

TEKNIX
VERTICAL TRANSPORT SOLUTION

In Collaboration with
SRH Aufzüge GmbH



OPTIMA
SIMPLICITY REDEFINED

www.teknixelevators.com



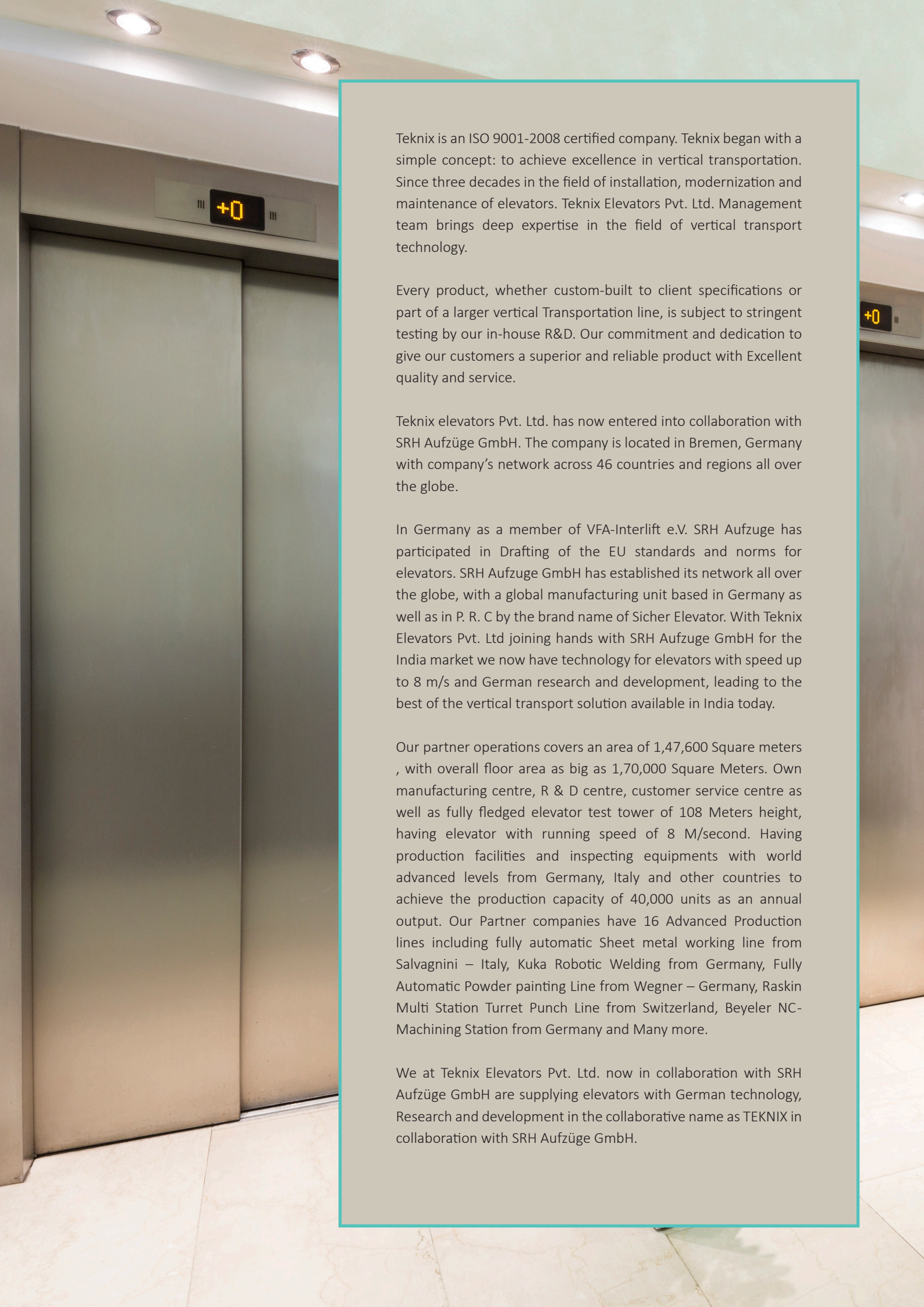
Finest German
Craftmanship



OPTIMA

The all new optima redefines simplicity giving you vertical mobility solution with a range of technologically advanced features with German craftsmanship at its heart.

Experience elevators crafted for unparalleled comfort and performance to suit you.

A photograph of a modern elevator interior. The elevator doors are closed, and a digital display above the doors shows '+0' in yellow. The ceiling has recessed lights. The floor is made of light-colored tiles.

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. C 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 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.



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

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



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.



Optima 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.

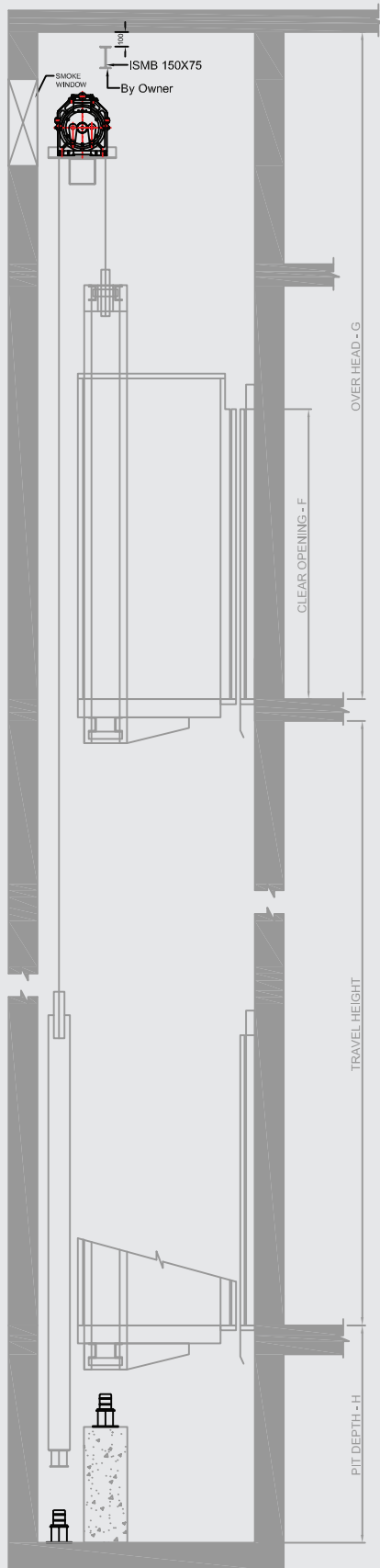


◀ INOX Series

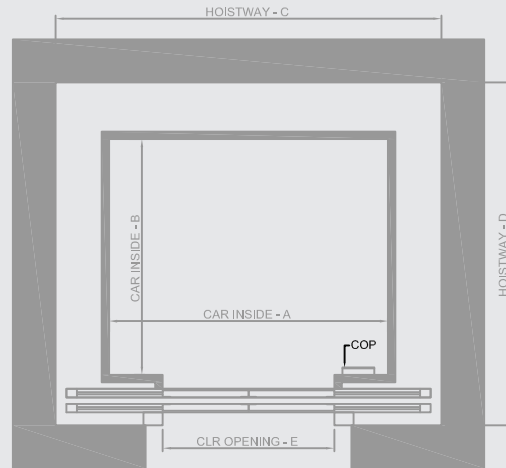
COLOR Series ▶



TECHNICAL SPECIFICATION



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

FUNCTIONS



Control system	Multiple microcomputer based close-loop control system with direct landing technology
Drive	Frequency controlled permanent magnet synchronous motor based gearless traction machine with dual vented disc brakes
Curve Generation	Microcomputer senses the load in the elevator & generates the S curve based on the torque required automatically
Door Operator	VVVF door operating system with close loop control
Door Protection	Full length infrared light curtain provided for safety of passengers
Human Interface Device	Stylish Integrated Car operating Panel & Surface mounted Landing Operating Panel with auto attendant key and auto light and fan function
Operation	Full Collective Selective
Direction Indicators	Car & Landing Operating Panels will be equipped with direction and floor indication display for easy facilitation of passengers
Call Cancellation	Wrong Destination call can be cancelled by double press of destination button
Auto on/off	Ventilation & lighting would have automatic on/off function
Overspeed Protection	When elevator speed is more then the calibrated speed, the device will automatically stop the elevator motor and activate the car safety device in turn activating the unintended car movement device to stop the car from moving further.
Automatic Rescue Device	Automatic Rescue Device will be provided in the elevator, which brings the elevator to the nearest landing in case of power failure
Car Illumination	LED power saving lighting inside the car for illumination
Car Ventilation	Cross Flow Ventilation system in the car
Power Supply	AC415V, 3phase & AC220V , 1phase , 50HZ AC
Phase Loss Protection	Automatic Phase loss protection system stop the elevator when it senses the loss of one of the three phases
Over – run Protection system	Up/Down overrun protection System with triple layer limit switch for extra safety



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.

Certificate
Examination of Conformity

Certificate No.: KP 1601

Notified Body: TÜV SÜD Industrie Service GmbH
Zertifizierungsstelle für Produkte der Fördertechnik
Westendstr. 199
80688 München - Germany

Applicant/
Certificate holder: Sicher Elevator Co., Ltd.
No. 1 Sicher Road, Lianhai Industrial Park, Huizhou
City Zhejiang Province, P.R. China

Date of application: 2013-09-10

Manufacturer: Sicher Elevator Co., Ltd.
No. 1 Sicher Road, Lianhai Industrial Park, Huizhou
City Zhejiang Province, P.R. China

Product, Type: Escalator GR20

Scope of application: Rise & run: 3.2 m, depending on:
- inclination (1:35°) x 50°
- rated speed: 0.5 m/s (0.75 m/s)
- step width (600mm / 650mm / 1000mm)

Test laboratory: TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Profibereich Aufzüge und Sicherheitsbauteile
Westendstr. 199
80688 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 2018-10-06

Result: The escalator GR20 fulfils 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 cages

Christian Röhmer

TUV®

EC type-examination certificate

Certificate no.: MR 1146/1

Notified body: TÜV SÜD Industrie Service GmbH
Zertifizierungsstelle für Aufzüge und Sicherheitsbauteile
Westendstr. 199
80688 München - Germany

Applicant/
Certificate holder: Sicher Elevator Co., Ltd.
No. 1 Sicher Road, Lianhai Industrial Park, Huizhou
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, Lianhai Industrial Park, Huizhou
City Zhejiang Province, P.R. China

Product: Traction driven elevator without separate machine room

Type: GRP200 / 650 kg - 1600 kg

Test laboratory: TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Profibereich Aufzüge und Sicherheitsbauteile
Westendstr. 199
80688 München - Germany

Date and
number of the test report: 2013-09-30
MA 1146/1

EC-Directive: 95 / 16 / EC

Result: The model IT satisfies the essential safety requirements of the 16 directive 95/16/EC for the scope of application as stated on page 1 to 4 of the Annex to this EC type-examination certificate

Date of issue: 2013-10-07

Certification body for lifts and safety components
Notification number: 0036

Siegfried Meier

TUV®

Certificate
Examination of Conformity

Certificate No.: KP 16101

Notified Body: TÜV SÜD Industrie Service GmbH
Zertifizierungsstelle für Produkte der Fördertechnik
Westendstr. 199
80688 München - Germany

Applicant/
Certificate holder: Sicher Elevator Co., Ltd.
No. 1 Sicher Road, Lianhai Industrial Park, Huizhou
City Zhejiang Province, P.R. China

Date of application: 2013-09-10

Manufacturer: Sicher Elevator Co., Ltd.
No. 1 Sicher Road, Lianhai Industrial Park, Huizhou
City Zhejiang Province, P.R. China

Product, Type: Moving walk GRM20

Scope of application: Max. Length: 48.0 m, depending on:
- pallet width (800 / 1000 mm)
- inclination (0° / 1.2°)
- rated speed (0.5 / 0.65 / 0.75 m/s)

Test laboratory: TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Profibereich Aufzüge und Sicherheitsbauteile
Westendstr. 199
80688 München - Germany

Date and
Number of Test Report: 2013-09-30
KP 16101

Test specifications: - 2006/42/EC, Annex I
- EN 115-1:2008+A1:2010

Validity:
This certificate is valid until 2018-10-06

Result: The moving walk GRM20 fulfils 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

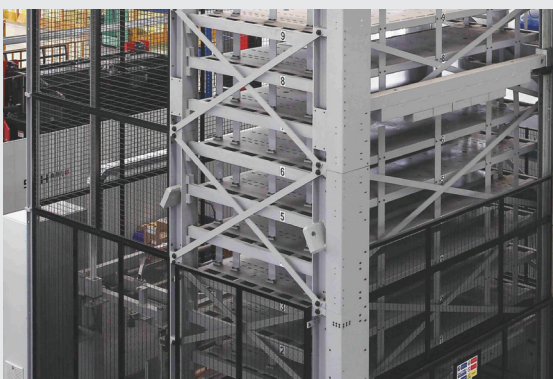
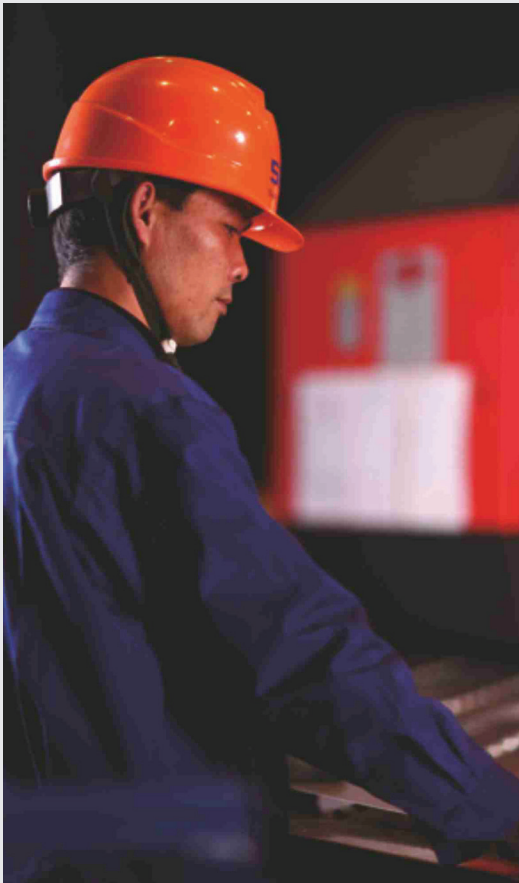
Certification body for lifts and cages

Christian Röhmer

TUV®



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

Hyderabad

2nd floor,Sri Srinivasaya Nilayam,6-1-203,
Old C.I.B Quarters,Khairtabad,Hyderabad,
Telangana-500004.
Ph- 6366746550

Rajkot

No.61, 3rd for, Samrudhi bhavan,
Gondal road, Rajkot- 360001
Gujarat

* 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.