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COMPANY PROFILE 企业简介

惠达卫浴始建于1982年，经过30年的发展，成为中国规模最大、历史最悠久的卫浴家居用品企业之一，每年为大众提供近1000万件的卫浴家居产品，涉及陶瓷卫浴、浴室家具、墙地砖、五金龙头及配件、橱柜、木门等领域，产品远销海外100多个国家和地区，并被2008北京奥运会、2010上海世博会和众多五星级酒店所应用。惠达在北京、上海创立两个设计研发中心，一个博士后工作站。2012年2月3日，住房和城乡建设部正式批准惠达成为国家住宅产业化基地。惠达坚信，家居生活品质是人类文明进程的重要元素。因此，我们用每一件产品传递对生命的赞美，立百年之业，惠达天下。

Founded in 1982, Huida Group has become one of the bathroom and Group has become one of the bathroom and household product manufacturers with the largest scale and the oldest history over 30 years by inheriting the Chinese ceramic civilization and advancing through innovation. It provides the public with nearly 10 million of bathroom and household products each year. Its products, covering the fields of ceramic sanitary ware, bathroom furniture, tiles, hardware and faucet and accessories, cabinets, doors, etc. Products have been exported to more than 100 countries and regions and have been applied by the Beijing 2008 Olympic Games, Shanghai World Expo, and many five-star hotels. On February 3, 2012, Huida was formally approved to be the National Residential Industrialization Base by the Ministry of Housing and Urban-Rural Development. Huida firmly believes that the quality of home life is an important element in the process of human civilization. Therefore, we will use every product to pass on the praise of life, and we'll create a hundred years of industry to benefit the world.



营业执照

注册号 130000000007436

名称 惠达卫浴股份有限公司

类型 股份有限公司（非上市）

住所 唐山市丰南区黄各庄镇惠达路7号

法定代表人 王惠文

注册资本 贰亿壹仟叁佰壹拾壹万壹仟壹佰壹拾壹元整

成立日期 1997年12月11日

营业期限 1997年12月11日 至 2147年12月11日

经营范围 生产和销售卫生陶瓷制品、建筑陶瓷制品、卫生陶瓷洁具配件、整体浴室、整体橱柜、建筑装饰、装修材料、高中档系列抛光砖、墙地板；坐便盖、水箱配件、塑料制品、卫生瓷配套产品；文化用纸、胶印纸的加工；原纸销售；纸板、纸箱加工；本企业生产、科研所需的原辅材料、机械设备、仪器、仪表及零配件的进口业务。木制门窗批发、零售；普通货运（经营至2016年3月12日）；网上销售本公司自产的产品；自营代理各类商品和技术的进出口业务（国家限制和禁止的除外）



登记机关
2014



营业执照 Business license

注册号 Registration number: 130000000007436

名称: 惠达卫浴股份有限公司

Company name: Huida sanitary ware co.,ltd

Company type: Limited liability company(unlisted)

Address: 7th HUIDA ROAD, HUANGGEZHUANG TOWN, FENGNAN DISTRICT,
TANGSHAN CITY

Legal representative: Wang Huiwen

Registered assets: two hundred and thirteen million one hundred and eleven thousand one hundred and eleven yuan

Date of establishment: December 11, 1997

Operation period: December 11, 1997 to December 11, 2147

Business scope:

In the production and operation of sanitary wares, construction ceramic products, sanitary ware fittings, bathroom cabinets, integrated cupboard, architectural ornament, decorative materials, high grade polished tiles, floor tiles; Toilet seat cover, water tank fittings, plastic products, sanitary product fittings, cultural paper, process of offset paper; Sale of body paper; Paperboard, process of carton; Import of raw materials, machines, instruments that production and research used in our company. Wholesale and retail of wooden door and window frame; ordinary freight(runs until March 12, 2016); Network sales of the company's own products; Agents of all kinds of goods and technology import and export business(Except those restrict or prohibit by government)

Registration authority

Website of Business credit information publicity system

State Administration for Industry & Commerce of the People's Republic
of China

对外贸易经营者备案登记表

备案登记表编号: 01249421

进出口企业代码: 1300713109049

经营者中文名称	惠达卫浴股份有限公司		
经营者英文名称	HUIDA SANITARY WARE CO., LTD.		
组织机构代码	713109049	经营者类型 (由备案登记机关填写)	股份有限公司
住 所	唐山市丰南区黄各庄镇惠达路7号		
经营场所 (中文)	唐山市丰南区黄各庄镇惠达路7号		
经营场所 (英文)	NO.7 HUIDA ROAD, HUANGGEZHUANG TOWN, FENGNAN DISTRICT, TANGSHAN CITY, CHINA		
联系电话	0315-8523618	联系传真	0315-8522827
邮政编码	063307	电子邮箱	huida@public.tsptt.he.cn
工商登记注册日期	1997-12-11	工商登记注册号	130000000007436

依法办理工商登记的企业还须填写以下内容

企业法定代表人姓名	王惠文	有效证件号	130222194309222215
注册资金	贰亿壹仟叁佰壹拾壹万 壹仟壹佰壹拾壹元	(折美元)	

依法办理工商登记的外国 (地区) 企业或个体工商户 (独资经营者) 还须填写以下内容

企业法定代表人/ 个体工商户负责人姓名		有效证件号	
企业资产/个人财产		(折美元)	

备注	
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填表前请认真阅读背面的条款, 并由企业法定代表人或个体工商户负责人签字、盖章。



2014 年 01 月 24 日

Foreign Trade Operator Record Registration Form

serial number:01249421

Company code:1300713109049

Operator name	HUIDA SANITARY WARE CO., LTD.		
Organization Code	713109049	Operator Type	limited liability company
residence	NO.7, Huida Road, Huanggezhuang Town, Fengnan District, Tangshan City		
operation place	NO.7, Huida Road, Huanggezhuang Town, Fengnan District, Tangshan City		
contact number	0315-8523618	Fax	0315-8522827
Postalcode	063307	Email	huida@public.tsptt.he.cn
Business Registration Date	1997-12-11	number	130000000007436

Legal representative	Wang Huiwen	ID number	130222194309222215
Registered capital	two hundred and thirteen million one hundred and eleven thousand one hundred and eleven yuan		

中华人民共和国海关 报关单位注册登记证书

Customs of the People's Republic of China
Customs registration certificate

海关注册编码: 1302910067
组织机构代码: 713109049
企业名称: 惠达卫浴股份有限公司

CR Code: 1302910067
Organization code: 713109049
Company name: HUIDA SANITARY WARE CO.,LTD

企业住所: 唐山市丰南区黄各庄镇惠达路7号

Residence: NO.7, Huida Road, Huanggezhuang Town,

企业经营类别: 进出口货物收发货人
注册登记日期: 1999年3月31日

Operator Type: A consignor or consignee of imported or exported goods

法定代表人: 王惠文
有效期: 长期

Legal representative: Wang huiwen

Validity date: Long term

注册海关: 唐山海关
核发日期: 2014年8月28日




Tangshan customs

组织机构代码证件

Organization Code Certificate

中华人民共和国
组织机构代码证

代 码: 71310904-9



机构名称: 惠达卫浴股份有限公司

机构类型: 企业法人
法定代表人(负责人): 王惠文

地 址: 河北省唐山市丰南区黄各庄镇
惠达路7号

有效 期: 自2012年03月14日至2016年03月14日

颁发单位: 唐山市质量技术监督局
河北省组织机构代码管理中心: www.hbjgdm.gov.cn

登 记 号: 组代管130200-078562

说 明

1. 中华人民共和国组织机构代码是组织机构在中华人民共和国境内唯一的、始终不变的法定代码标识,《中华人民共和国组织机构代码证》是组织机构法定代码标识的凭证,分正本和副本。
2. 《中华人民共和国组织机构代码证》不得出租、出借、冒用、转让、伪造、变造、非法买卖。
3. 《中华人民共和国组织机构代码证》登记项目发生变化时,应向发证机关申请变更登记。
4. 各组织机构应当按有关规定,接受发证机关的年度检验。
5. 组织机构依法注销、撤销时,应向原发证机关办理注销登记,并交回全部代码证。

中华人民共和国
国家质量监督检验检疫总局印章

提示: 请于证书有效期届满前30日内办理换证登记,逾期将按有关规定处理。

年 月 日 年 月 日 年 月 日

NO.2011 2147923

证书有效期满前三十日内申报换证,逾期将按有关规定处理。

Code: 71310904-9

Organization name: Huida Sanitary Ware Co., Ltd.

Organization type: Business entity

Address: NO.7, Huida Road, Huanggezhuang Town, Fengnan District,
Tangshan City, Hebei Province

validity date : 14th, Mar, 2012---14th, Mar, 2016

Issued by: Tangshan Bureau of Quality and Technical Supervision

税务登记证

Tax Registration Certificate

The image shows a formal Tax Registration Certificate (税务登记证) for Huida Sanitary Ware Co., Ltd. (惠达卫浴股份有限公司). The certificate is framed with a decorative border and features the national emblem at the top center. The text is in Chinese, with the title '税务登记证' prominently displayed. The registration details include the taxpayer's name, legal representative (Wang Huiwen), address (No. 7, Huida Road, Huanggezhuang Town, Fengnan District, Tangshan City), registration type (Limited liability company), and business scope. The certificate is issued by the Fengnan District Administration for Industry and Commerce (丰南区工商行政管理局) on July 16, 2013. A red circular stamp of the issuing authority is visible in the bottom right corner.

国家税务总局监制

Taxpayer's Name : Huida Sanitary Ware Co.,Ltd.

Legal representative : Wang Huiwen

Address : NO.7, Huida Road, Huanggezhuang Town, Fengnan District, Tangshan City

Registration Type : Limited liability company

Business scope:

In the production and operation of sanitary wares, construction ceramic products, sanitary ware fittings, bathroom cabinets, integrated cupboard, architectural ornament, decorative materials, high grade polished tiles, floor tiles; Toilet seat cover, water tank fittings, plastic products, sanitary product fittings, cultural paper, process of offset paper; Sale of body paper; Paperboard, process of carton; Import of raw materials, machines, instruments that production and research used in our company. Wholesale and retail of wooden door and window frame; ordinary freight(runs until March 12, 2016); Network sales of the company's own products; Agents of all kinds of goods and technology import and export business(Except those restrict or prohibit by government)

approval authority : Fengnan Administration for Industry and Commerce

Withholding : According to law

证 明

卫生瓷产品不属于国家颁发生产
许可证类产品范围。

特此证明。

唐山市建筑材料工业局

二〇一〇年八月八日



生产许可证明

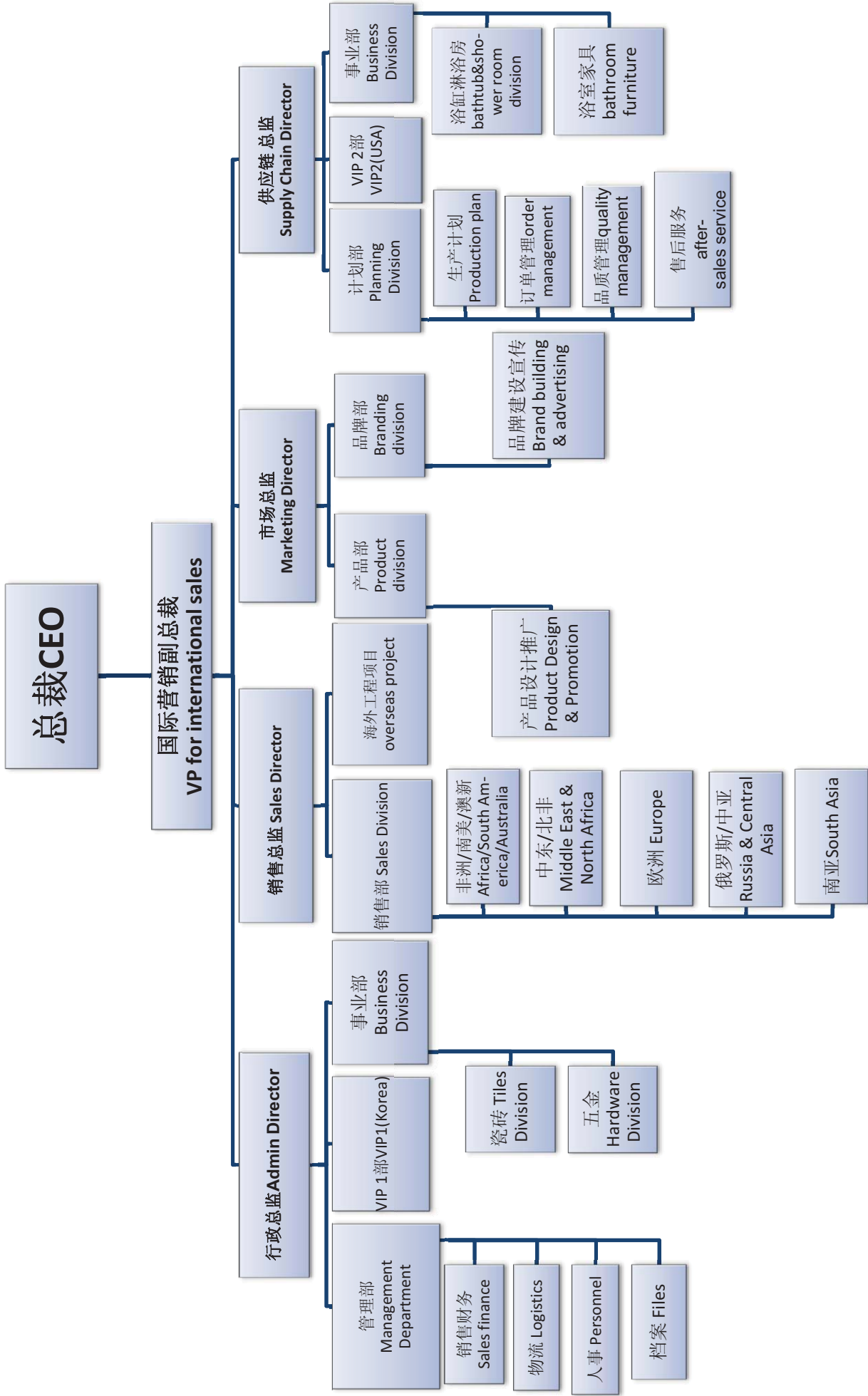
Production Certificate

Certification

Sanitary ceramic products are not included in the categories that need
National Production License.

Hereby certify that!

Tangshan Bureau of Building Material Industry



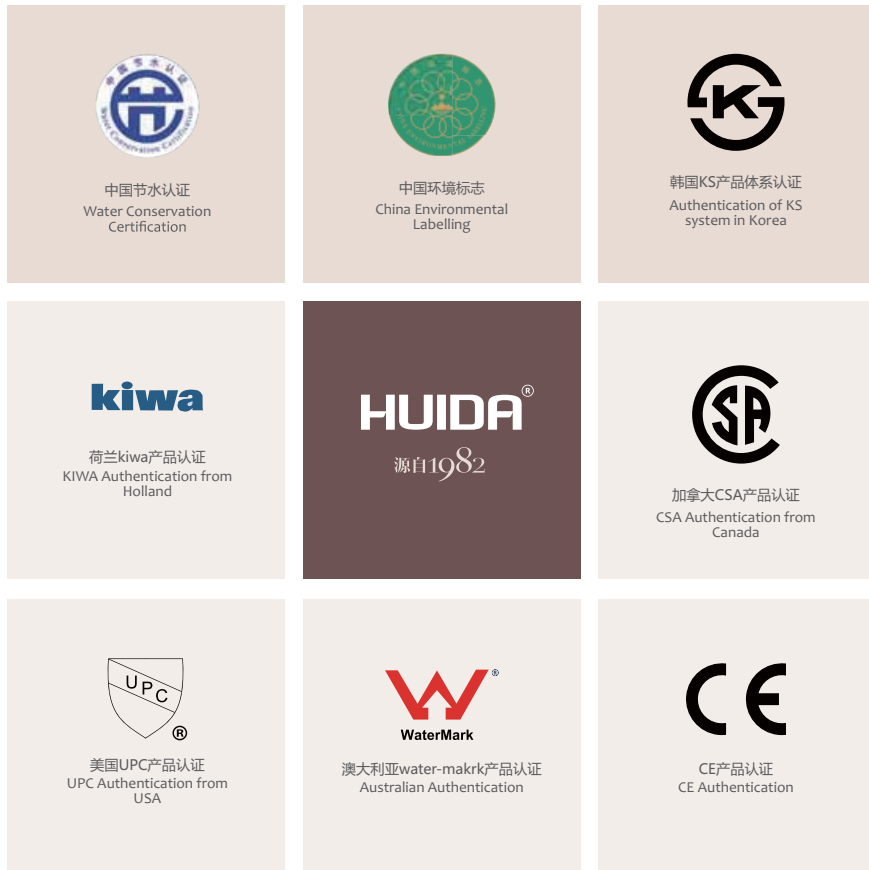
惠达品质 HUIDA

公元1914年，唐山诞生中国第一件卫生陶瓷产品。惠达在创立之初，就把产品质量作为企业的生命。30年来，惠达坚守着“宁砸千万件，不售一次残”的品质理念，坚决杜绝不合格产品出厂。1997年在行业内率先砸掉三级品，2000年砸掉二级品，所有产品均为优等品出厂，开创中国卫浴行业的先河。

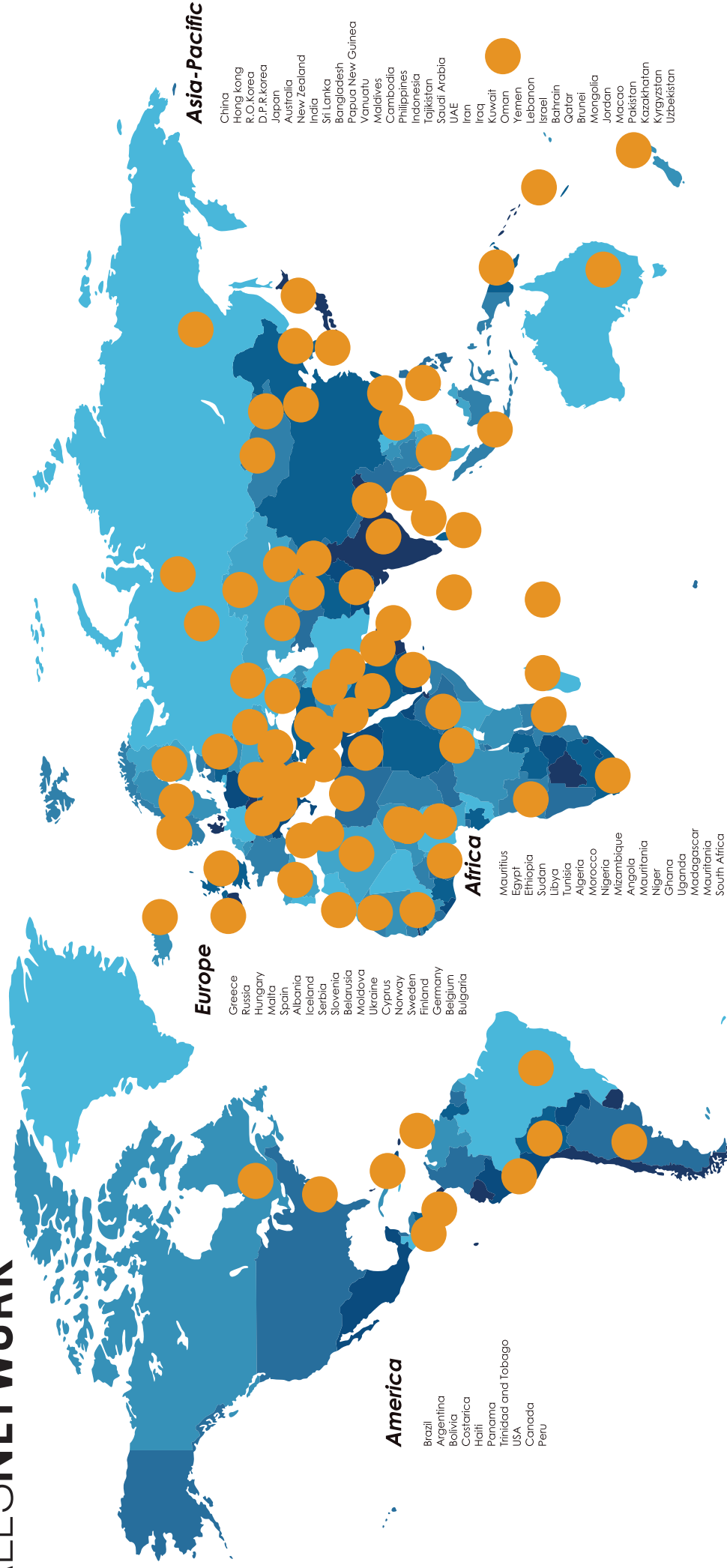
In 1914, the first ceramic sanitary product of China came into the world in Tangshan. Right at the foundation, Huida has built up product quality as its life. For 30 years, Huida has adhered to the belief very many smashed rather than any defective sold" and firmly rejected any disqualified delivery. In 1997, Huida was the first to destroy third-level products. In 2000, it smashed second-level products. Up to now, all products have been considered with outstanding quality. It has created a new record in the sanitary industry of China.

惠达作为国家卫生陶瓷质量标准参与制定企业之一，内部执行着优于国标的内控质量检验标准。通过自主研发的检验设备，对每件产品跟踪测试，保证产品无缺陷出厂。截止目前惠达卫浴产品已获得美国UPC、欧洲CE、加拿大CSA、韩国KS等国际权威认证。

As one of the establishers of national sanitary ceramics quality standard, Huida has implemented an internal quality inspection standard that is higher than the national standard. By the self-developed inspection equipment, it carries out tracking test for each product to ensure no delivery of defectives. So far, the sanitary products of Huida have been authenticated by global authorities like American UPC, European CE, Canadian CSA and Korean KS.



SALES NETWORK



惠达产品出口100 多个国家和地区

Huida products have been exported to over 100 countries and regions

惠达海外品牌店 HUIDA OVERSEAS BRAND SHOP



巴林BAHRAIN



匈牙利HUNGARY



吉尔吉斯斯坦KYRGYZSTAN



希腊GREECE



玻利维亚BOLIVIA



阿联酋U.A.E.



摩洛哥MOROCCO



reddot design award winner 2011

红点设计大奖 (Red dot design award) 是由德国著名设计协会 Design Zentrum Nordrhein Westfalen 创立, 至今已有超过 50 年的历史, 红点设计大奖可以追溯至 1955 年, 是世界上知名设计竞赛中最大最有影响的一个竞赛, 素有设计界的 “奥斯卡” 之称。

Established by Design Zentrum Nordrhein Westfalen, a famous design association in Germany over 50 years ago, Red Dot Design Award which could be traced back to 1955 is the award set up by the biggest and the most influential design competition of the world, known as “Oscar” of the design world.



惠达磁悬浮艺术盆获得德国红点设计奖
Huida's "Maglev" design won Red Dot Design Award of Germany.

惠达设计 HUIDA DESIGN



红星奖是国内权威、国际知名的设计大奖。红星奖是国际工业设计协会联合会的认证奖项，红星奖鼓励企业设计创新，加速设计与制造的融合发展，推动中国设计的国际化。

Red Star Award is a domestically authorized and internationally well-known design award and also a certified award of the International Council of Societies of Industrial Design (ICSID). In 2010, standard recognition was realized between Red Star Award and Good Design Award of South Korea. Red Star Award is becoming a standard for a high design level in China, serving as the impetus of products and competitiveness improvement.



A' DESIGN AWARD; CF AWARD



Platinum A' Design Award Winner in Bathroom Furniture and Sanitary Ware Design Category, 2013-2014
意大利A' Design白金设计奖得主
浴室家居和卫浴设计类 2013-2014
CF Award 2013 广交会CF奖

Bathroom collection: UP, bathroom collection designed by Emanuele Pangrazi, shows how a simple concept can generate innovation. The initial idea is to improve the comfort slightly tilting the seating plane of the sanitary. This idea turned into the main design theme and it is present in all the elements of the collection. The main theme and the strict geometric relationships give the collection a contemporary style in line with European taste.

浴室系列：UP，由知名意大利设计师Emanuele Pangrazi设计的浴室系列，该设计展示了一个简单的概念如何产生创新。设计师最初的想法，是通过小幅改善产品底座上平面的倾斜角度来提高产品的舒适度。这个想法成为设计的主题，并体现在整个系列的设计元素之中，其设计主题和精确的几何学关系把现代风格与欧洲风情融为一体。

产品产能 CAPACITY

卫生陶瓷

Sanitary ceramics

拥有 17 条天然气隧道窑炉，年产 800 万件高档卫生陶瓷，拥有年产 400 万套便盖和水箱配件制造能力。
Have a 17 gas tunnel kilns, with an annual output of 8 million pieces of high-grade sanitary ceramics and 4 million sets of seat covers and cistern fittings .

浴缸、淋浴房

Bathtub, shower room

建立现代化浴缸、淋浴房生产线，年产浴缸 50 万件，浴房 30 万套。精选优质材料，耐酸、耐碱、耐高温，结构坚固，保证每一件产品品质卓越，历久弥新。

Establish a modern bathtub, shower room production line with an annual output of 150,000 pieces of bathtubs and 300,000 sets of shower rooms. Select high-quality materials with a good acid resistance, a good alkali resistance, a high temperature resistance and a firm structure which ensure the excellent quality and long lifetime of each product .

浴室家具

Bathroom furniture

引进德国先进生产设备，每道工序作业精益求精，现已达到年产高档橱柜、浴室柜 60 万件（套）生产能力，产品远销美国、英国、韩国等 30 多个国家和地区。

Introduce advanced production equipment from Germany, operate each process with a high standard which now enable us reach an output of 600,000 pieces (sets) of high-grade kitchen cabinets and bathroom cabinets, most of which have been exported to more than 30 countries and regions, such as the United States, the Great Britain, South Korea and so on.

浴室五金

Bathroom hardware

具有国际先进水平的浴室五金生产线，从外形设计、生产工艺入手，引进世界先进技术设备及顶级专业技术人才。现已形成水龙头、直管淋浴器、冲洗阀、浴室配件、不锈钢水槽等五大系列 1000 多个品种，年产五金龙头 260 万件。

Have an international advanced level of bathroom hardware production line, both from design and production process, introduce the world advanced technology equipment and top professional and technical personnel. We have formed five big series with more than 1000 varieties, annual output of 2.6 million pieces of hardware faucets, including faucet, shower set, flush valve, bathroom accessories, stainless steel sink and so on

瓷砖

Ceramic tile

惠达目前拥有 4 条年产 720 万平方米的抛光砖及仿古砖生产线，3 条年产 900 万平方米的内墙砖生产线。
Huida currently has four production lines with an annual output of 7.2 million square meters of polishing tiles and rustic tiles , 3 production lines with an annual output of 9 million square meters of interior wall tiles .



卫生陶瓷
Sanitary ceramics

拥有17条天然气隧道窑炉，年产800万件高档卫生陶瓷，拥有年产400万套便盖和水箱配件制造能力。

Have a 17 gas tunnel kilns, with an annual output of 8 million pieces of high-grade sanitary ceramics and 4 million sets of seat covers and cistern fittings

瓷砖

Ceramic tile

惠达目前拥有4 条年产720 万平方米的抛光砖及仿古砖生产线,3 条年产900 万平方米的内墙砖生产线。

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浴室五金

Bathroom hardware

具有国际先进水平的浴室五金生产线，从外形设计、生产工艺入手，引进世界先进技术设备及顶级专业技术人才。现已形成水龙头、直管淋浴器、冲洗阀、浴室配件、不锈钢水槽等五大系列1000多个品种，年产五金龙头260万件。

Have an international advanced level of bathroom hardware production line, both from design and production process, introduce the world advanced technology equipment and top professional and technical personnel. We have formed five big series with more than 1000 varieties, annual output of 2.6 million pieces of hardware faucets, including faucet, shower set, flush valve, bathroom accessories, stainless steel sink and so on.



浴缸、淋浴房
Bathtub, shower room

建立现代化浴缸、淋浴房生产线，年产浴缸50万件，浴房30万套。精选优质材料，耐酸、耐碱、耐高温，结构坚固，保证每一件产品品质卓越，历久弥新。

Establish a modern bathtub, shower room production line with an annual output of 150,000 pieces of bathtubs and 300,000 sets of shower rooms. Select high-quality materials with a good acid resistance, a good alkali resistance, a high temperature resistance and a firm structure which ensure the excellent quality and long lifetime of each product .



浴室家具

Bathroom furniture

引进德国先进生产设备，每道工序作业精益求精，现已达到年产高档橱柜、浴室柜60 万件（套）生产能力，产品远销美国、英国、韩国等30 多个国家和地区。

Introduce advanced production equipment from Germany, operate each process with a high standard which now enable us reach an output of 600,000 pieces (sets) of high-grade kitchen cabinets and bathroom cabinets, most of which have been exported to more than 30 countries and regions, such as the United States, the Great Britain, South Korea and so on.

惠达研发 HUIDA R&D

惠达建立之初就以技术创新、产品创新为企业发展的重中之重。先后投入 5000 多万元用于企业生产技术升级和产品研发。提供各种优越条件吸引技术人才加盟惠达。公司现有专业技术人员 200 多名，大中专人员 1800 多人。惠达集团采取对外学习引进，对内革新创新的手段，不断提升惠达生产技术工艺、生产设备。产品创新方面，惠达在清华大学组建了产品设计工作室，成立了惠达亚太设计中心，不断提高惠达产品的设计和研发能力。

Huida has regarded technological innovation and product innovation as its priority since the beginning of establishment. It has invested more than RMB 50 million for enterprise production technology upgrading and product R&D. All kinds of superior conditions have been provided to attract technical talents to Huida. Now the company has more than 200 professional technicians and more than 1,800 staff graduated from universities, colleges and vocational schools. Huida adopts learning and introduction externally and reform and innovation internally to consistently enhance its production technology and production equipment. As for product innovation, Huida established the product design workshop and Huida Asia-Pacific Design Center with Tsinghua University, in order to continuously improve the design and R&D capability.



漩水技术
SWIRLING WATER TECHNOLOGY

创新高效排水装置加之专业的大口径排污管道设计，创造非比寻常的超强冲水，3L/4L 水量一次排污，干净、强力，更比普通产品节水 30%。

Innovative and efficient drainage, combined with the professional large-diameter blow-off line design, creates extraordinary flushing water. 3L/4L of water is needed for a sewage discharge, which is clean and powerful, saving 30 percent of water compared with ordinary products.



净洁技术
CLEANING TECHNOLOGY

独有“高平滑底釉 + 自洁釉”双层施釉工艺，表面如镜，不给污垢残留空间，更具超强抗菌功效，对大肠杆菌及金黄色葡萄球菌抗菌率 > 98%，持久洁净，健康呵护。

The unique double glazing process of 'high smooth base glaze and self-cleaning glaze' makes the surface smooth like a mirror, which prevents the dirt, and has a super antibacterial effect with an antibacterial rate of > 98% to E. coli and Staphylococcus aureus. The lasting cleanliness takes care of your health.



顺达技术
COMPLIANCE TECHNOLOGY

采用 50mm 排污管道设计，内部 360 度施釉工艺，有效杜绝堵塞，超强排污，顺畅无阻。

50mm sewage piping design and the internal 360-degree glazing process, effectively eliminate clogging. Super sewage discharge ensures the piping is smooth and unhindered.



恒护技术
CONSTANT CARE TECHNOLOGY

配套水件均为量身定做，更经 30 万次冲水无滴漏极限测试，经久耐用，恒久品质保证。

Supporting fittings are tailor-made, but also subjected to leak-free limit testing through 300,000 times of flushing water, with durable, long-lasting quality assurance.



降铅技术
LEAD REDUCTION TECHNOLOGY

自有除铅技术，水龙头铅析出检测 Q 值 = 6.397ug，远低于国家铅检测 Q 值 < 11ug 的标准，技术领先，健康环保。

The leading, healthy and environmental-friendly self-owned lead removal technology ensures that the Q value of precipitated lead in a faucet is equal to 6.397ug, far below the national standard of Q



丝顺技术
SMOOTH TECHNOLOGY

惠达水龙头采用进口陶瓷阀芯，耐老化和耐磨损，使用 50 万次以上，依然开关顺畅，丝丝入扣。

With imported ceramic cartridges, the Huida faucets are aging resistant and wear-resistant; they are still smooth to turn on and off after used for more than 500,000 times, with great accuracy.



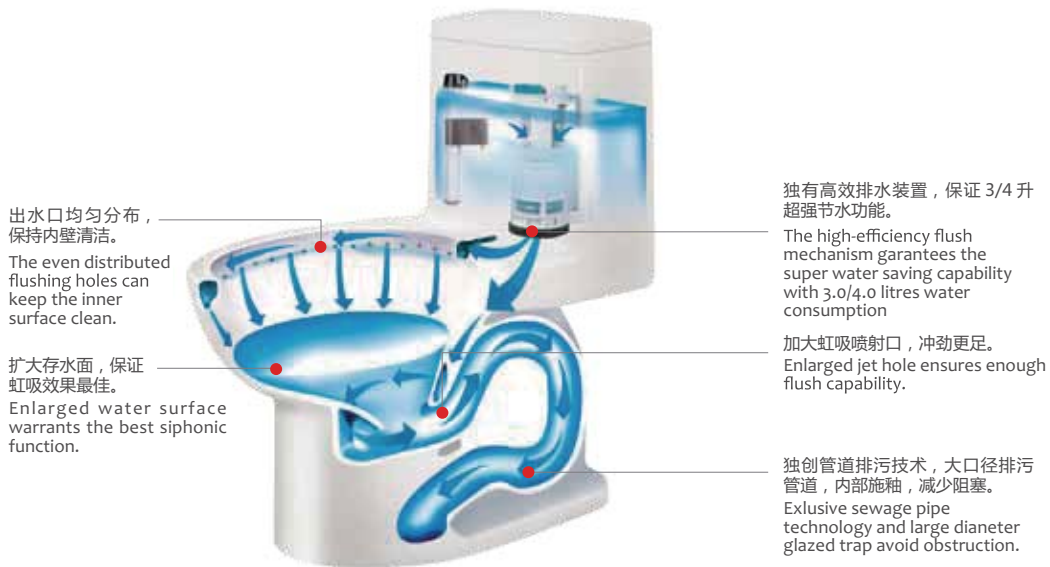


漩水技术

SWIRLING WATER TECHNOLOGY

惠达一直致力于研发具有保护生态环境和节约能源的环保产品。依托其博士后工作站强大的研发能力，成功开发 3L/4L 超节水型号产品。经过特殊设计的排污管道设计及排水装置，创造了非同寻常的强劲冲洗力，仅 4 升用水量即可将污物一次冲净。比国家标准节约 30% 用水量，每年每个家庭可节约用水 10950 升。

Huida has been committed to research and development in environmentally friendly products with ecological environment protection and energy saving. Relying on the strong development ability of post-doctoral workstation, it has successfully developed the 3L/4L water-saving models. Special designed sewage pipe and drainage facility create an exceptional strong flushing force, and the dirt can be rinsed out with only 4 liters of water, saving 30% water compared with the national standard. In this way, each family can save 10,950 liters of water per year.



3/4 升超节水产品 **漩水魔方** 系列冲洗系统示意图
Schematic diagram of flush system for 3.0/4.0 litres super water saving models



国标规定 100 个小球连续冲洗 3 次，平均每次不少于 85 个；惠达产品为平均每次不少于 98 个。

The national standard specifies 100 balls with 3 times successive flush not less than 85 pieces passing in average, but HUIDA's toilet not less than 98 pieces passing in average.

冲洗黑线实验 INK MARKER FLUSH TESTING



国标规定每次冲洗后残留墨线总长度不得大于 50mm，单段残留长度不得大于 13mm，惠达产品冲水效果更佳，更洁净。

The national standard specifies the ink marker not more than 50mm in total length after flush and not more than 13mm in single length.



净洁技术 CLEANING TECHNOLOGY

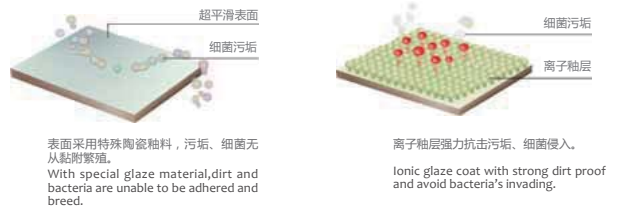
经中国计量科学研究院检测，惠达自洁釉表面粗糙度 $Ra=0.032\mu m$ ，而普通釉表面粗糙度 $Ra=0.2\mu m$ 。当污物和釉面接触时，越是平滑的表面，其接触的面积越小，那么表面和污物间的相互作用力（即附着力）也就越小。当用水冲洗污物时，接触面积越小的表面，即越是光滑的表面越容易冲洗干净。

惠达自洁釉中加入高效抗菌剂，其中含有大量银的复合物，缓释期长，可保证长期使用功能，不易滋生黑斑菌、尿垢等。经中国建筑材料研究院工业环境监测中心检测，惠达自洁釉卫生洁具产品对金黄色葡萄球菌的平均抗菌率 ≥ 99.5 ，产品对大肠杆菌的平均抗菌率 $\geq 95.92\%$ 。

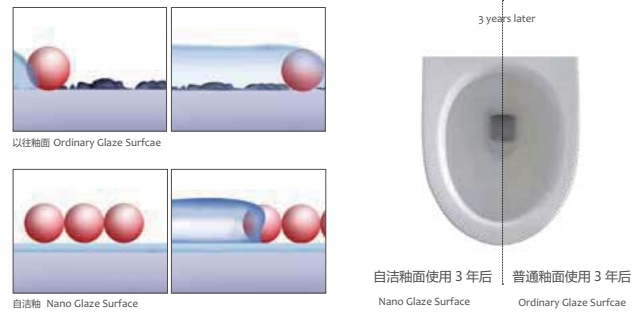
According to the testing by China Institute of Metrology, the surface roughness Ra of Huida self-cleaning glaze = $0.032\mu m$, while the surface roughness Ra of ordinary glaze = $0.2\mu m$. When the dirt comes into contact with the glaze, the more smooth the surface, the smaller the contact area is, and the smaller the interaction force between the surface and the dirt (i.e., adhesion) is. When the dirt is washed with water, the surface with smaller contact area, that is to say, the smoother surface is easier to be rinsed out.

Huida self-cleaning glaze is added with the efficient antimicrobial agent, containing a large number of silver complexes; a long slowly-releasing period can ensure long-term use and it is difficult to breed the black spot bacteria, urine scale, etc. according to the testing by Industrial Environmental Monitoring Center of China Building Materials Research Institute, the average antibacterial rate of the sanitary ware products with self-cleaning glaze to *Staphylococcus aureus* ≥ 99.5 , and $\geq 95.92\%$ for *E. coli*.

自洁釉面示意 NANO GLAZE SCHEMATIC DIAGRAM



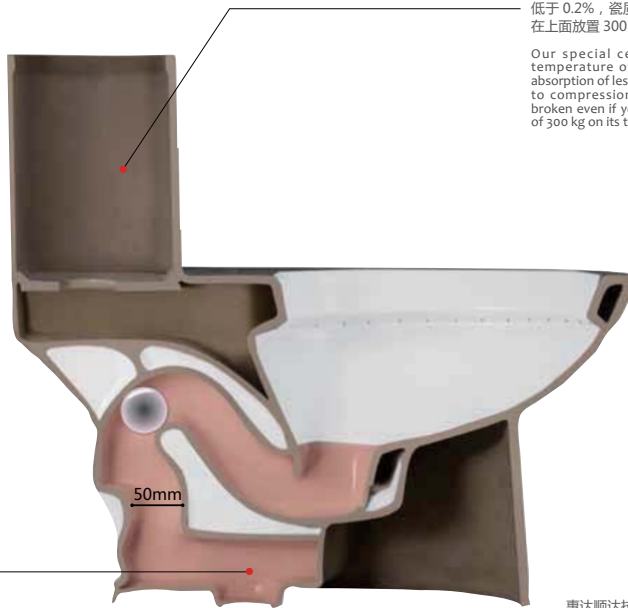
陶瓷表面对比示意 CERAMIC SURFACE COMPARISON SCHEMATIC DIAGRAM



顺达技术 COMPLIANCE TECHNOLOGY

惠达产品除配备强力冲水件外，更采用 50mm 排污管道，管道内壁 360 度施釉工艺的顺达技术，50mm 排污管道加大了污物体积，内壁 360 度施釉有效减少排污阻力，保证排污效果发挥到最大。通过测试日常污物一次排净，强劲冲水效能保证您使用无忧。

In addition to powerful flushing fittings, Huida's products are equipped with 50mm sewage pipes, which increase the dirt volume and compliance technology of 360-degree glazing process for inner wall that effectively reduces sewage discharge resistance, to guarantee the maximum draining effect. The daily dirt is emptied out in one time, and strong flushing efficiency ensures your use without worry.



惠达特制陶瓷泥浆经 1200 度高温烧成，吸水率低于 0.2%，瓷质抗压能力强，如果悬挂起来，在上面放置 300 公斤的重物也不会断裂。

Our special ceramic slurry is fired at the temperature of 1200 degree with the water absorption of less than 0.2%. With a high resistance to compression, the porcelain would not be broken even if you hang it up and place a weight of 300 kg on its top.

惠达特制排水管道直径达到 50mm，360 度施釉，排污管道平滑顺畅，并且配置了副水道，保证虹吸效果，冲水力强劲，排污效果更佳。
Our special drainage pipelines with a diameter of 50mm and 360-degree glazing and smooth sewage pipes, plus sub-waterways, ensure the siphon effect, a strong flushing force, and better draining effect.

惠达顺达技术产品示意图
Diagram of Huida product of compliance technology



原料加工：高标准是高品质的前提

RAW MATERIAL PROCESSING: HIGH STANDARD IS THE FOUNDATION FOR HIGH QUALITY

惠达公司实行全球化原料采购，精选FFC、制釉熔块、色料等基础性原料，保证卫生陶瓷的原料质量。采用最为合理的原料配比方案，应用精密控制的原料搅拌机及高强度磁铁，经过 13小时的机器研磨，确保55% 以上的泥浆微粒度达到小于10微米的超细水平，去除泥浆原料中的杂质，加入特定化学配方，调节泥浆的流动性、注浆性能等参数，加工出保障产品高质量的泥浆。目前拥有年产20万吨精细泥浆的生产能力。

Huida implements global raw material acquisition and carefully chooses FFC, fritted glaze, coloring material and other basic raw materials to ensure raw material quality of sanitary ware. It adopts the most reasonable raw material mixing scheme, and applies raw material mixers and high-strength magnet with precise control. More than 55% slurry particle could be superfine, i.e. less than 10 micron after 13-hour machine grinding, then impurities in the slurry raw material will be removed, special chemical formula is added, and parameters, such as liquidity and slip casting performance, will be regulated to produce the slurry to guarantee product quality. At present the company's annual output capacity is 200,000 tons of fine slurry.

高压注浆成型：精准作业 品质保证

HIGH-PRESSURE CASTING MOLDING: PRECISE OPERATION, QUALITY ASSURANCE

惠达集团致力于科技创新，勇于探索，将传统手工制陶工艺向机械化方向转变，率先在国内实现高压注浆成型，将传统成型每天1-2次，提高到每12分钟一次，而且能够保证坯体更加致密、均匀，提高了陶瓷坯体的强度及质量。

Huida is devoted to technical innovation and dares to make explorations. It transforms traditional hand-made ceramic manufacturing technology to mechanical way, and takes the lead in realizing the high-pressure casting molding in China. As a result, the traditional molding 1-2 times per day is boosted to 12 minutes per time, and moreover, the adobe becomes more compact and even, thus improving ceramic abode strength and quality.





机械手施釉：领先技术 环保节能

ROBOT GLAZING: LEADING-EDGE TECHNOLOGY
FOR ENVIRONMENT-FRIENDLY AND BERGY-SAVING

惠达集团采用全球领先的全自动电脑静电喷釉机械手进行釉面喷涂、喷釉过程程序化、数字化、封闭化，避免人工喷釉不均匀、厚度不一、产生釉面波纹、粉尘污染等弊端，提高釉面的平整度、致密性。

Huida applies the globally advanced full automatic computer static glazing robot for glaze spraying. The programmed, digitalized glaze spraying could avoid disadvantages in manual practice, such as uneven glaze spraying, ripple and dust pollution in the glaze. In this way, the flatness and compactness of glaze is improved.





原料采购： 高精仪器确保品质达标

RAW MATERIAL PURCHASING:
HIGH PRECISION INSTRUMENTS
ENSURES QUALITY STANDARDS

惠达浴室五金引进德国先进铜材料光谱分析仪对采购的精密铜材成份进行分析，确保原材料成份达标。

Huida bathroom hardware brings in advanced German copper materials spectrum analyzer to analyze the purchased precision copper ingredients and ensure raw ingredients can reach the standard.



CNC模具加工：美国哈斯加工中心 打造高质量产品

CNC MOULD PROCESSING: AMERICAN
HAAS PROCESSING CENTER, PRODUCE
HIGH-QUALITY PRODUCTS

引进美国哈斯CNC模具加工中心VW-2，该设备是世界上最先进模具加工机器，同轴直驱，全彩电脑系统控制加工精密高标准模具，制作标准高精度五金模具。行程X/Y/Z-762×508×508MM，主轴转速0-12000rpm。直观的高速控制系统，24刀位侧挂式刀库，自动换刀，加工精度定位±0.005mm。为模具制造提供了完美的精度，刚性和稳定性；将设计的3D模型导入CAM加工软件，依模具材料的特点设定工艺编制加工数控程序，导入加工中心进行模具加工。



We have introduced the full color computer system of American HAAS Processing Center to control and process high-precision moulds, and manufacture standard precision hardware moulds. The equipment is made by America Haas and is the most advanced mould machining machine in the world, which adopts co-axial direct drive. The equipment has an operating stroke of X/Y/Z-762×508×508, a main spindle speed of 0-12,000rpm, intuitional high-speed control system, and a side-attached knife storage with 24 knives which can be changed automatically and has a positioning accuracy of ±0.005mm. The equipment provides perfect precision, rigidness and stability for mould production, and channels the designed 3D moulds into CAM processing software, which can set processing numerical program in accordance with the characteristics of mould material, and channel the 3D mould into machining centre for mould production.



引进台湾卧式带锯，全程自动送料，强劲有力，同时操作简易，安全，减低用户的成本。采用优质的进口锯条，锯路小，减少木材的损耗，提高木材的利用率，所剖厚薄板表面平整，光滑，尺寸精确，偏差小，最理想的带锯机械。

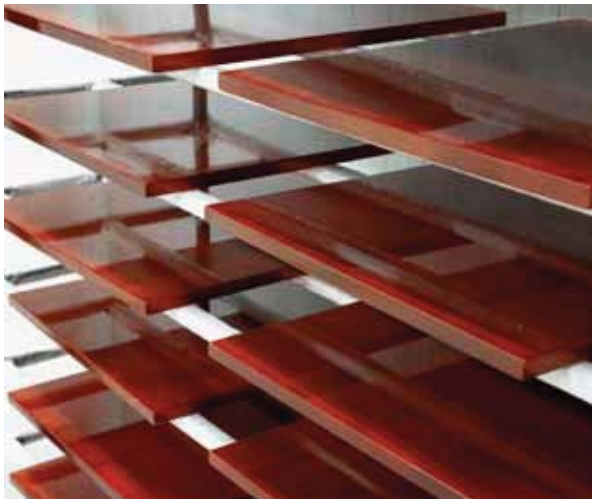
Horizontal Band Saw Place of Origin: Taiwan The machine is able to feed automatically and powerfully in whole process, and at the same time, it is easy and safe to operate with a low cost. The machine adopts high-quality imported saw blade with small saw line that can reduces wood waste and raises use ratio of wood. The thick and thin plate sawed by the machine has smooth surface, precise size and low deviation, so that the machine is an ideal saw machine.



德国豪迈集团全自动封边机应用伺服技术，电脑自动化控制，进料速度快，每分钟可达28米，功能齐全，可一次完成工件的封边和修整，跟踪倒角，抛光，无需人工再处理。本设备具有PLC控制系统，附带菜单引导式操作程序，使得产品在生产上更加快捷精准。



Full-automatic Edge Banding Machine Place of Origin: HOMAG Group of Germany The Machine adopts servo technology. Automatically controlled by computer, it has a high feeding speed of 28m per minute and complete functions, which can finish banding, trimming, tracking, polishing at one time. The equipment has PLC control system, attaching a menu-leading operating process, resulting in quicker and more precise manufacturing.



喷涂干燥： 国际领先设备加倍高品质

SPRAY DRYING: INTERNATIONAL ADVANCED
EQUIPMENT WITH DOUBLE HIGH QUALITY

半成品经过国际领先全封闭喷涂干燥室喷涂环保聚脂漆，打磨后，干燥24小时，检验出厂。

采用无尘正压封闭式面漆房，具有水帘式回收系统，有效降低废气废水的排放，达到了国际环保要求，能够保证产品表面的饱满度，平整度，光泽度等，使我们的产品质量大大提升，是传统油漆喷涂车间生产达不到的。

Semi-finished products are sprayed with environmental polyester paint in the internationally leading enclosed spray drying chamber, and then dried for 24h after grinding, and eventually for factory inspection.

Dust-free Positive Pressure Closed Surface Painting House
The product has a spray recovery system, which can effectively reduce the emission of waste gas and water, meet the international requirements of environmental protection, and guarantee the plumpness, evenness and glossiness of the products. It greatly improves product quality, which is impossible for traditional painting workshops.

领导关怀



惠达董事长王惠文与李克强总理的合影
Chinese Premier Li keqiang and Huida's chairman Wanghuiwen



时任总理温家宝与 2009 年视察惠达集团
Premier Wenjiabao visited Huida Group in 2009



2011 年惠达 CEO 王彦庆随时任主席胡锦涛访问美国
Chinese President Hu jitao visited USA with Huida's CEO Wang yanqing in 2011