels & Indicators



RALOE





Applications

Vehicles Residenciales

## 1.4



Hydraulic platform Lift for vehicles with passengers in compliance with the Machine directive.

### Advantages

Flexibility: Integrated power unit and control panel inside the shaft (MRL).

**Comfort:** Movement through T-profile lift guides, low pressure side acting 2:1 piston. This provides a smoother and less noisy ride.

**Safety:** Calculations in accordance with EN81.20 Standard. Downwards double safety valve. Rupture valve in accordance with EN81.20. Instantaneous safety gear on car frame. Minimum pressure safety valve. Safety light curtains. A safety level equivalent to that of any lift.

Adaptability: Adjustable wheel distance with different heights to facilitate loading and unloading of the vehicle.

#### **Standard sizes**

Q (kg)	SW	SD	CW	CD	со
2.800	2.950	4.260	2.450	4.200	2.350
2.700	2.950	4.860	2.450	4.800	2.350
2.500	2.950	5.460	2.450	5.400	2.350

SW: Shaft Width SD: Shaft Depth CW: Cabin Width **CD:** Cabin Depth **CO:** Clear Opening

# Taurus Lift Use

#### **Options:**

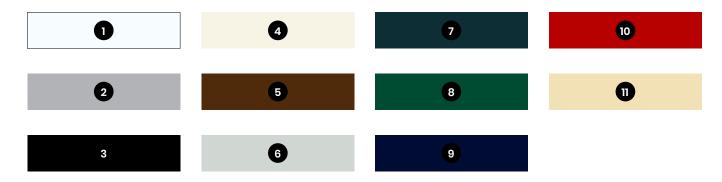
Hörmann sectional doors. Remote controls. Side handrails. Car lighting. Integrated or standard phone.

#### **Technical features**

Duty load(Kg)	2.500 kg.
Duty speed	0,15 m/s
Stops	up to 4 stops
Roping	2:1 (with a single side piston)
Standard pit	350 mm.
Maximum travel	10m
Mínimum headroom	2.200 mm.
Maximum power	9,5 kw

## Taurus door finishes:

### 11 colours, same price





For other configurations or shaft sizes, please consult us.



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