

# Mechanical stairs

## Mobility

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The escalators stand out for their robustness and the ease they have to transport a large number of users at different levels in a short period of time (up to 9,000 people per hour).

Our designs offer their passengers an excellent quality in their components, as well as the safety required by current regulations; in this last point, we try to be above expectations.

This mobility solution is designed for areas with a large influx of public such as shopping centres, hotels or official buildings and can be installed both indoors and outdoors.

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4500 - 9000 People/hour



30° and 35°



Maximum height 14 m



Electric



Step width 600 - 1000 mm

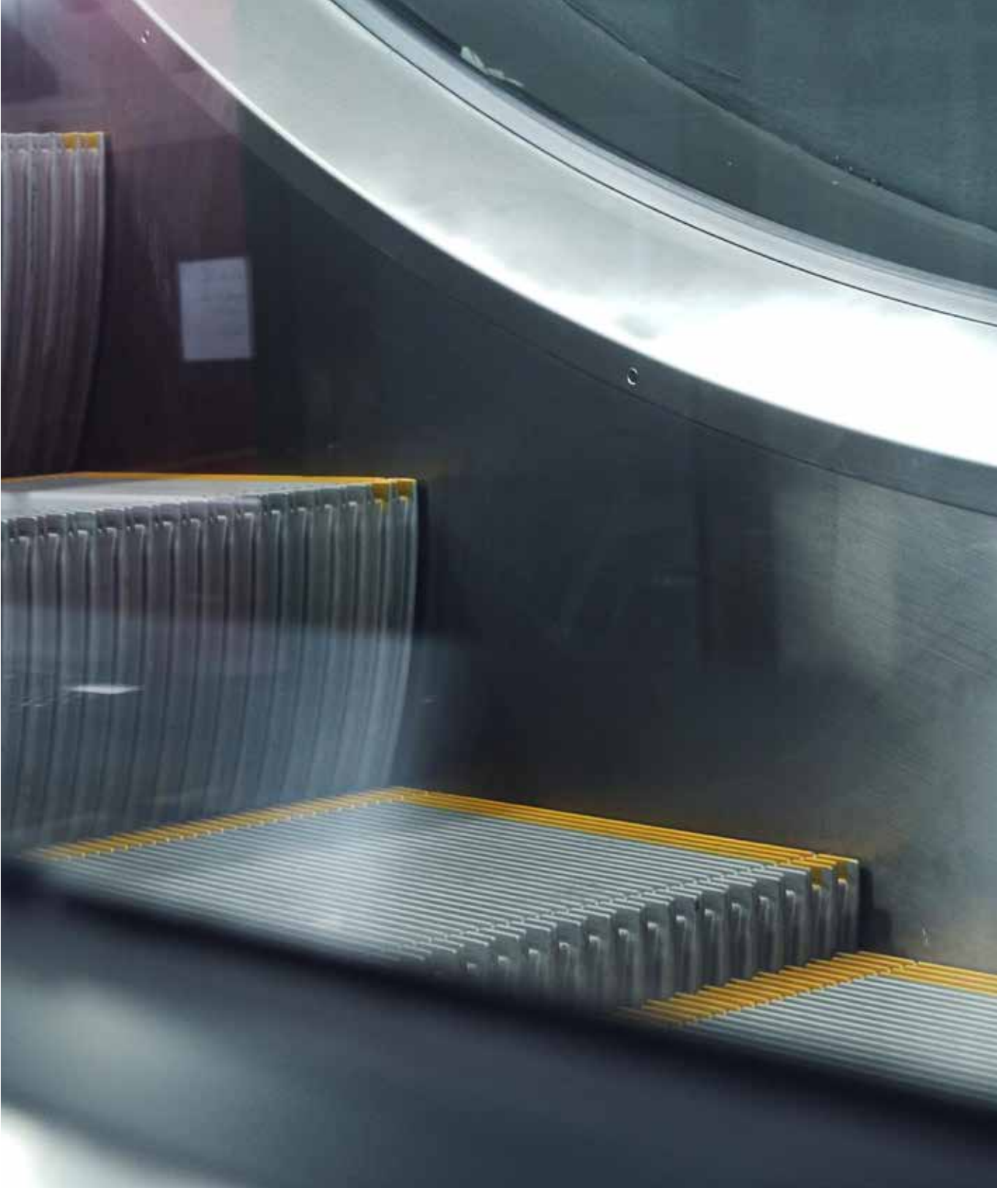


Speed 0,50 m/s

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### Basic configuration

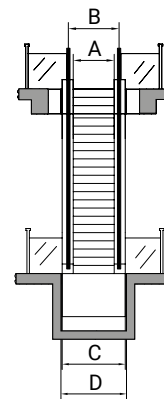
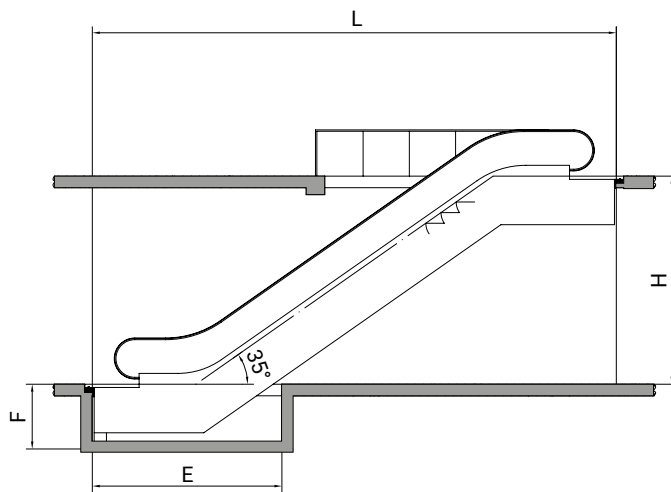
- Auto-lube.
- Auxiliary brake, according to EN-115.
- Black handrail
- Contact for static electricity.
- Emergency stop push button.
- Security contacts in railing entrance.
- Security contact in the chain.
- Direction change sensor.
- Short circuit contact.
- RCD (Residual current device) protections.
- Speed sensor.
- Emergency sensor for break of rung and chain.
- Light in access/exits.
- Fault log display.



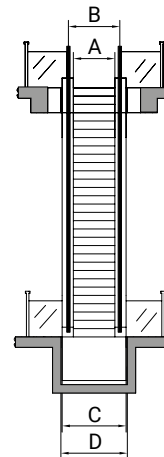
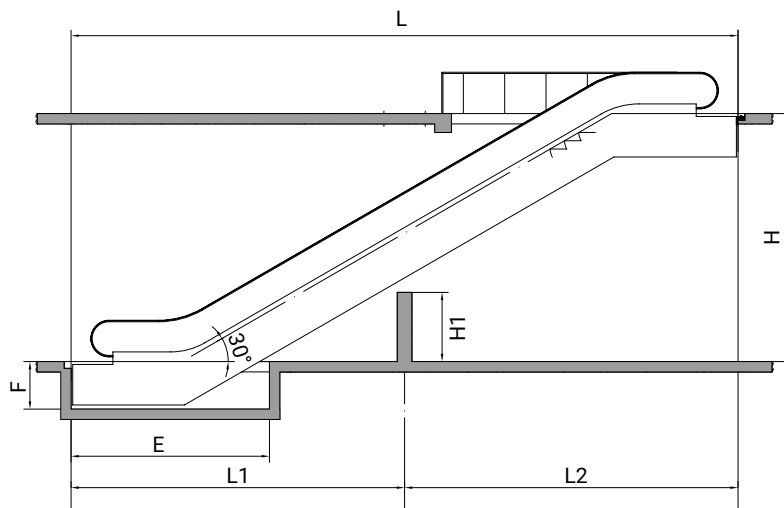
# Mechanical stairs

## Layouts and drawing

### Model 35°



### Model 30°



- A Step width
- B Length between handrails
- C Outside width
- D Pit width
- E Pit depth
- H Maximum height
- F Pit height
- L Distance between landings

## Mechanical stairs

REFERENCE	Characteristics				Dimensions					Pit					
	PH	H mm	I	V m/s	A mm	B mm	C mm	LX mm	L mm	D mm	F mm	EP	E mm		
<b>Model 35°</b>	4500	6000	35°	0,5	600	838	1140	13473	(H x 1,428) + 4905	1200	1400	2	4100		
	6750	6000	35°	0,5	800	1038	1340	13473		1400	1400	2	4100		
	9000	6000	35°	0,5	1000	1238	1540	13473		1600	1400	2	4100		
<b>Model 30° Single</b>	4500	6000 10000	30°	0,5	600	838	1140	15150	(H x 1,732) + 4765	1200	1400	2	4300		
	6750		30°	0,5	800	1038	1340	23065*	(H x 1,732) + 5745	1400	1400			3	4800
	9000		30°	0,5	1000	1238	1540			1600	1400				
<b>Model 30° Double</b>	4500	6000 10000 <sup>(1)</sup>	30°	0,5	600	838	1140	15150	(H x 1,732) + 4765	1200	1150	2	4300		
	6750		30°	0,5	800	1038	1340	23065*	(H x 1,732) + 5745	1400	1150			3	4800
	9000		30°	0,5	1000	1238	1540			1600	1150				
	<b>PH</b>	People per hour			<b>LX</b>	Maximum length without support				<b>EP</b>	Flat steps in landing				
	<b>H</b>	Maximum height			<b>A</b>	Step width				<b>D</b>	Pit width				
	<b>I</b>	Inclination			<b>B</b>	Length between handrails				<b>F</b>	Pit height				
	<b>V</b>	Speed			<b>C</b>	Outside width				<b>E</b>	Pit depth				
					<b>L</b>	Distance between landings									

\*It takes 1 pillar of reinforcement; the measurements of L, L1 or L2 should not exceed 15 metres when using a pillar.

The height of said pillar corresponds to  $H1 = 0.57735 * (L1 - 2.685) - 1.435$

\*(1) The 10000 mm model is an individual model

-The individual model of 35° and 30° can go both indoors and outdoors, the 30° double model can only go indoors.

-Standard dimensions.

-The supply and assembly of escalators and moving walkways will only be carried out with in Spanish territory.

-If the steps of your escalator do not correspond to that of the standard measurements consult our sales team.

# MOVING WALKWAY

