

TEKNIX

VERTICAL TRANSPORT SOLUTION

In Collaboration with SRH Aufzüge GmbH



VERTIX

EMPOWERED BY INNOVATION
& TECHNOLOGY

www.teknixelevators.com



SIMPLICITY AT WORK

Vertex

The all new Next Generation Enviro-Friendly Vertex range of elevators from Teknix in collaboration with SRH aufzüge GmbH brings you the ultimate German Technology and Craftsmanship with all the essential features and giving you a unparalleled comfort ride.

Experience elevators that are crafted for Mass Housing projects with ultimate technology backed by Germans.



Teknix is an ISO 9001-2008 certified company. Teknix began with a simple concept: to achieve excellence in vertical transportation. Since three decades in the field of installation, modernization and maintenance of elevators. Teknix Elevators Pvt. Ltd. Management team brings deep expertise in the field of vertical transport technology.

Every product, whether custom-built to client specifications or part of a larger vertical Transportation line, is subject to stringent testing by our in-house R&D. Our commitment and dedication to give our customers a superior and reliable product with Excellent quality and service.

Teknix elevators Pvt. Ltd. has now entered into collaboration with SRH Aufzüge GmbH. The company is located in Bremen, Germany with company's network across 46 countries and regions all over the globe.

In Germany as a member of VFA-Interlift e.V. SRH Aufzüge has participated in Drafting of the EU standards and norms for elevators. SRH Aufzüge GmbH has established its network all over the globe, with a global manufacturing unit based in Germany as well as in P. R. China by the brand name of Sicher Elevator. With Teknix Elevators Pvt. Ltd joining hands with SRH Aufzüge GmbH for the India market we now have technology for elevators with speed up to 8 m/s and German research and development, leading to the best of the vertical transport solution available in India today.

Our partner operations in China covers an area of 1,47,600 Square meters , with overall floor area as big as 1,70,000 Square Meters. Own manufacturing centre, R & D centre, customer service centre as well as fully fledged elevator test tower of 108 Meters height, having elevator with running speed of 8 M/second. Having production facilities and inspecting equipments with world advanced levels from Germany, Italy and other countries to achieve the production capacity of 40,000 units as an annual output. Our Partner companies have 16 Advanced Production lines including fully automatic Sheet metal working line from Salvagnini – Italy, Kuka Robotic Welding from Germany, Fully Automatic Powder painting Line from Wegner – Germany, Raskin Multi Station Turret Punch Line from Switzerland, Beyeler NC-Machining Station from Germany and Many more.

We at Teknix Elevators Pvt. Ltd. now in collaboration with SRH Aufzüge GmbH are supplying elevators with German technology, Research and development in the collaborative name as TEKNIX in collaboration with SRH Aufzüge GmbH.

Vertix 1200 – Geared Elevator

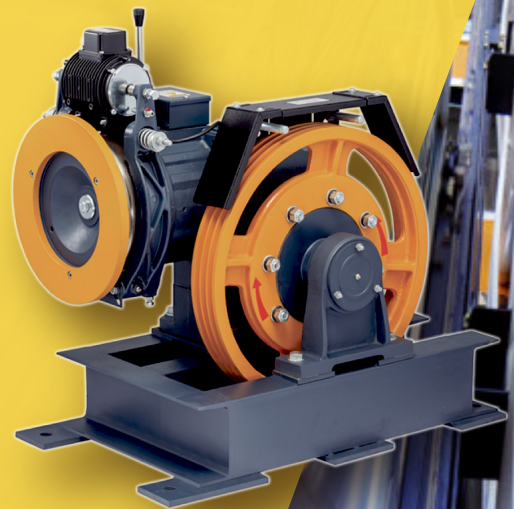
Vertix 1200 from TEKNIX delivers the highest standards to engineering, comfort and durability. Featuring a state of the art Geared Traction machine, which can be housed separately in the elevator machine room, Vertix 1200 is a result of years of research and technological innovation.

Vertix 1200 comes with geared Traction machine made of high standard Chromium Molybdenum Steel Worm and Bronze gear.

State of the art micro controller technology with parallel communication protocol for precise control and utmost passenger safety.

SMT – Surface Mount Technology enhances the reliability and Scalability.

Uses PWM Dead Time Compensation technology and dynamic PWM Carrier Modulation technology to reduce noise and motor energy loss.





Features



Teknix being known for its safe & reliable elevator systems, we uphold our pride of providing the safest elevators with our Highly reliable Unintended Car Movement Device, peace of mind provided complimentary.

- Vertex 1200 comes with a unique feature “Anti Squeeze Door Systems” This system works in addition to the Infrared door curtains, by sensing the object when it touches the doors and returning it back.
-
- Vertex 1200 comes with Variable Voltage Variable Frequency (VVVF) control, ensures upto 50% energy savings compared to conventional elevators. It also Provides a comfortable ride with jerk-free starts and stops and prevents wear and tear of components, which means less downtime and huge savings on spares.

Type : Machine Room

Capacity : 408-544 Kgs (6 & 8 Pax)

Speed : 0.63 MPS

Landings : 2- 10

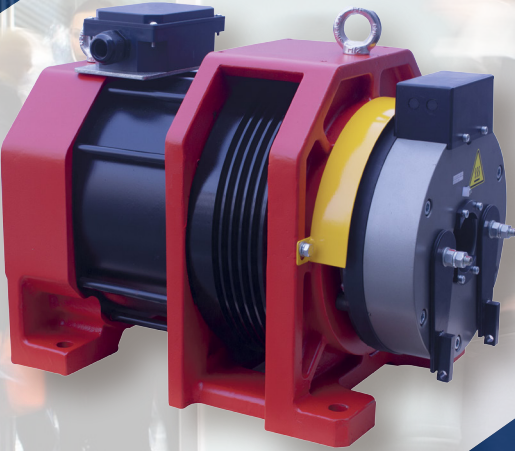
Drive : Geared / Frequency Controlled

Operation : Down Collective

Door width : 700/800mm

Door height: 2000mm

Door Opening : Center opening / Telescopic opening



Vertex 2200

Gearless Elevator

The all new Vertex 2200 is a world class Gear-less Machine room less elevator that fulfills all your needs for the vertical transportation for your project.

- Machine room-less resulting in reduction of huge civil cost and offers more usable space.
- State of the art highly reliable and efficient integrated controllers with advanced direct landing technology and self diagnostic systems for ultimate performance and minimum down time of the elevator.
- Rotary encoder to give real time RPM feedback to the controller which helps in precise leveling and smooth start/stop of the elevator with enhanced safety of passengers
- SMT – Surface Mount Technology enhances the reliability and Scalability.
- Uses PWM Dead Time Compensation technology and dynamic PWM Carrier Modulation technology to reduce noise and motor energy loss.

Features



Teknix being known for its safe & Reliable elevator systems, we uphold our pride of providing the safest elevators with our Highly reliable Unintended Car Movement Device, peace of mind provided complimentary.

- Vertex 2200 comes with a unique feature “ Anti Squeeze Door Systems” This system works in addition to the Infrared door curtains sensing the body when it touches the doors.

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- Direct Landing Technology Vertex 2200 comes with the ultimate riding technology or the direct landing technology that works on Rotary encoder giving the RPM feedback to the Integrated Control System for smoothest ride ever.

Type : MRL/MMR

Capacity : 408-544 Kgs (6 & 8 Pax)

Speed : 1MPS

Landings : 2- 10

Drive : Gearless PMSM/ Frequency Controlled

Operation : Down Collective

Door width : 700/800mm

Door height: 2000mm

Door Opening : Center opening / Telescopic opening



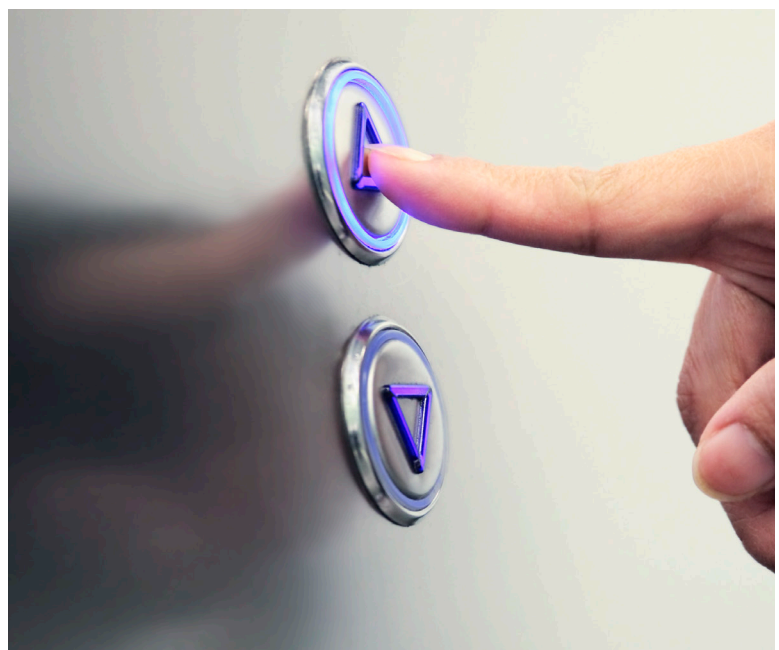
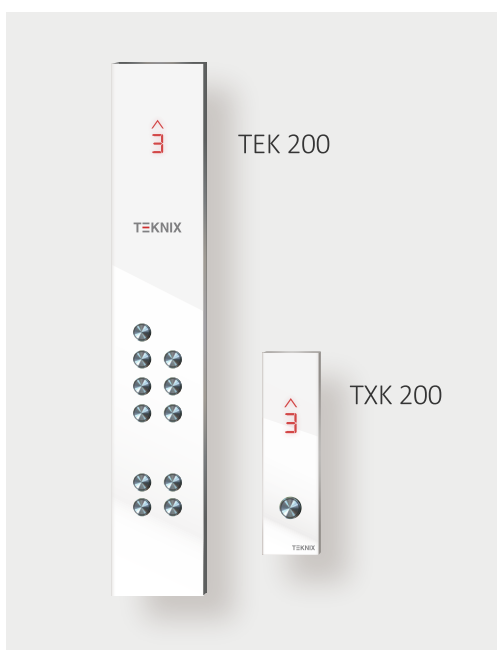
Inox Cabin

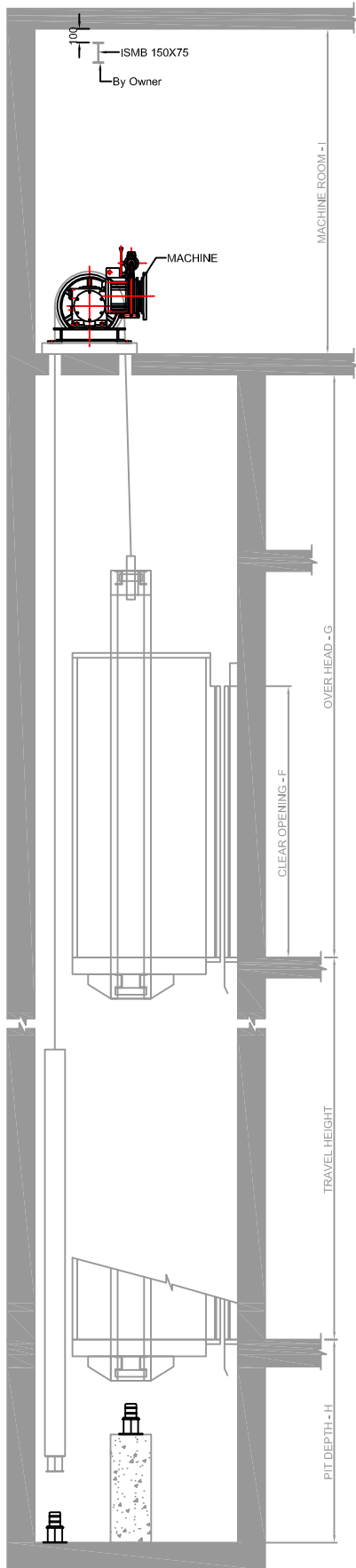
Car Walls: Stainless Steel Hairline Finish
 Lighting: LED – Power Saving Direct Lights
 Flooring: Polyvinyl flooring



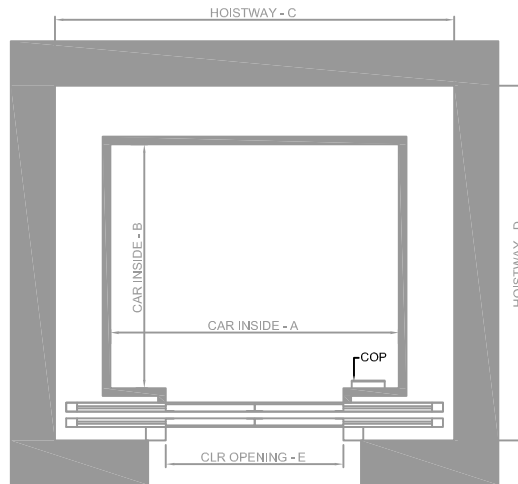
Verve Cabin

Car Walls: Mild Steel Powder Coated with RAL 7035 Shade
 Lighting: LED – Power Saving Direct Lights
 Flooring: Polyvinyl flooring





HOISTWAY SECTION



HOISTWAY PLAN

MACHINE ROOM LESS

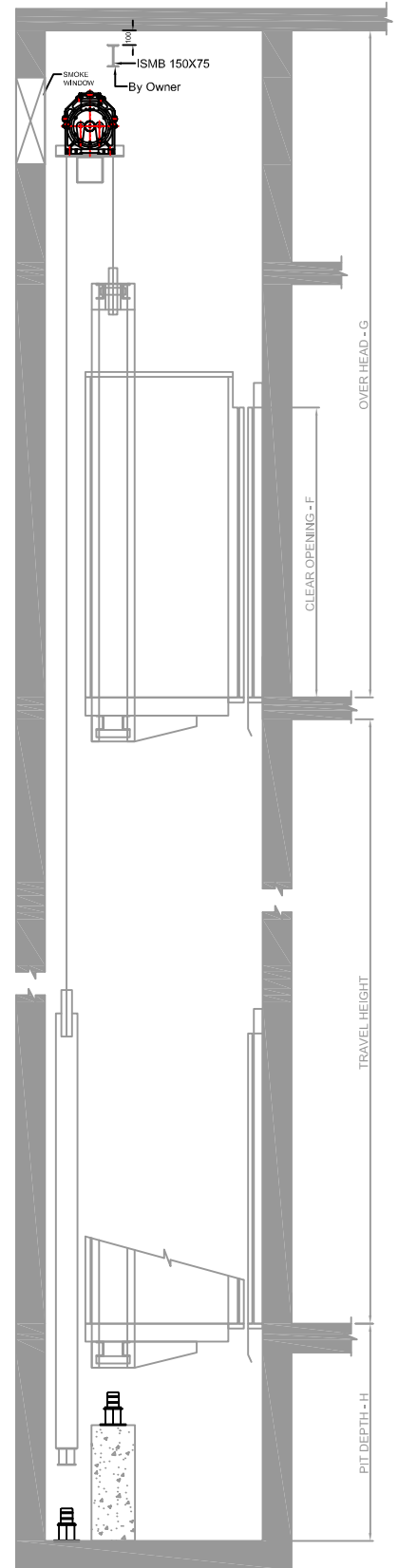
CAPACITY		CAR INSIDE		HOISTWAY		CLEAR OPENING	
PERSONS	LOAD	A	B	C	D	E	F
6	408	1150	950	1600	1500	700	2000
8	544	1300	1100	1800	1600	800	2000

OVER HEAD UP TO 1.00 M/SEC	PIT DEPTH UP TO 1.00 M/SEC
G	H
4600	1500

MACHINE ROOM

CAPACITY		CAR INSIDE		HOISTWAY		CLEAR OPENING	
PERSONS	LOAD	A	B	C	D	E	F
6	408	1150	950	1600	1500	700	2000
8	544	1300	1100	1800	1600	800	2000

OVER HEAD UP TO 0.63 M/SEC	PIT DEPTH UP TO 0.63 M/SEC	MACHINE ROOM HEIGHT	MACHINE ROOM WIDTH & DEPTH MIN.
G	H	I	J
4300	1500	2400	2400X2400







HOISTWAY SECTION



SRH aufzüge GmbH

SRH Aufzüge GmbH is an integrated multinational enterprise which develops, researches & manufactures elevators, control systems & other core components as well as parking system.

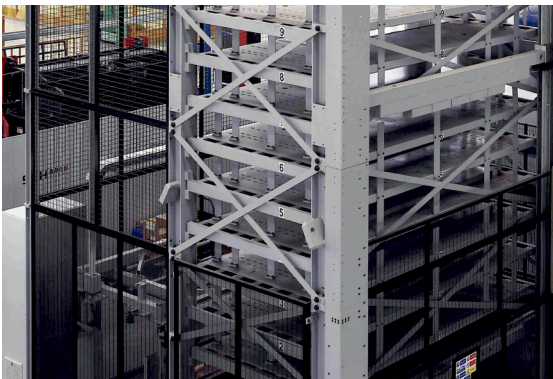


ZERTIFIKAT ♦ CERTIFICATE ♦ CERTIFICADO ♦ CERTIFICAT	
 Certificate Examination of Conformity	
Certificate No.:	KP 1601
Notified Body:	TUV SUD Industrie Service GmbH Zertifizierungsstelle für Produkte der Forsttechnik Westendor 199 80999 München - Germany
Applicant/ Certificate Holder:	Sicher Elevator Co., Ltd. No.1 Sicher Road, Lianshi Industrial Park, Huzhou City Zhejiang Province, P.R. China
Date of application:	2013-09-10
Manufacturer:	Sicher Elevator Co., Ltd. No.1 Sicher Road, Lianshi Industrial Park, Huzhou City Zhejiang Province, P.R. China
Product, Type:	Elevator GRE20
Scope of application:	Rise & fall / s 9.2 m, depending on: - inclination (1.20° / 2.30°) - rated speed (0.5 m/s / 0.75 m/s) - step width (800mm / 800mm / 1000mm)
Test laboratory:	TUV SUD Industrie Service GmbH Prüfzentrum für Produkte der Forsttechnik Westendor 199 80999 München - Germany
Date and Number of Test Report:	2013-09-30 KP 1601
Test specifications:	- 2006/42/EC, Annex I - EN 115-1:2008+A1:2010
Validity:	This certificate is valid until 2018-10-08
Result:	The elevator GRE20 fulfills the requirements of the test specifications for the respective scope of application stated in the annex, page 1, of this certificate, keeping the mentioned conditions.
Date of issue:	2013-10-07
Certification body for lifts and organs  Christian Rübner	
TUV®	

ZERTIFIKAT ♦ CERTIFICATE ♦ CERTIFICADO ♦ CERTIFICAT	
 EC type-examination certificate	
Certificate no.:	MR 114601
Notified body:	TUV SUD Industrie Service GmbH Zertifizierungsstelle für Aufzüge und Sicherheitstechnik Westendor 199 80999 München - Germany
Applicant/ Certificate holder:	Sicher Elevator Co., Ltd. No.1 Sicher Road, Lianshi Industrial Park, Huzhou City Zhejiang Province, P.R. China
Date of application:	2013-09-10
Manufacturer of the test sample:	Sicher Elevator Co., Ltd. No.1 Sicher Road, Lianshi Industrial Park, Huzhou City Zhejiang Province, P.R. China
Product:	Traction driven elevator without separate machine room
Type:	GRIP20/430 kg - 1000 kg
Test laboratory:	TUV SUD Industrie Service GmbH Prüfzentrum für Produkte der Forsttechnik Westendor 199 80999 München - Germany
Date and number of the test report:	2013-09-30 MR 114601
EC Directive:	95/16/EC
Result:	The model lift satisfies the essential safety requirements of the 16th directive 95/16/EC for the scope of application as stated on page 1 to 4 of the Annex to the EC type-examination certificate.
Date of issue:	2013-10-07
Certification body for lifts and safety components Identification number: 0036  Siegfried Meier	
TUV®	

ZERTIFIKAT ♦ CERTIFICATE ♦ CERTIFICADO ♦ CERTIFICAT	
 Certificate Examination of Conformity	
Certificate No.:	KP 1611
Notified Body:	TUV SUD Industrie Service GmbH Zertifizierungsstelle für Produkte der Forsttechnik Westendor 199 80999 München - Germany
Applicant/ Certificate Holder:	Sicher Elevator Co., Ltd. No.1 Sicher Road, Lianshi Industrial Park, Huzhou City Zhejiang Province, P.R. China
Date of application:	2013-09-10
Manufacturer:	Sicher Elevator Co., Ltd. No.1 Sicher Road, Lianshi Industrial Park, Huzhou City Zhejiang Province, P.R. China
Product, Type:	Moving walk GR620
Scope of application:	Max. Length 48.0 m, depending on: - pallet width (800 / 800 / 1000 mm) - inclination (0° / 12°) - rated speed (0.5 / 0.65 / 0.75 m/s)
Test laboratory:	TUV SUD Industrie Service GmbH Prüfzentrum für Produkte der Forsttechnik Westendor 199 80999 München - Germany
Date and Number of Test Report:	2013-09-30 KP 1611
Test specifications:	- 2006/42/EC, Annex I - EN 115-1:2008+A1:2010
Validity:	This certificate is valid until 2018-10-08
Result:	The moving walk GR620 fulfills the requirements of the test specifications for the respective scope of application stated in the annex, page 1, of this certificate, keeping the mentioned conditions.
Date of issue:	2013-10-07
Certification body for lifts and organs  Christian Rübner	
TUV®	

Advanced Equipments





TEKNIX ELEVATORS PVT. LTD.

#353/A 354, 1st Floor, Sree Rajeshwari Towers, 8th Main Road, 4th Block, 3rd Stage,
Bashweshwaranagar, Bangalore – 560 079 | Landmark : Above dominos Pizza.
Ph : 080-41253500 / 41483500 | Toll Free : 1800-200-4990
www.teknixelevators.com | Info@teknixelevators.com

Branch Office

No.1208, Ocus Quantum, Apartment road, orchid island, Sector 51,
Gurgaon, Haryana 122003 | Phone- +91 70651 71333

* 24x7 service is provided for emergency evacuations only. Breakdown services would be provided in regular working hours of regular working days.

*180 mins guaranteed service response is the response time from the time of lodging the complaint on toll free number and it is the time required for the representative to reach the place of installation. 180 mins guaranteed service would be considered only in case the complain is lodged within the working hours of working days.

*Due to continues R&D the product specifications & drawings may change with time, please contact tekniX representative for the latest detailed drawing and specifications