

(Sino-Germany)

Braun elevator

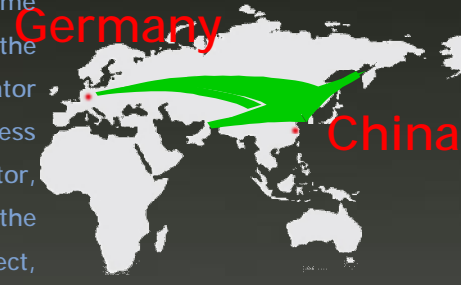
Since 1986





Company Profile

Braun elevator was founded in 1986 in central Germany industrial city of Kassel (Kassel), the company since its inception has always been customer oriented, to provide users with excellent technology and service, at the same time, standardization of elevator solutions and provide customers with the best cost-effective products. Braun elevator almost covers all elevator products: passenger elevator, sightseeing elevator, machine-room less elevator, medical elevator, goods elevator, car elevator, cargo elevator, escalators, automatic sidewalks, etc., products are widely used in the German city, bank, hospital buildings and sightseeing cruise ship project, has achieved good reputation. In addition to selling their own brands elevators, the company also relies on its solid technical strength, for many European well-known elevator enterprises supporting the production of special elevator.





BRAUN development history for 28 years

1986



Rollie Braun changing its name to Braun Electric and Elevator Company in 1986



Braun elevator undertake the first order: Bad Wildungen City Hospital

1990



Company establish the new production base which located in NO.11 Stig Weger Street

2000



Braun elevator undertake its first Project: Country Inn of Marburg City



For capacity expansions, Braun built the new base of NO.6V Er cloth Lakenhe Street

Braun undertake its first order of cargo elevator: Kassel Höhn bakery



1987

Braun undertake its first big order of passenger elevator: Kassel Dilix printing house



1989

Braun undertake its first big order of bed elevator: Kassel Specialist Hospital project.



Braun cooperate with famous elevator company



1996

Establish the Braun elevator technology company to offer technical solution for other elevator companies.



2004





BRAUN development history for 28 years

2005

Braun undertake all elevators from Frankfurt Mainova administration center. This order include multiple type like Machine room-less elevator, observation elevator and cargo elevator



2008

Purchase plasma cutting equipment to produce by numerical control method



Braun undertake machine room-less elevator and cargo elevators for Nordrhein-Westfalen munster bank administration centre project



2013

Braun China establish in November 201



Braun undertake the big order (marine elevator) of flensburg shipbuilder company



Braun undertake all the elevator orders of three buildings from hagen Rathaus



2007

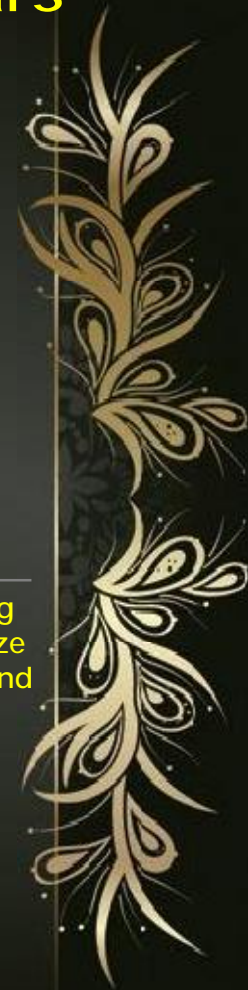
Braun undertake all the machine room less elevator and bed elevator orders from hamburg welfare hospital



Purchase laser cutting equipment to optimize the product quality and productivity



2009



Germany Braun Profile



Germany Braun Profile



Germany Braun Profile

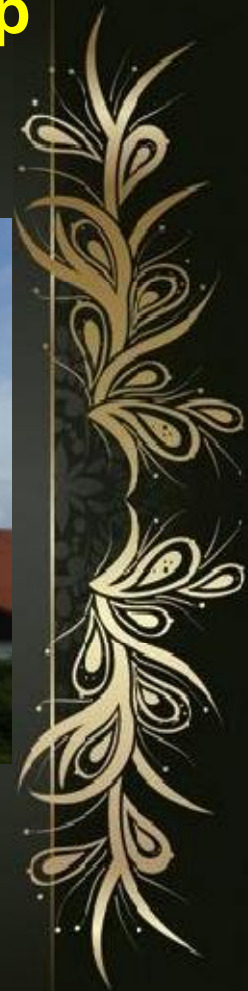


German office building Company Profile





Germany Braun workshop Company Profile





Germany Braun workshop Company Profile





Germany Braun workshop Company Profile



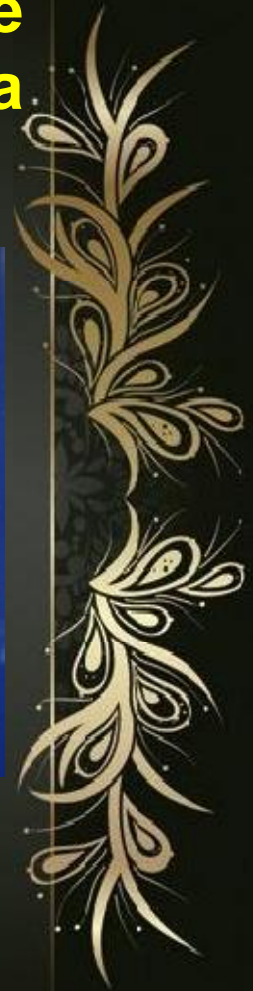


Germany Braun workshop Company Profile





Germany Braun Profile —office area

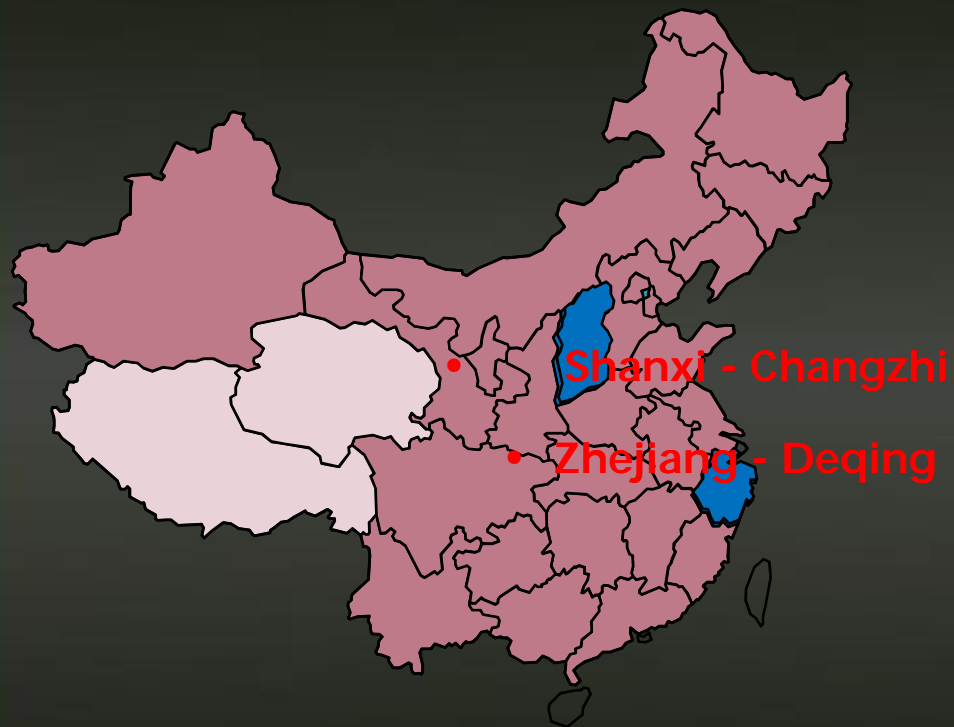




Germany Braun Profile —after sales service car



Braun China Profile



Two production base: Deqing ,Shanxi





China Braun Profile

Braun Elevator Co., Ltd. (Zhejiang base) is a Sino German joint venture which is specialized in elevator design, manufacture, installation, alteration, repair and maintenance. With the elevator production manufacturing, installation and maintenance and improvement of the AAA qualification, Braun China have the perfect management system and through the ISO 9001: 2008 quality management system certification and ISO 14001 : 2004 environmental management system certification. Its registered capital is \$32 million.

The company not only has advanced technology and equipments, but also use the scientific management concept and service awareness to improve the quality and promote the business continuously. Our business have across the country and abroad and get the good reputation. Braun is the most development potential enterprise in the elevator market.



Company Profile





China Braun outer door scene





Show room



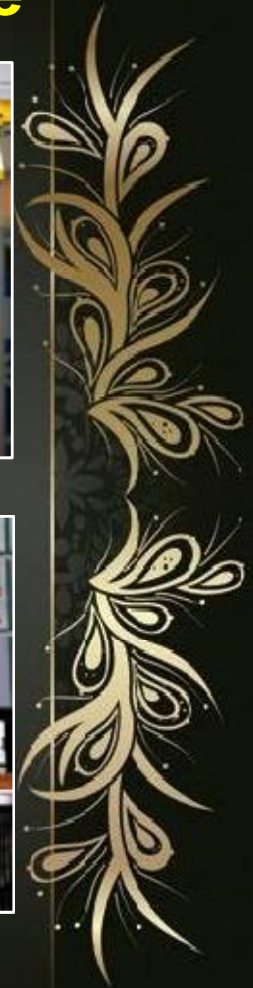
Workshop



Workshop- metal plate equipment



Operating centre- work scene



Electrical work shop





Braun elevator -Shanxi base



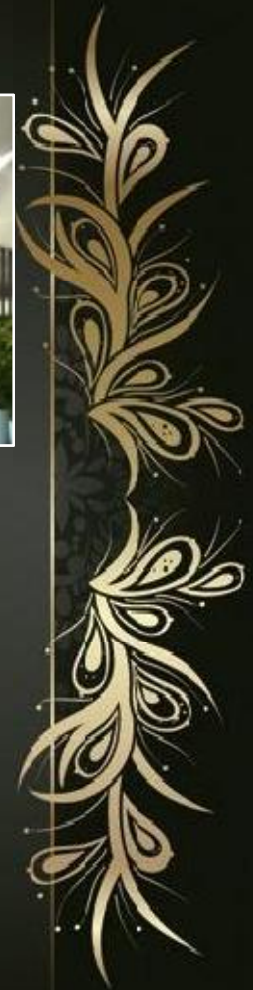
Shanxi Braun factory located in Haisen road, Zhangze new industrial park, Changzhi Suburb, Shanxi province. The industrial park is a flat watery land with convenient transportation. It neighboring Changzhi airport in the east and urban outer ring road in the south, Taijiao railway lines in the west and around 5 kilometers away from the Chang tai highway



Braun China. Shanxi Base



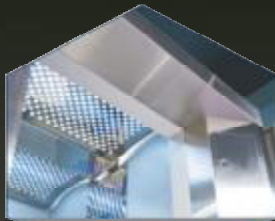
- Shanxi factory covers more than 120 mu
- It was completed by the end of 2015 in production
- The factory will use the advanced numerical control equipment, manufacturing technique and assembly process which import from abroad.
- It will become the biggest elevator enterprise in North China after it goes into production. Shanxi Braun factory can be produce 30000 sets elevator and escalator annually and form a complete set of production capacity of traction machine , door machine and human machine interface . It can be the biggest elevator parts manufacturer in North China



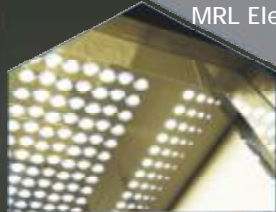


Advanced Technology

Braun series elevator



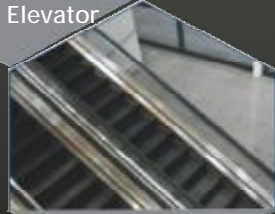
MRL Elevator



SMR Elevator



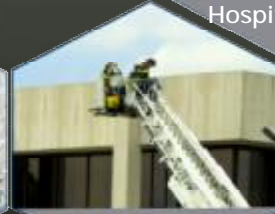
Villa Elevator



Escalator
Moving elevator



Panoramic Elevator



Dumbwaiter
Elevator



Cargo elevator

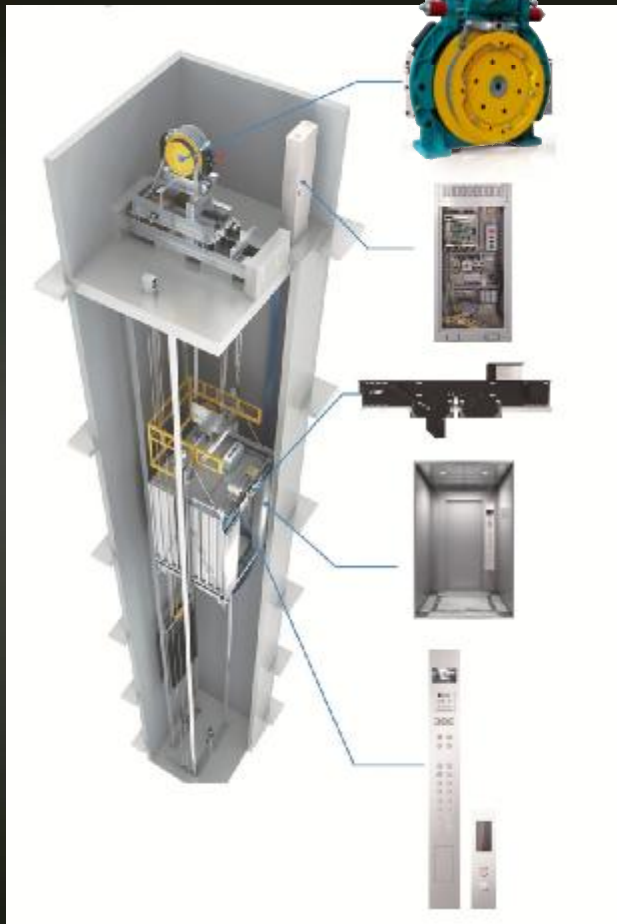


Hospital Elevator



Car elevator



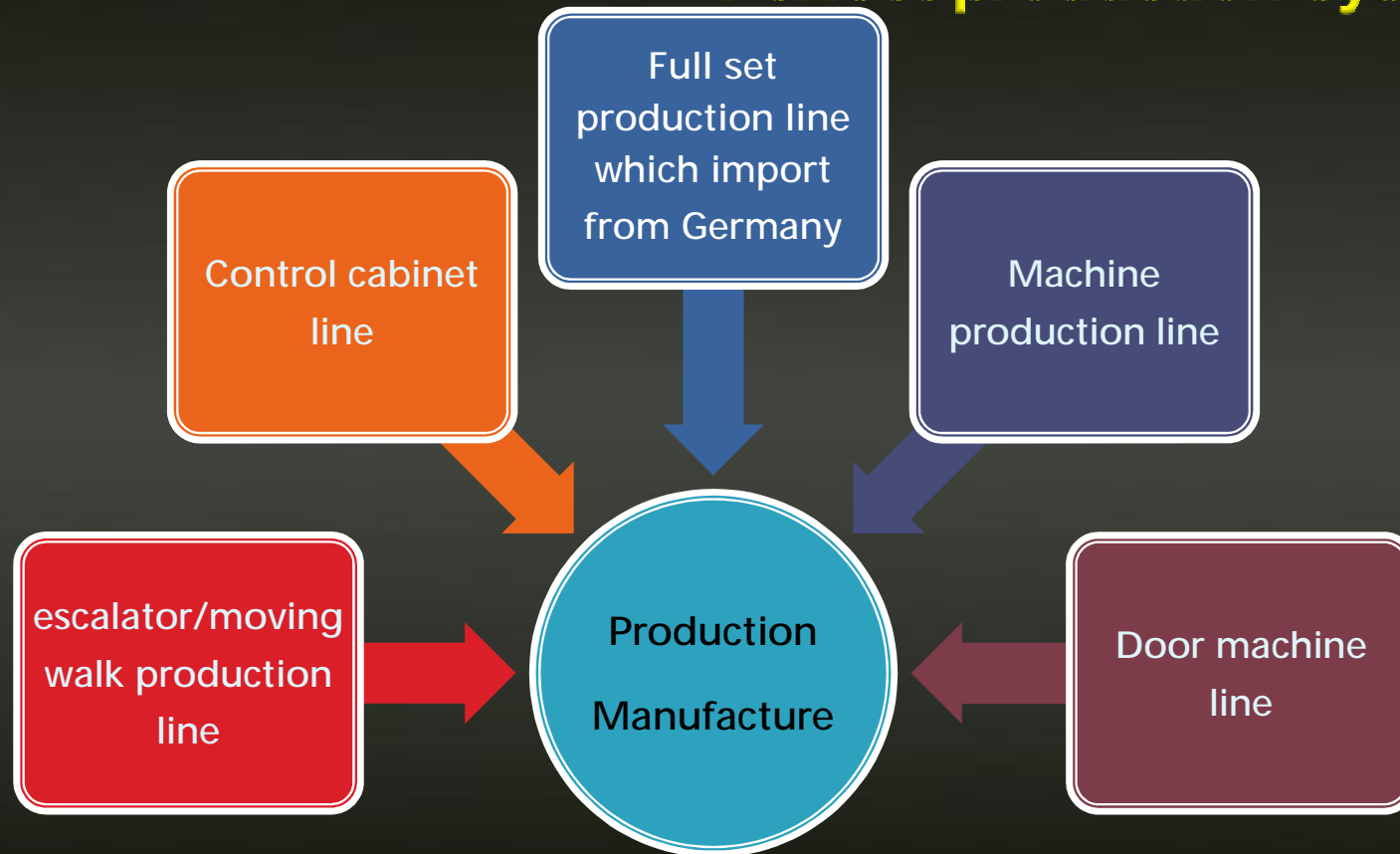


Advanced Technology

- } The core components like machine , door machine , control system , emergency leveling , human machine interface , invoice announcer, Observation elevator , escalator truss etc. is created and manufactured by ourselves.
- } Braun have the machine production line , door machine production line , control cabinet line ,metal plate line and escalator production line etc.



Perfect production system



Perfect production system

Gearless traction machine production line





Control system production line

Perfect production system





Perfect production system

Escalator production line





Permanent magnet synchronous and gearless traction machine

Advanced Technology



Permanent magnet synchronous and gearless traction machine

The combination of coaxial rotating technology, digital frequency conversion technology and group computer combination control technology make the control system more reliable. With excellent performance, it can achieve the effect of gearless box, non-lubricating oil, oil pollution, noise reduction. It also has the advantages of small volume, light weight, low power consumption, space saving and so on.



Advanced Technology



Noise
reduce
20 db



Advanced Technology

High efficient frequency converter



Braun elevator applies vector-controlled VVVF frequency converter with high precision speed & current control . It implements an accurate real-time control to torque of the host , ensures the smooth lift travel, reduces wear-ability of wire rope and provides the passengers with the best comfort and supreme safety.





Advanced Technology

VVVF permanent magnet frequency conversion door machine system

The door machine is the core component of the elevator, 70-80% elevator failure occurs in the door machine parts, the reliability of the operation of the door machine directly affects the elevator failure rate, so the reliability of the door machine is the core problem for every manufacturers.

Intelligent adaptive variable frequency door machine system produced by Braun elevator can be improve the speed of the door machine response comprehensively, it ensure the safety and smooth operation of the door. This door machine system has advantage of low speed, large torque, high efficiency, constant torque, high control precision, low noise and small vibration.



Advanced Technology



Remote monitor



group control management system



Voice announcer



Emergency power failure leveling





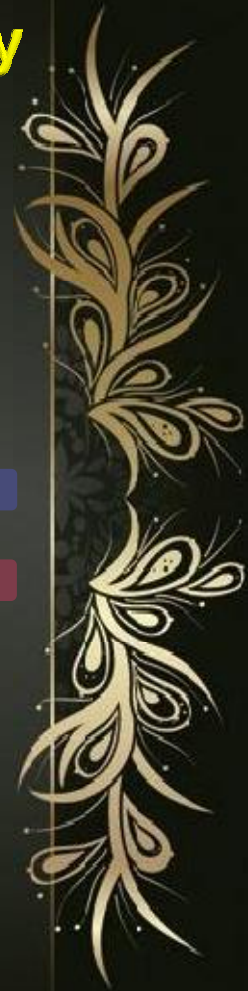
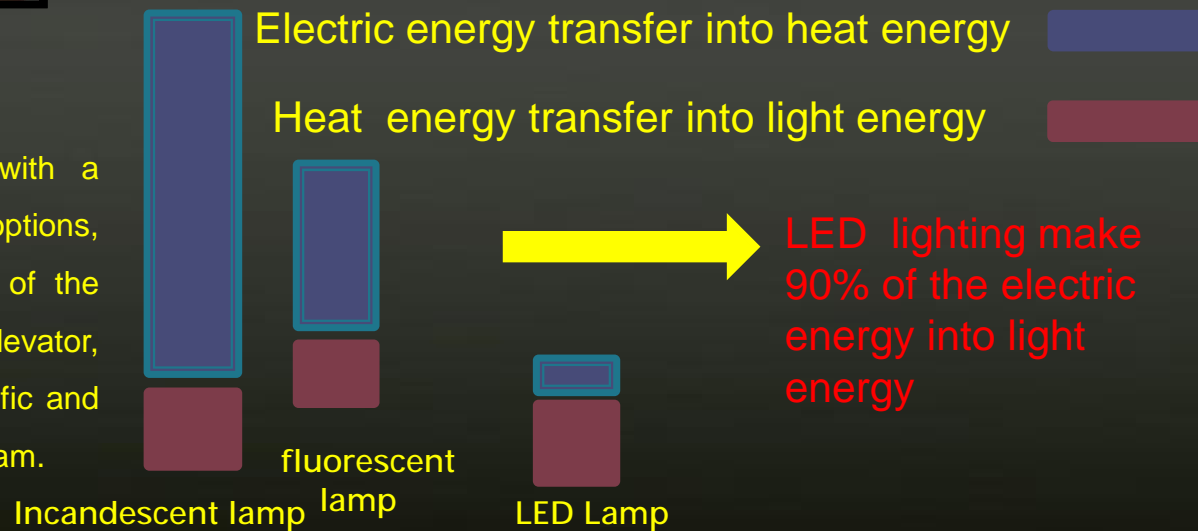
Energy-saving and cost-reducing · Environmental protection

Braun elevator combined with a variety of energy saving options, through a detailed analysis of the energy consumption of the elevator, then develop a set of scientific and effective energy saving program.

Advanced Technology

LED Car lighting system

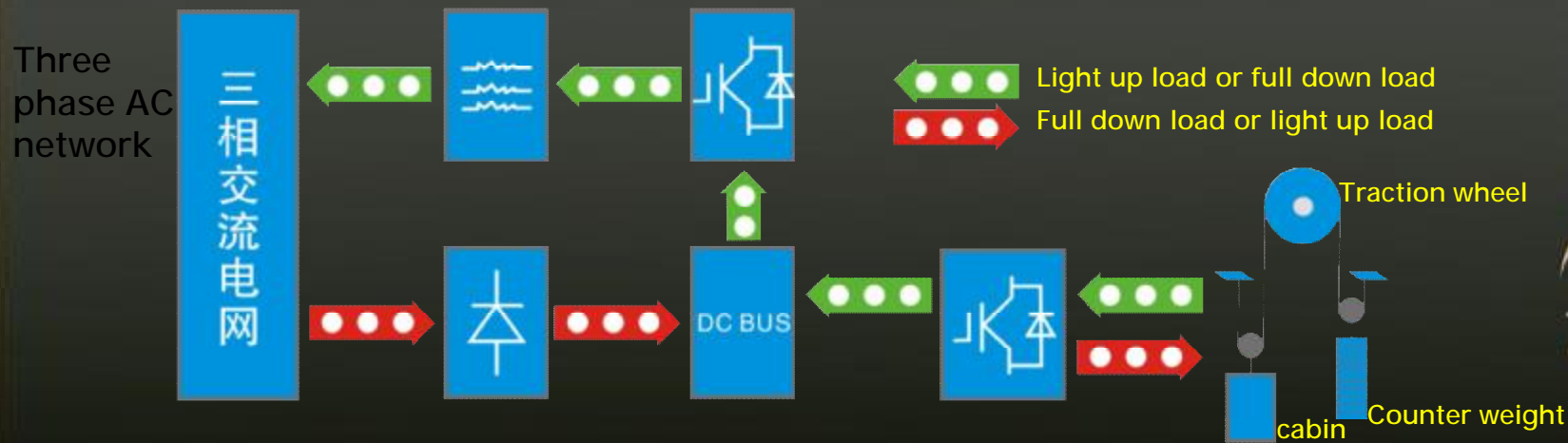
Car lighting shares about 40% in whole electricity amount of the elevator. It applies LED lighting system . Power consumption is only half of the ordinary fluorescent lamp, 1/8 of the ordinary filament lamp . LED lighting has the advantages such as quick starting ,long life(over 50000 hours)etc.



Advanced Technology

Energy Regeneration feedback techniques

Braun Energy Regeneration feedback techniques recycle and reuse 30% of the energy which consumed by elevator. Especially in the case of the elevator load up and down, the electric energy will be wasted that generated by the motor which converted into resistance heat. The energy regenerative feedback device can be transformed into the normal current corresponding to the power grid through the electric energy, so that the new current can be used for other electric equipment in the building to realize the energy saving effect.



CE Certification

EC TYPE-EXAMINATION CERTIFICATE
According to Annex V, Part B of 2016/EC Directive

Certificate No.: F-21342015

Certificate Body of the notified body: BSI-TÜV SÜD Ltd.
Otto-Falck-Str. 28
D-90402 Regensburg
Identification No. 0117

Name & address of the Applicant: SLM (HUNGARY) INTERNATIONAL LTD.
25 Belfield Road, Astonman Hill, B24 8DD
UK/B24 8DD

Certificate holder and manufacturer: Braun Elevator Co., Ltd.
Beijing Factory
No. 100 Yundao North Road, Wujiaochang Town,
Daxing County, Beijing, P.R. China
Shanghai Factory
Hansen Street, Shanghai New Industrial Park, Subdistrict
of Changyang City, Shanghai Province, P.R. China

Manufacturer of the test sample: Braun Elevator Co., Ltd.
Shanghai Factory
No. 100 Yundao North Road, Wujiaochang Town,
Daxing County, Beijing, P.R. China

Product: Traction driven passenger elevator with separate
machine room with the shaft

Type: BPH

Directive: 2014/33/EU Directive
(Directive 2010/65/EU) PSM-001

Reference Standard: EN 81-1/81-3-2009-AS 2009

Test report: F-21342015

Statement: The model is conforming to the essential health and
safety requirements of the mentioned Directive as long
as the requirements of the annex of this certificate are
fulfilled.

Place and date of issue of the Certificate: Regensburg, Hungary
2nd of November 2015.

Signature: Dr. Jánoska Götz
Head of the Certification Body

TSV

Certificate concerning the examination of conformity

Certificate No.: 07 1507

Notified Body: TÜV SÜD Industrie Service GmbH
Wendelsloh 100
40699 Mönchengladbach, Germany

Applicant: Braun Elevator Co., Ltd.

Certificate holder: No. 100 Yundao North Road, Wujiaochang Town,
Daxing County, Beijing, P.R. China

Date of application: 2015-08-14

Manufacturer: Braun Elevator Co., Ltd.
No. 100 Yundao North Road, Wujiaochang Town,
Daxing County, Beijing, P.R. China
Hansen Street, Shanghai New Industrial Park,
Subdistrict of Changyang City, Shanghai Province, P.R. China

Product Type: Moving with shaft

Scope of application: Max. Length: 40.2 m, depending on:
- Floor width: 1020/1040/1060 mm
- Inclination: 0/15/30°
- rated speed: 1.0/1.5/2.0/2.5/3.0/3.5 m/s

Test laboratory: TUV SÜD Industrie Service GmbH
Hochschule für Produktionstechnik
Hochschule für Angewandte Wissenschaften
Hochschule für Angewandte Wissenschaften

Date and Number of Test Report: 2015-08-11
RP 10016-1004

Test specifications: EN 81-1/81-3-2009-AS 2009
EN 101-10-4-2009-AS 2009

Result: The certificate is issued on 2015-11-02.

Statement: The moving with shaft lifts the requirements of the
test specifications for the requested version of
application noted in this sheet, page 1, of this
certificate, keeping the mentioned conditions.

Date of issue: 2015-11-02

Signature: Dr. Jánoska Götz
Head of the Certification Body

TSV

EC TYPE-EXAMINATION CERTIFICATE
According to Annex V, Part B of 2016/EC Directive

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Shanghai Factory
Hansen Street, Shanghai New Industrial Park, Subdistrict
of Changyang City, Shanghai Province, P.R. China

Manufacturer of the test sample: Braun Elevator Co., Ltd.
Shanghai Factory
No. 100 Yundao North Road, Wujiaochang Town,
Daxing County, Beijing, P.R. China

Product: Traction driven passenger elevator without machine room

Type: BPH

Directive: 2014/33/EU Directive
(Directive 2010/65/EU) PSM-001

Reference Standard: EN 81-1/81-3-2009-AS 2009

Test report: F-21342015

Statement: The model is conforming to the essential health and
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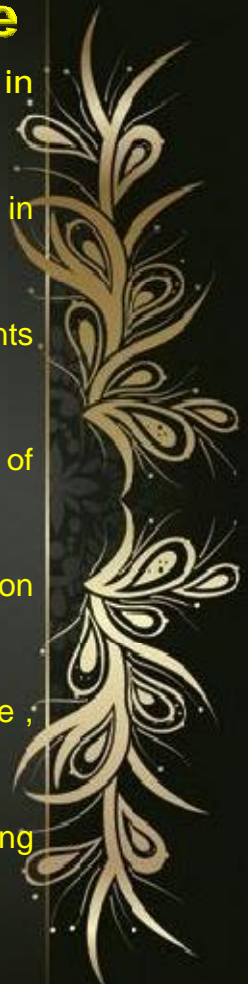
TSV

ISO three system certification



Braun elevator advantage

- | **Germany brand:** There have a production base in Germany, it can be do a investigation in Germany factory for key projects.
- | **Have a long history of production:** Establish in 1986, Mr.Braun joining the elevator industry in 1966.
- | **Three production bases:** Germany ,Zhejiang ,Shanxi (3 production bases), Key components and whole elevator can be imported from abroad.
- | **Qualification certificate:** have 3A qualification, CE certification, ISO certification and all kinds of certificate of honor.
- | **Strong financial resources :** Total registered capital: \$52 million(Zhejiang and Shanxi production base).
- | **Superior research and development capabilities :** Core components like machine , door machine , control system ,display plate is based on R&D independence and self-owned brand.
- | **Full range of products :** products covers escalators, moving walk, bed elevators, sightseeing elevators, passenger elevators, car elevators, hospital elevators.
- | **Elegant Configuration :** using thick material (304 S.S.) , beautiful decoration (Mirror etching)



Product configuration upgrade



Comprehensive
update





Product configuration upgrade

Car decoration finish

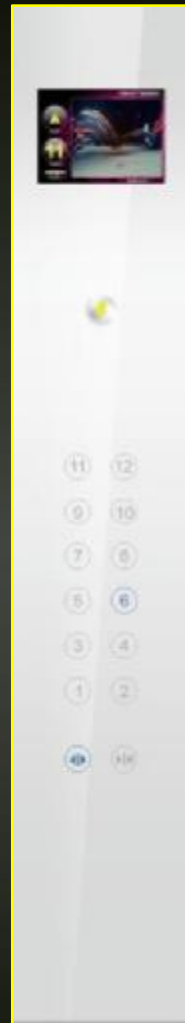
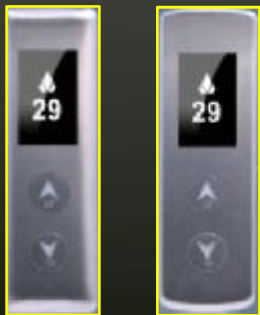
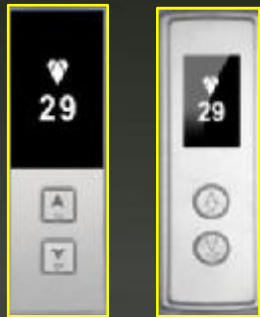
Ceiling: Stainless steel plate, high efficiency and energy saving LED lighting.

Car walls: Hairline-finished stainless steel, mirror etching.

Car door: Hairline-finished stainless steel

Floor: PVC





Product configuration upgrade

Human machine interface

COP: integrated COP, S.S. faceplate,
Braille Button, 8 inch picture machine

Calling Board: 12 mm ultrathin Button box,
HSS (mirror surface) , Braille Button ,
LCD display



Date of delivery and after-sales service

- | Normal delivery time(2016): within 30 days after arrangement
- | After sales problem :It will be send out if there has the spare parts, If there is lack of spare parts your question will be handle the same day.

**Braun is
always looking forward to cooperating
with you!**

