

**TEKNIX**  
VERTICAL TRANSPORT SOLUTION

In Collaboration with  
SRH Aufzüge GmbH

# VERTIX

Empowered by  
Innovation & Technology

[www.teknixelevators.com](http://www.teknixelevators.com)



Finest German  
Craftmanship



# Simplicity At Work

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## 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.

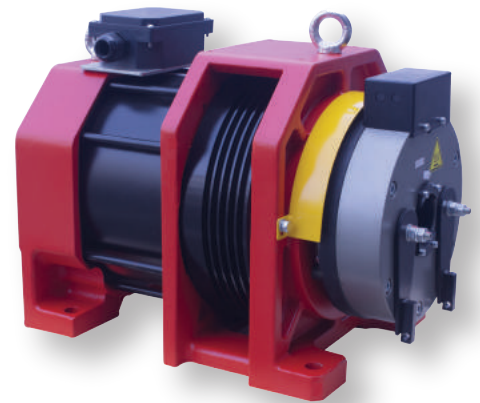
Type : Machine Room  
Capacity : 408-544 Kgs ( 6 & 8 Pax)  
Speed : 0.63 MPS  
Landings : 2- 10  
Drive : Geared / Frequency Controlled

Operation : Down Collective  
Door width : 700/800mm  
Door height: 2000mm  
Door Opening : Center opening / Telescopic opening



# Vertix 2200

Gearless Elevator



The all new Vertix 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.



Rotary Encoder based levelling- Vertix2200 uses Rotary encoder to give real time RPM feedback to the controller which helps in precise levelling as well as for smoothest start/stop of the elevator for enhanced passenger safety.



Direct Landing System- Vertix2200 comes with Direct Landing system which completely expels the need for creeping speed and gives a complete S-curve ride.



Close loop integrated drive system- Vertix2200 range of elevators equipped with Multi-computer based close loop integrated drive system which helps in smoothest start/stop for extra comfort.



# ELEVATOR



## Features

Innovative brilliance. Progressive design.

A range of innovative safety equipments & features combined into one extraordinary symbiosis of vertical mobility.



UCM Device- Protects against unintended car Movement caused by snapping of ropes.



Anti Squeeze door system- Vertex comes with Anti-squeeze door system as a standard which is a add on safety to the light curtains, incase of malfunctioning of light curtain, the motor returns the doors on sensing the pressure of a object or a body in between the doors.



Teknix Rescue Device- Automatic rescue device as a standard which brings the elevator to the nearest floor incase of power failure.



Dual Disc Brakes- Vertex2200 gearless machines are equipped with dual vented disc brakes for a safe and smooth breaking of the elevator.



Fire rated door system- Vertex Doors comes with 120 minutes of fire rating as a standard certified as per the confirmative European code.



Over run protection system- Protects the occupants incase of elevator overshoot or undershoot with three stage terminal limit cut off system for extra occupant safety.



Greentek comes with a Dense infrared curtain with criss cross beams to form a invisible safety net at the entrance of the elevator and quickly responds to any person or object coming into the detection plane.

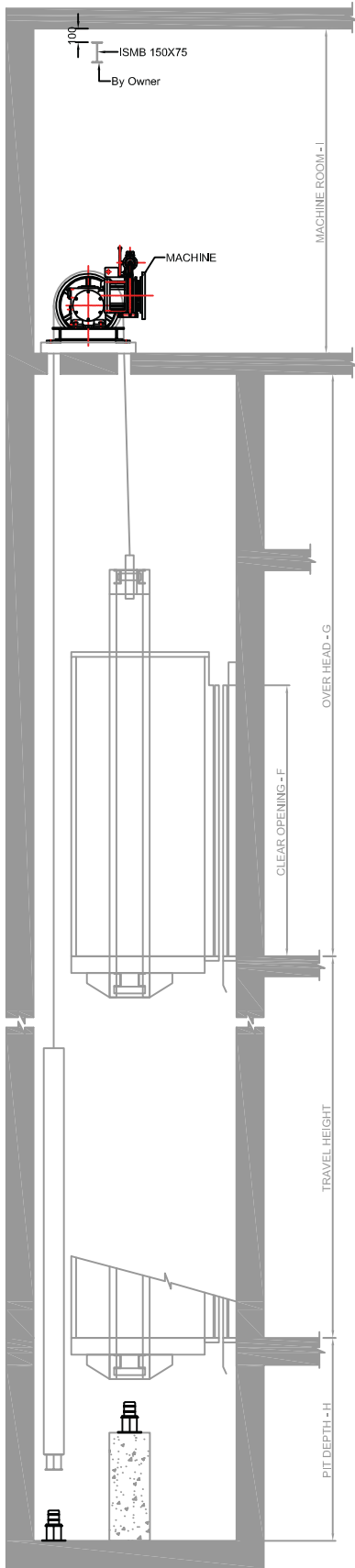
## INOX Series



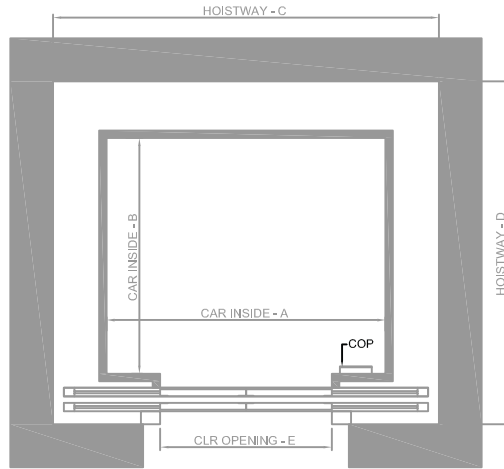
## COLOR Series







HOISTWAY SECTION



HOISTWAY PLAN

**MACHINE ROOM LESS**

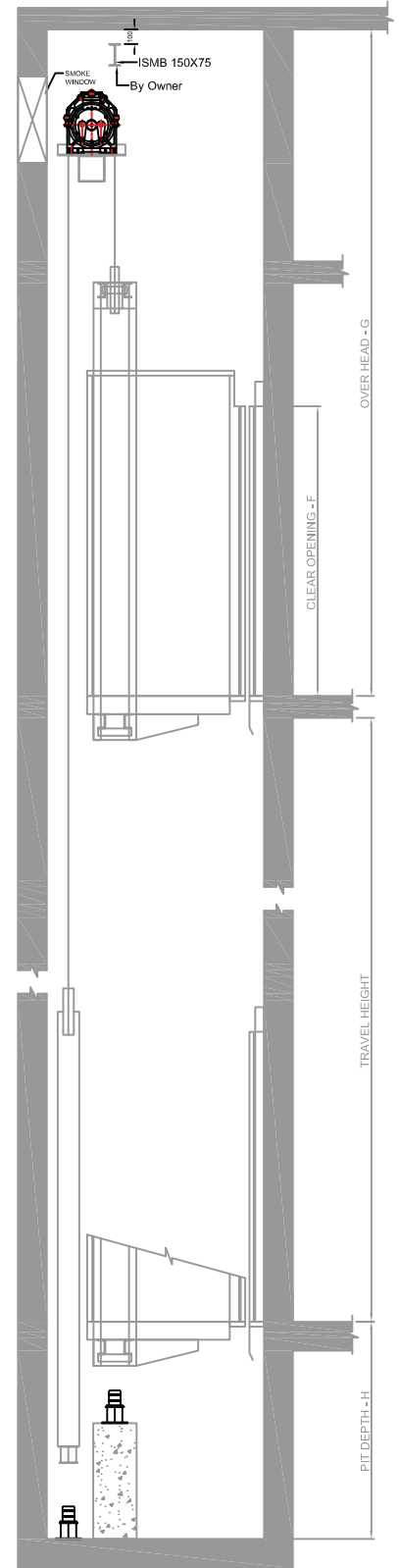
CAPACITY		CAR INSIDE		HOISTWAY		CLEAR OPENING	
PERSONS	LOAD	A	B	C	D	E	F
6	408	1150	950	1600	1500	700	2000
8	544	1300	1100	1800	1600	800	2000

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

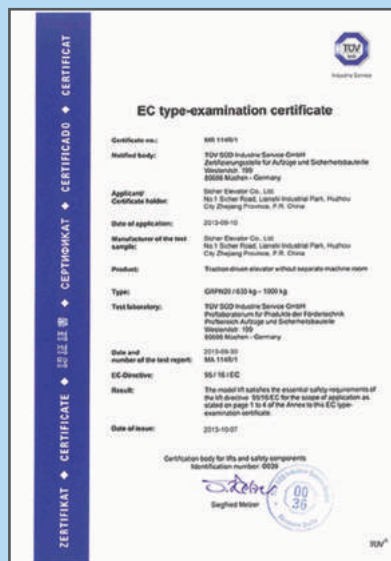
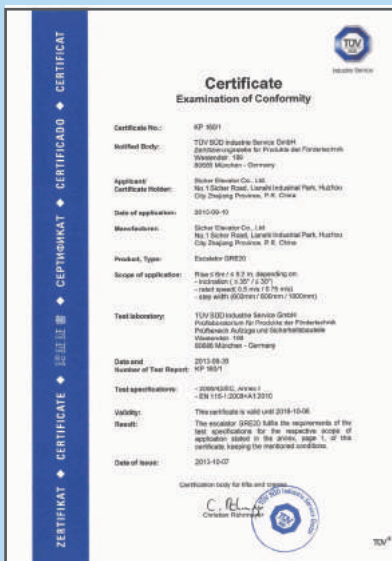
OVER HEAD UP TO 0.63 M/SEC	PIT DEPTH UP TO 0.63 M/SEC	MACHINE ROOM HEIGHT	MACHINE ROOM WIDTH & DEPTH MIN.
G	H	I	J
4300	1500	2400	2400X2400



HOISTWAY SECTION

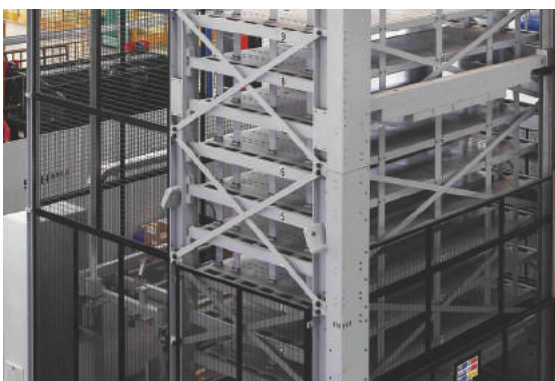
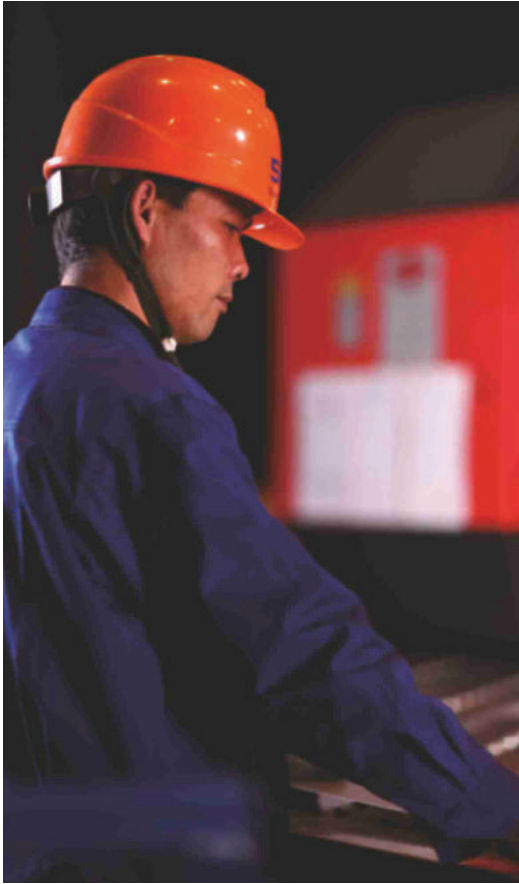
# SRH aufzüge GmbH

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

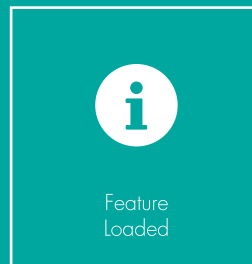
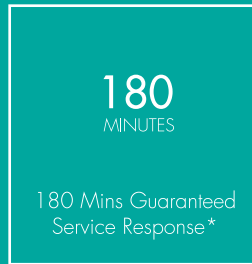
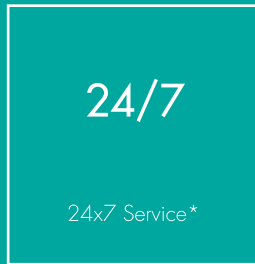




# Advanced Equipments







**TEKNIX ELEVATORS PVT. LTD.**

#125 Gala Square ,4 th floor,R V Road V V Puram Near ,  
Lalbagh West Gate Bangalore-56004.

Ph : 080-41253500 / 41483500 | Toll Free : 1800-200-4990  
www.teknixelevators.com | sales@teknixelevators.com

Nepal : Elevator solutions nepal pvt ltd.  
nagapokhari, Kathamandu, Nepal  
phone: Phone : +977-1-4433280 | Mobile :+977-9802080880  
email:info@elevatorsolutionsnepal.com.np

\* 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