

TUGELA ESCALATORS



**Versatile, customisable, safe.
Performance you can rely on.**

Our tugela escalator was designed with high passenger volumes in mind and has been based on a public traffic load pattern.

tugela moves people safely in high-traffic areas – all over the world and in all kinds of climates. With dependable technology and components, including our certified brake system, this escalator is an exceptionally reliable partner.

Perfect for the following applications:



Transportation



Entertainment



Retail



Hotels



Offices



Hospitals



Contact

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tugela. Ruggedly reliable.

Key benefits

Sustainable investment

A traffic escalator is an investment in your infrastructure. With its high-quality critical components, including the step chain and drive unit, tugela is the investment that lasts. It's part of the solution to sustaining your infrastructure for decades to come.

Maximum planning freedom

Space, across all three dimensions, is a critical resource in any modern urban environment. That's why tugela uses it wisely. tugela is one of the segment's most compact escalators with the highest possible rise for maximum freedom during project planning.

Incredibly versatile

tugela holds steady in any climate, from high humidity to salty environments to ice-cold temperatures. Technical options like heated handrails and automated chain lubrication, along with product features such as a galvanised supporting structure, make tugela totally weatherproof.

Highly customisable

Some projects are more complex than others and need tailored solutions. tugela's scalable technologies, such as its highly adjustable controller, ensure you get an escalator perfectly tailored to your needs.

Technical specifications

Maximum rise
Metres

22

Inclination
Degrees

24.5 | 27.3
30 | 35

Step width
Millimetres

600 | 800
1,000

tugela specifications

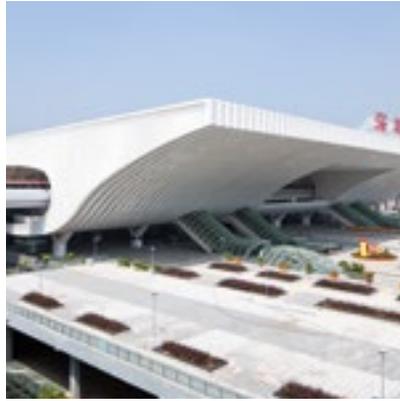
tugela escalator	
Max. rise (metres)	22
Max. capacity (people/hour)	8,200
Inclination (degrees)	24.5 27.3 30 35
Applications	Pedestrian traffic
Step chain roller	Inside
Handrail drive location	Truss
Handrail shape	U-shape V-shape
Climate conditions	Indoor Outdoor
Nominal step width (millimetres)	600 800 1,000
Speed (metres/second)	0.5 0.65 0.75
Horizontal run (millimetres)	800 1,200 1,600
Transition radii Top Bottom (millimetres)	1,050 1,050 1,500 1,050 2,000 2,600
Balustrade	Robust Metal Sandwich
Aesthetic lights	Balustrade Skirt Truss Ambient cladding Soffit cladding
Traffic lights	Floor plate Decking Newel Column
Safety lights	Step gap Comb plate
Drive unit	Chain drive Direct drive
Possible energy efficiency class	A+++

We reserve the right to make technical modifications to our products at any time and exclude all liability. The thresholds shown depend on configuration details and may vary in individual cases. The availability of options and features also depends on individual configurations. Illustrations are intended to aid general understanding and may differ from the actual design.

References



Hamad International Airport
Doha, Qatar



North Railway Station
Shenzhen, China



Exhibition centre Frankfurt
Frankfurt, Germany

TK Elevator eSlider



Define your basic specification!

The digital slide rule gives you all the essential dimensions and values for TKE escalators and moving walks. Simply enter the conveyor height you need and select the angle of inclination and step width!



More details of the eSlider tool are available via this QR code.