



synergy

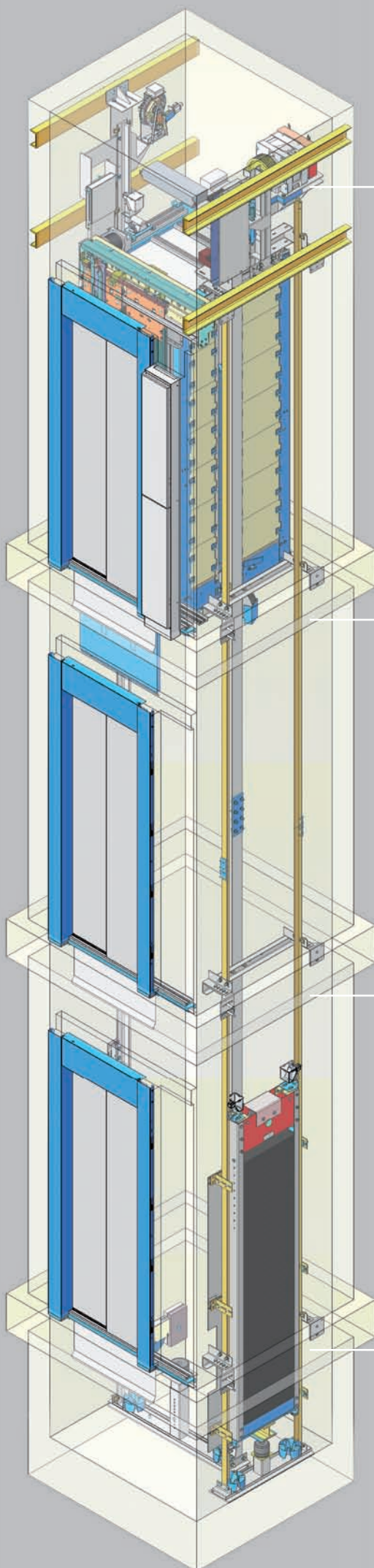
ONE WORLD. ONE COMPANY. ONE SOLUTION.

ThyssenKrupp Elevator
Manufacturing Spain



ThyssenKrupp





The motor is a permanent-magnet synchronous gearless machine. It is located in the shaft head on a bedplate fixed to a car guiderail and to the shaft wall. The speed governor is fixed to the other car guiderail.

The controller is installed in a control cabinet next to the landing door at last stop. The VVVF frequency inverter is located in the shaft head.

Synergy is a 2:1 rope suspension, with diverting pulleys below the cabin. The ropes are fastened to guiderails up-end.

For synergy at 1m/s car no sling is required. Synergy 1.6 m/s requires sling.

S1: an innovative design for every kind of building

Around the light.

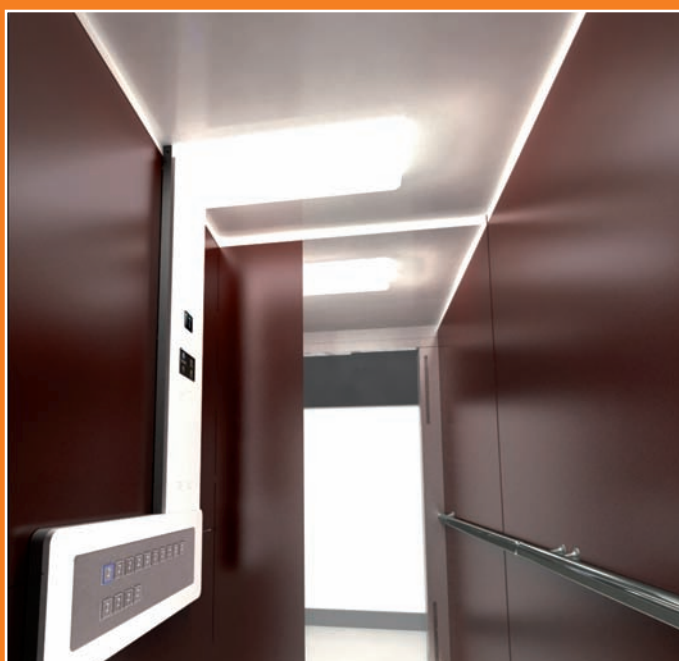
"We present a unique new transportation and meeting space.

A bright and great space with a fresh and elegant design".

Vicente Porres, S1 cabin designer.

S1 is a new elevator concept: a "transportation space" with a modular car operating panel system and LED lighting which perfectly adapt to every cabin maintaining a unique style.

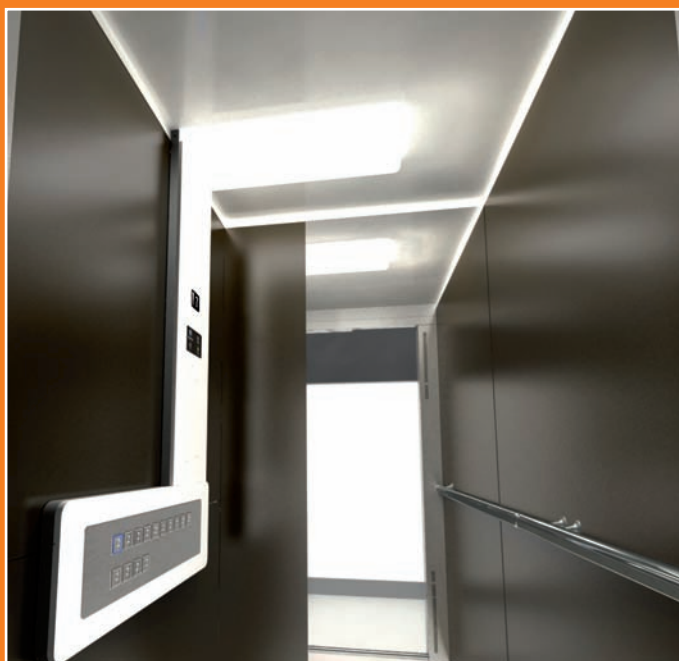




RED-FIRE



WHITE-AIR



BROWN-EARTH



BLUE-WATER

S1: decorating the future

S1 cabin decoration has been awarded with the Chicago Athenaeum Museum Good Design Award 2010, building equipment category.



THE CHICAGO
ATHENAEUM
MUSEUM OF
ARCHITECTURE
AND DESIGN

5 elegant colours
will perfectly match
your needs.



FLAT COLOURS

01 S1 Black

02 S1 Fire

03 S1 Earth

04 S1 Water

05 S1 Air

FLOOR

Polymeric Floor

  <p>Only double entrance 180°</p>	  <p>Single and double entrance 180°</p>	<p>Vertical Car Operating Panel.</p>
  <p>Only single entrance</p>	 <p>LOP with arrows</p> 	 <p>1 standard handrail. 2 or 3 more handrails as an option.</p>  <p>LIP 7 COP (standard).</p>  <p>LIP 7 LOP.</p>  <p>Programmable LCD TKE. Hall and cabin indicator (optional).</p>

Millenium Classic: the exclusive design with multiple options

This cabin has been specially designed to overcome architectonic barriers and complies with all requirements established by the European Normative EN 81-70 for accessible lifts.

Its main highlights are the horizontal car operating and lighting panels. The buttons include Braille and audible and visible call indication.

The decoration is based on horizontal panels made on Melamine in the standard version or in three different stainless steel as an option.



FLAT COLOURS

01 Light Yellow

02 Beige Arena

03 Orange

04 Lavender

05 Montana Grey

WOOD

01 White Beech

02 Swiss Pear

03 Cherry tree

FLOORS

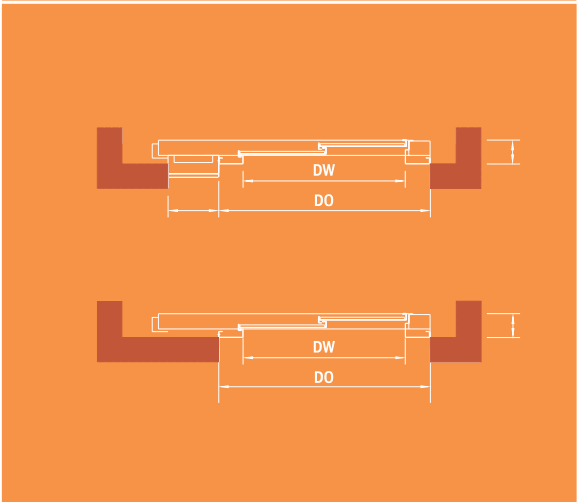
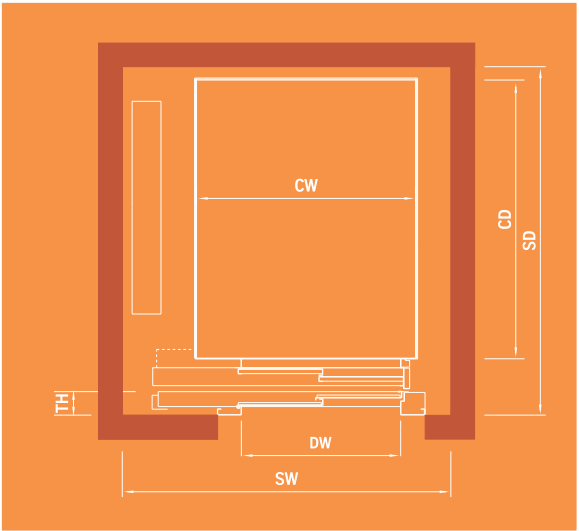
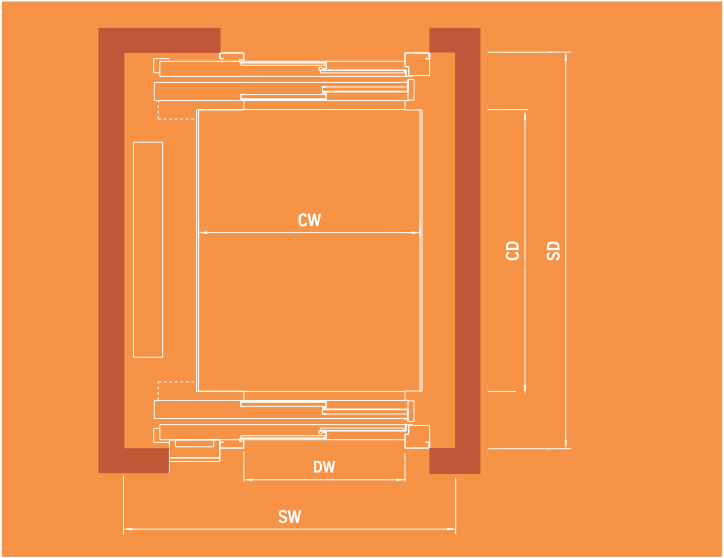
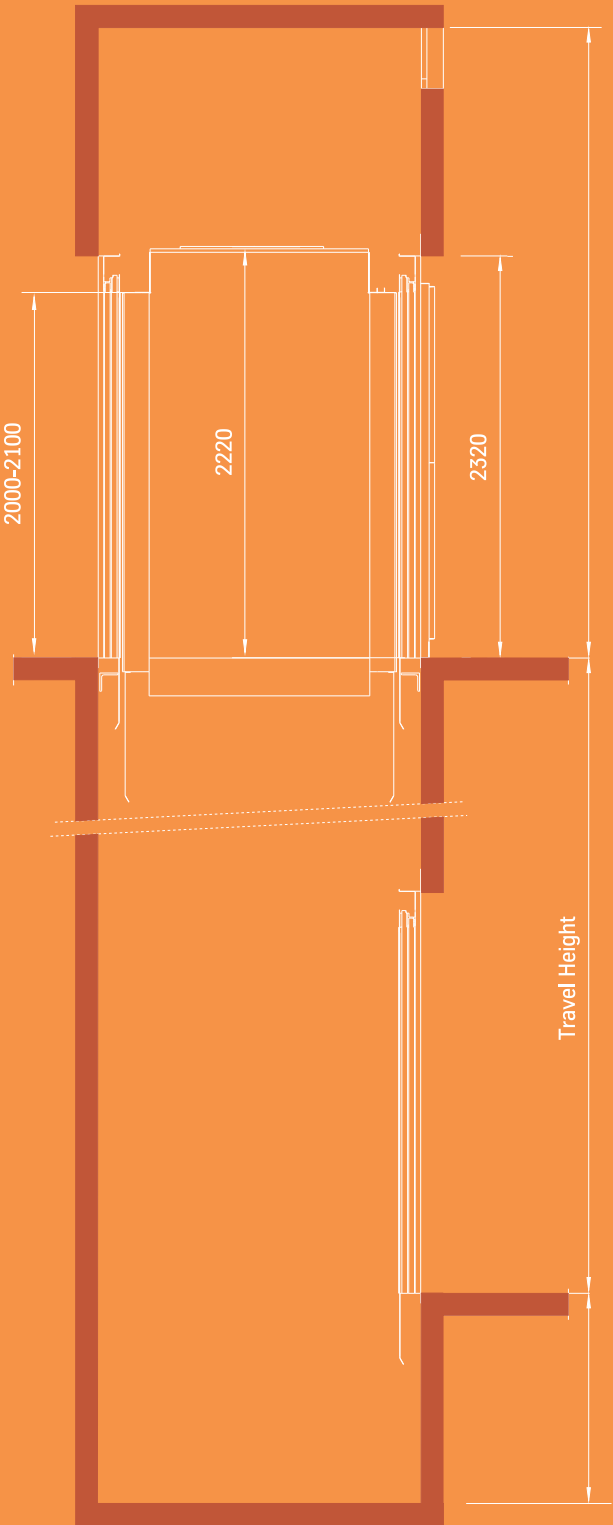
01 Grey

02 Dark blue

03 Anthracite

	 <p>Step module (standard)</p>		<p>Optionally, handrails can be placed at one, two or three walls. Also an aluminium skirt can be supplied upon request.</p>
	 <p>Antivandalic CEHAM push buttons (optional)</p>		<p>Antivandalic CEHAM landing push buttons.</p>
 <p>Programmable LCD TKE hall indicator (optional)</p>	 <p>Programmable TKE LCD COP (optional)</p>		<p>LCD displays: LIP4 in the standard version and programmable LCD TKE.</p> <p>The lighting device based on fluorescent is located at the top of the wall opposite to COP wall.</p> <p>Fluorescent lighting (standard). LED lighting (option).</p>
			

synergy, great value with reduced size





S1 main features

MOTOR / DRIVE / POWER SUPPLY		CAR DOORS	
Gearless machine	●	VF08 Stainless steel car doors	●
Frequency converter VVVF	●	Electric photocell	●
Power supply 3 x 400 V - 50 Hz	●	Door nudging	○
Lighting voltage 220V	●	Central opening doors	○
Connection to emergency power supply	○	Light curtain	○
Power supply 3 x 415 V - 50 Hz	○	Other doors	○
Power supply 3 x 220 V - 60 Hz	○	LANDING DOORS	
CONTROLLER		Primed coating two panels telescopic sliding doors	●
CMC4 down selective	●	Doors in the shaft	○
Control cabinet in painted steel sheet	●	Doors in the slab	●
Up & Down collective-Selective	○	Stainless steel landing doors	○
Duplex Controller	○	Central opening doors	○
Advanced door opening	○	Other landing doors	○
Fire Evacuation system	○	COMMUNICATIONS	
Firemen service	○	EAR communication system	●
Groups with different number of stops	○	2-way intercom	○
Control cabinet in stainless steel	○	3-way intercom	○
Control cabinet at more than 5m from VVVF	○	Other communication system	○
Automatic Rescue Device	○		

● Included in the Base Price ○ Optional NA Not available

S1 decoration

CAR EQUIPMENT	
S1 decoration (K29)	●
Mirror at rear wall	●
Polymeric flooring	●
Flooring prepared for marble/granite (20 mm)	●
1 handrail	●
Stainless Steel walls	NA
Aluminium skirt	NA
Fan / Escape hatch	○
OPERATING AND INDICATING ELEMENTS	
S1 push button	●
Alarm push button	●
LOP in doorframe	●
LCD Car indicator LIP 7 with floor and scrolling arrows	●
1 hour emergency light	●
Programmable LCD TKE	○
Voice announcement	○

● Included in the Base Price ○ Optional NA Not available

Millenium decoration

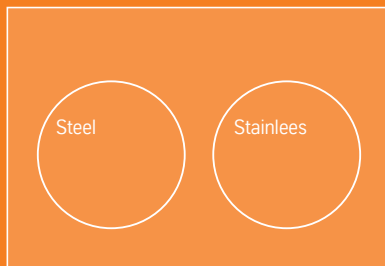
CAR EQUIPMENT	
Millenium decoration (K29)	●
Half mirror at rear wall	●
Polymeric flooring	●
Flooring prepared for marble/granite (20 mm)	●
1 handrail	●
Stainless Steel walls	○
Aluminium skirt	○
Fan / Escape hatch	○
OPERATING AND INDICATING ELEMENTS	
Step Module BST	●
Alarm push button	●
LOP in doorframe	●
LIP 4 car indicator with floor and scrolling arrows	●
1 hour emergency light	●
Programmable LCD TKE	○
Voice announcement	○

● Included in the Base Price ○ Optional NA Not available

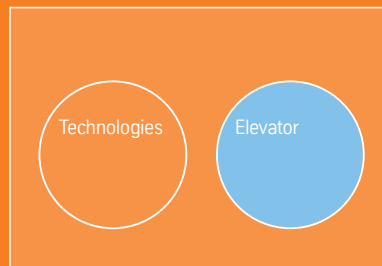
THYSSENKRUPP IN BRIEF

With sales of more than 42 billion euros and 177,000 employees all around 80 countries, ThyssenKrupp is one of the world's major technology groups and occupies excellent positions on the international markets. The three main business areas of steel, capital goods and services, organized in five segments – Steel, Stainless, Technologies, Elevator and Services – mark out the Group's areas of competence.

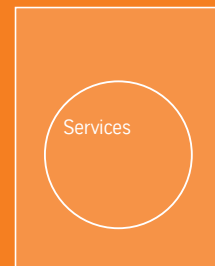
STEEL



CAPITAL GOODS



SERVICES



ThyssenKrupp Elevator is one of the leading elevator companies in the world and represented all over 900 locations in more than 60 countries. With more than 44,000 employees, the company generates more than 5.2 billion euros sales. Products include passenger and freight elevators, escalators and moving walks, stair and platform lifts, passenger boarding bridges as well as quality service for all products.

ThyssenKrupp Elevator

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sustainable  efficiency