

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 features

- Easier integration
No building modifications required*
Less or no civil work involved
- Easier relocation
No pit or crane needed*
- Easier building construction
Up to 30% weight reduction
means easy handling and reduced
dimensioning civil work
- 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
- Easier for safety
Full-length balustrade
Reduced stumbling risk
- Easier on the environment
Smaller CO₂ footprint
- Easier design
No visible fastening elements

- And more!
These are just a few of iwalk's main features... you'll find much more inside!

* Only horizontal iwalk

** Relocation of pitless horizontal iwalk



iwalk Advantages

Easier for your business and for users. The adaptability of groundbreaking iwalk technology allows for easy installation even within the scope of low-cost projects. Professional service assures long-term reliability and safe performance.



Availability and reliability

ThyssenKrupp Elevator's vast experience and commitment to innovation and quality guarantee project success as well as dependable future performance. Our door is always open to find solutions to fit your project needs. With solutions such as iwalk, we ensure complete customer satisfaction.



Highest flexibility

Flexibility and versatility are key features of iwalk due to the horizontal version's modular structure and the easy installation of the whole family. The pitless horizontal iwalk 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 both: our customers and the final users alike. Its modular design optimizes investment, provides efficient solutions, and assures the very best results. In compliance with the EN 115 regulation, iwalk now makes large trolley and shopping cart use possible with its new enlarged 1100 mm pallet width – there's no need to upgrade to a wider, more expensive pallet band and users are ensured the utmost comfort and safety!

iwalk General configuration

Pallet width

While still retaining its reduced outer dimensions, iwalk technology complies with the EN 115 regulation and offers a pallet width of 1100 mm providing greater interior space to comfortably and safely accommodate users handling large trolleys and shopping carts.



Combs

The lower height of the comb segments greatly reduces stumbling risk, increasing user safety and comfort when exiting shopping center and airport iwalks with shopping carts, trolleys and personal luggage.



Balustrade

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



Energy Efficiency Controller

The ThyssenKrupp Elevator Energy Efficiency Controller (EEC) provides one of the newest and best 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!

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 Brasil-Paulista, Sao Paulo, Brazil

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



Metro Madrid-Plaza Castilla, Madrid, Spain

Installation of the horizontal 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.



Atocha Railway Station, Madrid, Spain

Specific client requirements gave us an advantage over other competitors and greatly influenced the decision to install four horizontal and three inclined iwalks from July to September 2010. Our compliance to the newly released EN 115 regulation, which requires moving walks to have 400 mm of free space for trolley or shopping cart use also was another reason why our avant-garde iwalk solution was chosen.

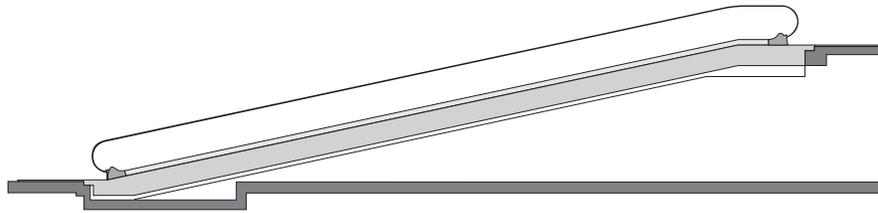


Malaga Airport, Malaga, Spain

Installation of pitless horizontal 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



Inclined iwalk

Base parameters	Pit configuration	
Operation speed	0.5 m/s	
Min. rise	1.5 m	
Max. rise	7 m	
Balustrade height	1000 mm	
Inclination	12°	
Operating environment	Indoors	
Standards	EN 115-1:2008+A1:2010	
WIDTH		
Outer width	1505 mm	
Pallet width	1100 mm	
HEIGHT		
Finished floor level to pallet band level	-7 mm	
LENGTH		
	Upper head	Lower head
End of handrail newel to end support (long upper head - short lower head)	390 mm	10 mm
End of handrail newel to end support (long upper head - long lower head)	390 mm	390 mm

Horizontal iwalk

Base parameters	Pitless configuration	Pit configuration
Operation speed	0.5 m/s and 0.65 m/s	0.5 m/s and 0.65 m/s
Min. length	11.31 m	11.31 m
Max. length	60 m	60 m
Balustrade height	1000 mm	1000 mm
Inclination	0-6°	0-6°
Operating environment	Indoors	Indoors
Standards	EN 115-1:2008+A1:2010	EN 115-1:2008+A1:2010
WIDTH		
Outer width	1505/1805 mm	1505/1805 mm
Pallet width	1100/1400 mm	1100/1400 mm
HEIGHT		
Finished floor level to pallet band level	353 mm	-7 mm
LENGTH		
End of handrail newel to truss end	365 mm	-
End of handrail newel to end support	-	365 mm

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