

iwalk

Explore the versatile moving walk

ThyssenKrupp Elevator



ThyssenKrupp



iwalk is an innovative moving walk created as a result of finding out our customer needs through careful research and surveys. With increased interior space for large trolley use but reduced outer dimensions, iwalk is establishing a new industry benchmark.

Evolving from escalators, moving walks have existed for over 100 years. Today they play an integral part at airports, shopping centers, exhibition centers, underground, railway stations and more. Unfortunately, the sheer size of most of these moving walks requires current construction designs to include major civil work. In some cases, installation is even impossible. Therefore, at ThyssenKrupp Elevator we asked ourselves: Is it possible to devise a product that solves all existing design problems?

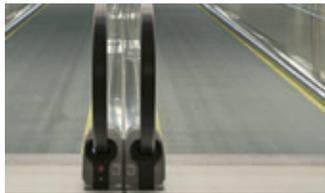
The answer: iwalk – our easier, cutting-edge solution!

Summary of features

- Easier integration
 - No building modifications needed
 - Less or no civil work involved
- Easier relocation
 - No pit or crane needed, especially for the pitless version
- Easier building construction
 - Up to 30% weight reduction means lower static requirements
- Easier planning
 - More ceiling height on lower levels
 - Last-minute changes possible
- Easier for users
 - Increased interior dimensions give users more space, yet outer dimensions remain the same
- Easier refurbishment
 - Outer cladding can be easily changed
- Easier exit with trolleys
 - Nearly flat comb height
 - Greater convenience
- Easier for safety
 - Full-length balustrade
 - Reduced stumbling risk
- Easier on the environment
 - Reduced freight volume
 - Smaller CO₂ footprint
- Easier design
 - No visible fastening elements
 - Modern aesthetics
- And more!
 - These are just a few of iwalk's main features... you'll find much more inside!

iwalk Advantages

Easier for your project. Proven state-of-the-art technology, simple installation and excellent service guarantee the highest project efficiency and reliability.



Highest flexibility

Flexibility and versatility are key features of iwalk. Thanks to the modular structure, innovative customized solutions are readily available for new projects.

The pitless iwalk in particular can be installed without costly civil work and modified by adding or removing sections for faster, easier refurbishment or relocation.

Easier for your needs

iwalk is designed to meet the needs of its owner and the user alike. In compliance with the EN 115-1 / ASME 17.1 regulation, iwalk now makes large trolley and shopping cart use possible with its new standard 1,100 mm | 3' - 7" pallet width – there's no need to upgrade to a wider, more expensive pallet band while users are ensured the utmost comfort and safety!

More environmentally friendly

The iwalk design is based on sustainability criteria. Its technical characteristics such as the need for fewer components and a reduction in weight result in lower energy consumption and reduced environmental impact thanks to a reduction in freight volume and packaging waste.

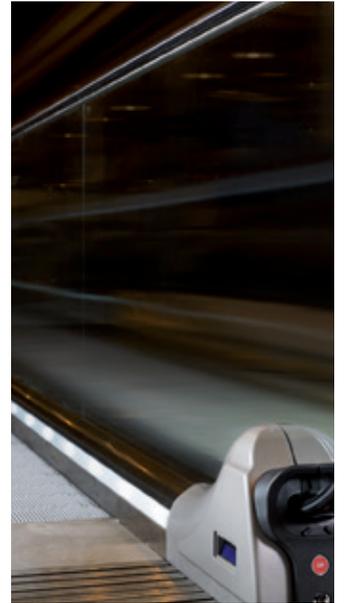
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General configuration

Energy Efficiency Controller

The ThyssenKrupp Elevator Energy Efficiency Controller (EEC) provides one of the newest and best energy saving solutions for commercial use available on today's market. Due to its "plug & save" concept, it can be easily installed in both existing and new units and its save mode, which automatically activates depending on user load, optimizes energy consumption. Its innovative design which uses transformers assures minimum harmonic generation, thus improving efficiency and increasing motor life expectancy.

The exciting bottom line – the EEC means savings for both you and the environment!



Pallet band

iwalk's pallet band is an innovative concept which greatly enhances the traditional design of chain-driven pallets. This results in a chainless band that engages with the pallet band drive system for smooth, safe movement without the need for extra lubrication.

Combs

The almost flat* comb segments greatly reduce stumbling risk, increasing user safety and comfort when exiting shopping center and airport iwalks with shopping carts, trolleys and personal luggage.

* 85% height reduction compared to Orinoco

Balustrade

There are two different types of full-length balustrade. Both the slim version and robust version come in 12 mm | 0' - 0 15/32" safety glass to reduce shattering, the robust version has the added feature of balustrade decking profile for lighting purposes. Both, make iwalk stand out thanks to a distinctive design.

iwalk References

At ThyssenKrupp Elevator, our work is the result of researching customer requirements and successfully finding solutions to make their needs come true.

iwalk is our answer to a multitude of customer needs.



Metro Madrid-Plaza Castilla, Madrid, Spain

Installation of iwalk at Plaza de Castilla metro station for a demo project in February 2010 turned out to be an extremely positive experience. The ability to install iwalk close to the wall and complete the job in only ten days was the key to securing the project contract.



Metro Brasil-Paulista, Sao Paulo, Brazil

iwalk's innovative pitless solution to avoid extra civil work was the main factor why our client chose to install six iwalks at the Sao Paulo Metro in March 2010. iwalk can be installed with inclinations of up to 6°.



Atocha Railway Station, Madrid, Spain

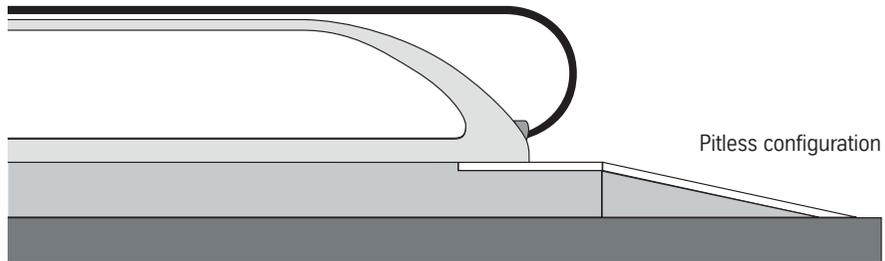
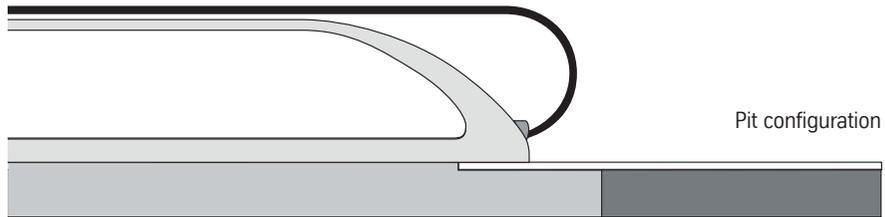
Specific client requirements gave ThyssenKrupp Elevator an advantage over other competitors and greatly influenced the decision to install four iwalks from July to September 2010. Compliance with the newly released EN 115 regulation, which requires moving walks to have 400 mm | 1' - 3 3/4" of free space for trolley or shopping cart use, was another reason why the avant-garde iwalk solution was chosen.



Malaga Airport, Malaga, Spain

Installation of pitless iwalks in November 2010 solved the client's problem of carrying out modernization improvements at Malaga Airport without having to carry out costly civil work.

iwalk
Technical data



Base parameters	Pitless configuration	Pit configuration
Operating speed	0.5 m/s and 0.65 m/s	
Min. length	11.31 m 37' - 1 9/32"	
Max. length	100 m ⁽¹⁾ 328' - 1 1/64"	
Balustrade height	1,000 mm 3' - 3 3/8"	
Inclination	0-6°	
Operating environment	Indoors	
Standards	EN 115-1 / ASME 17.1	
WIDTH		
Outer width	1,505 / 1,805 mm 4' - 11 1/4" / 5' - 11 1/16"	
Pallet width	1,100 / 1,400 mm 3' - 7" / 4' - 7"	
HEIGHT		
Finished floor level to pallet band level	353 mm 1' - 1 57/64"	-7 mm - 0' - 0 9/32"
LENGTH		
End of handrail newel to truss end	365 mm 1' - 2 3/8"	-
End of handrail newel to end support	-	365 mm 1' - 2 3/8"

(1) Reversible up to 60 m | 196' - 10 13/64".

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