



Economic And Safe Handling
Equipment At Transporting Production
经济安全的搬运工具

Easy And Efficient To Operate
方便高效的搬运操作方式

Pneumatic Design And
Careful Handling Of Load
稳定的全气动真空设计结构

高性价比的搬运系统解决方案

Offer High Performance & Cost-Effective Solution
Of Handling System



吸盘机系列产品已承保
中国平安 产品责任险

Our vacuum lifters had insured the
Product Liability Insurance of PING AN

国家高新技术企业
National High-tech Enterprise

Transtech

深圳市创思泰科技有限公司
SHENZHEN TRANSTECH TECHNOLOGY CO., LTD.



机械制造
Machinery



纳米涂层
Nano Coating



数码印刷
Digital Print

我们是做什么的

创思泰自动化致力于为玻璃深加工行业提供气动搬运设备、玻璃深加工传输仓储机械、玻璃易洁生产线及相关耗材品。

一直以来，创思泰自动化注重技术研发，注重自主知识产权、产品质量和生产成本的结合。我们拥有完备的产品制造设备和产品检测装置，对产品的质量进行全程控制，确保产品质量的稳定和提高，可根据客户需求，个性化设计、非标定制的专业解决方案。

我们的发展方向

借助强大的工程定制能力，成长为自动化工程技术服务集成商，服务纳米、数码业务板块以及其他行业。

我们的竞争力：

- 中国真空吸盘搬运机前三名
- 中国市场同类产品占有率前三名
- 累计销售超过千余台
- 客户遍及全世界
- 标准化和成熟的生产工艺流程和技术
- 强大的销售体系和产品型录
- 玻璃纳米易洁生产线行业的先行者与领跑者

欲了解更多详情，敬请登录 For more details, please visit

<http://www.transtechautomation.com>

What We Do

Transtech Automation is specialized in offering pneumatic handling equipment, storage rack for glass deep-processing industry and easy-clean glass wiping line & chemicals.

Transtech automation has been focusing on technology research and development, with independent intellectual property rights, product quality and production costs. We have quality assurance system to ensure product quality and reliability. We can also offer the customized design & solutions.

Our Mission

Our mission is to be automation engineering service integrator with strong engineering customization capacity, serving nano material, digital printing and other industries.

Our Track Records

- Top 3 vacuum handling equipment manufacturer in terms of market share in China
- More than thousand units as installment base
- Vast customer base all over world
- Standardized and systematic manufacturing process
- Complete product documentation
- Pioneer and leader as nano easy-clean glass wiping line

国家高新技术企业
National High-tech Enterprise

欧洲技术，中国制造，质量与成本的完美诠释！
Best Practice of European Quality and China Manufacturing!

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中国平安财产保险股份有限公司



国家高新技术企业 National High-tech Enterprise



创思泰吸盘机系列产品获得三十余项专利 (专利号)

Our vacuum lifter has 30+ patents (patent number)

ZL 2011 102990905	ZL 2015 104155237	ZL 2015 204790907	ZL 2015 204862587
ZL 2015 205150522	ZL 2015 205150537	ZL 2015 205464214	ZL 2016 208197239
ZL 2016 209610214	ZL 2018 103379963	ZL 2018 205358897	ZL 2018 207023807
ZL 2018 218182277	ZL 2018 218187425	



全部机型由国家专业机构认证 All models are certified by national professional institutions

保险单号: 1090001900249145908

保险单号:

鉴于本保险单明细表中列明的投保人向中国平安财产保险股份有限公司 分公司（以下简称“本公司”）提交书面投保申请和有关资料（该投保申请及资料被视作本保险单的有效组成部分），并同意向本公司缴付本保险单明细表中列明的保险费。本公司同意在本保单条款规定的保险责任范围内，对保险期限内被保险人的损失负赔偿责任。特立本保险单为凭。

中国平安财产保险股份有限公司
PING AN PROPERTY & CASUALTY
INSURANCE COMPANY OF CHINA
(公章)

(本保单须同时加盖保单专用章和骑缝章方有效)

签发日期:
签单公司地址:
本保单共计:

八、每次事故赔偿限额: RMB5000000.00

每次事故财产损失限额: RMB2000000.00

每次事故人身伤亡限额: RMB3000000.00

每人人身伤亡赔偿限额: RMB200000.00

累计赔偿限额: RMB5000000.00

最高理赔金额可达500,0000.00

Our vacuum lifters had insured the
Product Liability Insurance of PING AN

验真码: 02nB54d93fXFuvZ3P3

本保单信息来源于您的投保申请，是为您提供理赔及售后服务的重要依据。您收到保单后可登录中国平安网 (www.pingan.com) 或拨打95511，通过保单右上角的“保单号”及左下角的“验真码”查验保单真伪。如有疑问，请致电服务热线95511。

承保机型包含 (The insured models include):

LEL系列、CL系列、EL系列、RSE系列、REL系列、CSE 系列、CEL系列

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气动吸盘机系列 Pneumatic Vacuum Lifter

垂直旋转吸盘机

CL-250/350KG

Pneumatic Vacuum Lifter
CL-250/350 kg
for vertical rotation

CL 系列吸盘机：动作为垂直面旋转 90 度。用于各类立式玻璃深加工机器的垂直面搬运工序及旋转，例如中空玻璃生产线，立式钻孔机，直边机等立式设备上下片工作段。

CL Model vacuum lifter for vertical rotation with 90 degrees, which applies to glass processing of vertical handling production, in the loading and unloading sections of vertical insulating glass line, vertical grinding machine, and straight-line edging machine and so on.

卧立翻转吸盘机

EL-150/250/350/500kg

Pneumatic Vacuum Lifter
EL-150/250/350/500 kg
for tilting

EL 系列吸盘机：动作为水平面翻转 90 度。用于各类卧式玻璃深加工机器的水平面搬运工序及翻转，例如钢化炉玻璃生产线，夹胶线，双边磨等卧式设备上下片工作段。

EL Model vacuum lifter for tilting 0-90°, which applies to glass processing of horizontal handling production, in the loading and unloading sections of tempering glass line, laminated glass line, double edging machine and so on.



EL-500-D6A

卧立翻转 垂直旋转吸盘机

CEL-250/350KG

Pneumatic Vacuum Lifter
CEL-250/350KG
for tilting and rotation

CEL 系列吸盘机：动作为垂直旋转 90 度和水平面翻转 90 度。本机综合了 CL 系列和 EL 系列吸盘机的功能，可综合用于各类立式和卧式玻璃加工设备。

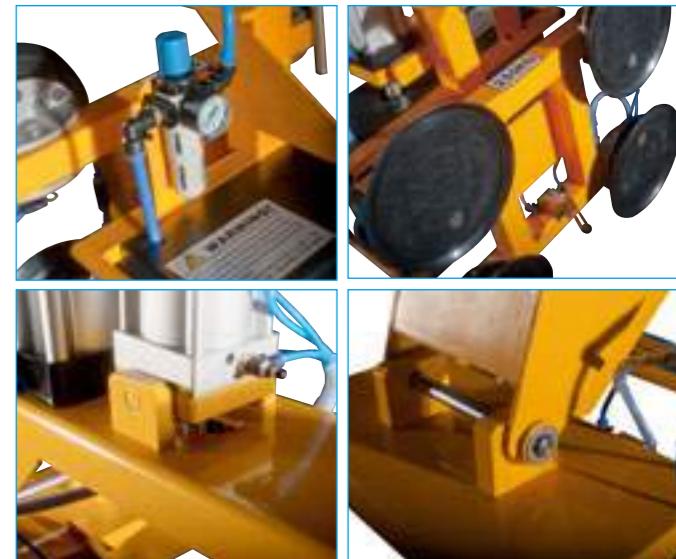
CEL Model vacuum lifter for vertical rotation 90 degrees and tilting 90 degrees, which applies to glass processing of vertical and horizontal handling production, combines the functions of CL & EL type.



CEL-500-D6A



DEL350-4



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REL-350-D4A



RSE-350-D4A

气动吸盘机系列 Pneumatic Vacuum Lifter

卧立翻转 360° 垂直旋转吸盘机 REL-250/350/500KG Pneumatic Vacuum Lifter REL-250/350/500KG for tilting and rotation

REL 系列吸盘机：动作为垂直旋转 360 度和水平面翻转 90 度。本机综合了 CL 系列和 EL 系列吸盘机的功能，是 CEL 系列吸盘机的升级版，可综合用于各类立式和卧式玻璃加工设备。

REL Model vacuum lifter for vertical rotation 360 degrees and tilting 90 degrees , which applies to glass processing of vertical and horizontal production, is the updated version of CEL type.



气动吸盘机系列参数表 Pneumatic Vacuum Lifter Data

参数 型号 Data Model	载重 (Kg) Capacity Weight	功能描述 Specification Description	升降行程 Stroke	供给方式 Mode of Supply	悬臂吊方式 Crane system
CL	250/350	真空发生器 90° 垂直旋转 Vacuum generation Vertical rotation 0-90°			
EL	250/350/500	真空发生器 90° 卧立翻转 Vacuum generation Tilting 0-90°			
CEL	250/350/500	真空发生器 90° 垂直旋转、90° 卧立翻转 Vacuum generation Vertical rotation 0-90° Tilting 0-90°			
DEL	350/500	真空发生器 90° 垂直旋转、90° 卧立翻转 Vacuum generation Vertical rotation 0-90° Tilting 0-90°			
REL	350/500	真空发生器 360° 垂直旋转 90° 卧立翻转 Vacuum generation Vertical rotation at 360° Tilting 0-90°	气缸升降 800-2000mm 标准为：1200mm Option 800-2000mm/ standard length: 1200mm	压缩空气 6-7 帕 6-7 bar	墙壁式 立柱式 结构式 Wall or pillar slewing crane/ X-Y crane construction
RSE	350/500	真空发生器 360° 垂直旋转 小角度卧立翻转 Vacuum generation Vertical rotation at 360° Small tilting and rotation			
LEL	150/250	真空发生器 轻型 90° 卧立翻转 Vacuum generation Tilting 0-90°			
ML	350/500	真空发生器 合片房专用吸盘机 Vacuum generation Transfer equipment in assembling room			



PL-350-4



PREL-500-6A

电动吸盘机系列 Electric Vacuum Lifter

电动吸盘机 PL 系列：PL/PEL/PCL/PCEL 300kg/500kg/800kg/1000kg Electric Vacuum Lifter PL Model: PL/PEL/PCL/PCEL 300kg/500kg/800kg/1000kg

PL 系列电动吸盘机：采用 220V AC 供电，直流马达驱动翻转和旋转、真空泵吸附；用于大版面重载光滑表面的板材搬运和中转

220VAC power supply, DC motor drive the tilting and rotation, vacuum pump for sucking; handling and transfer for large surface heavy-duty smooth surfaces



PL-500-8



PL-1000-8

电动吸盘机系列参数表 Electric Vacuum Lifter

参数 Data 型号 Model	载重 (Kg) Capacity Weight	功能描述 Specification Description	升降行程 Stroke	供给方式 Mode of Supply	悬臂吊方式 Crane system
PFL	350/500/800	真空发生器 180 度卧立翻转 Vacuum generation Tilting at 0-180°	环链葫芦 Hoist Chain	交流电 Power AC220V	吊车 Overcrane
PL	300/500/800/ 1000/1200/1500	真空泵 Vacuum pump			
PRL	300/500/800/ 1000/1200/1500	电动 360° 垂直旋转 Vertical rotating at 360° by electric motor			
PEL	300/500/800/ 1000/1200/1500	电动 90° 卧立翻转 Tilting 0-90° by electric motor			
PREL	300/500/800/ 1000/1200/1500	电动 360° 垂直旋转 90° 卧立翻转 Vertical rotating at 360° & Tilting 0-90° by electric motor			



蓄电池吸盘机系列

Battery Vacuum Lifter

蓄电池吸盘机
XL 系列：XL/XRL/XEL/XREL
 300kg/500kg/800kg/1000kg/
 1200kg/1500kg
Battery Vacuum Lifter
 XL Model: XL/XRL/XEL/XREL
 300kg/500kg/800kg/1000kg/1200kg/1500kg

采用蓄电池作为动力，真空泵吸附，液压翻转，旋转，
用于平面光滑的板材远距离搬运和中转，适合高空，
地面无法提供电气的工作场地

The battery is used as power, sucking by vacuum pump, hydraulic tilting and rotation. It can apply to the handling and transfer of long-distance in smooth surface materials. The lifter is also suitable for production sites where high altitude and ground cannot provide power and air.



蓄电池吸盘机系列参数表

Battery Vacuum Lifter

参数 型号 Model	载重 (Kg) Capacity Weight	功能描述 Specification Description	升降行程 Stroke	供给方式 Mode of Supply	悬臂吊方式 Crane system
XL	300/500/800/ 1000/1200/1500	低压真空泵 Low pressure vacuum	环链葫芦 Hoist Chain	蓄电池动力 Battery DC12V	电动葫芦 / 行吊 Electric hoist / Overcrane
XRL	300/500/800/ 1000/1200/1500	电动 360° 垂直旋转 Vertical rotating at 360° by electric motor			
XEL	300/500/800/ 1000/1200/1500	电动 90° 卧立翻转 Tilting 0-90° by electric motor			
XREL	300/500/800/ 1000/1200/1500	电动 360° 垂直旋转 90° 卧立翻转 Vertical rotating at 360° & Tilting 0-90° by electric motor			



BL-150

纸箱搬运夹具
Device of Carton handling



气动搬运助力臂

BL-150/200KG

Pneumatic Manipulator

BL-150/200KG

with articulated rigid arms

该气动搬运助力臂可做 2 段式 360 度旋转，上下提升助力搬运动作。
核心技术：平衡气缸和微调技术相结合，操作流畅；

增加断气保护，提升整机安全；

配合各种夹具，使用在多种行业的轻载搬运。

The pneumatic manipulator can rotate in two-stage 360degrees, vertical stroke in handing action.
Core technology: balancing cylinders and Micrometric Driftadjustments technology combined, makes smoothly operate;
add the broken air protection function , enhance the safety of operation;
with a variety of gripping device, apply for variety of industries in handing line;

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BL-200

玻璃搬运助力臂
Solution of glass handling

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悬吊轨道 Lightweight Craneway

根据工作场地的不同，气动吸盘机借助不同的悬吊方式，可以将玻璃搬运至你所需要的任意位置。
For different production sites, these pneumatic vacuum lifters can easily transport glass to any position you like by various craneway.



墙壁式悬臂吊
Wall Slewing Crane

墙壁式悬臂吊不占用地面面积，可以安装在墙上，厂房立柱上或机器设备上，其固定方式十分简单。
旋转角度：180°

The wall slewing crane requires no floor space, can be mounted on load-bearing concrete walls, pillars or machines with easy installations.
Radius angle: 180°



立柱式悬臂吊
Pillar Slewing Crane

270 度全旋转式的立柱式悬臂吊可以被安装在任何的工作场地。它占地小，并且可以利用全部可能的空间。
旋转角度：270°

The 270° rotating pillar slewing crane can be installed at any working site, maximizing loading space by small footprint.
Radius angle: 270°



结构式悬臂架
X-Y Crane Construction

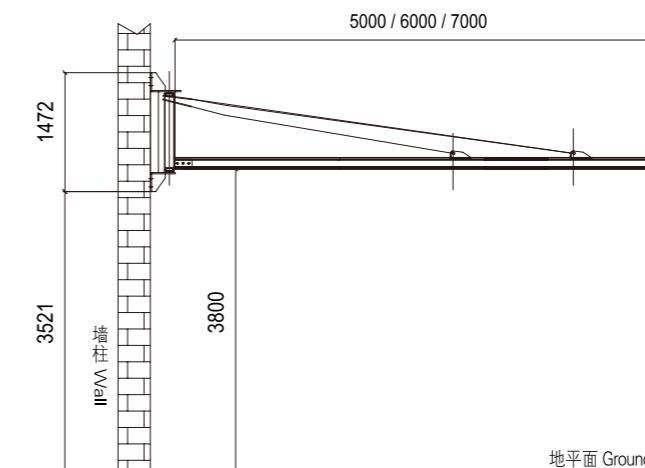
呈长方形的结构式组合框架，可以快速及完全的完成玻璃大范围的输送搬运。
手动 / 电动滑动

The framework of rectangle structure is designed for easy and fast handling and transporting glass in big area.

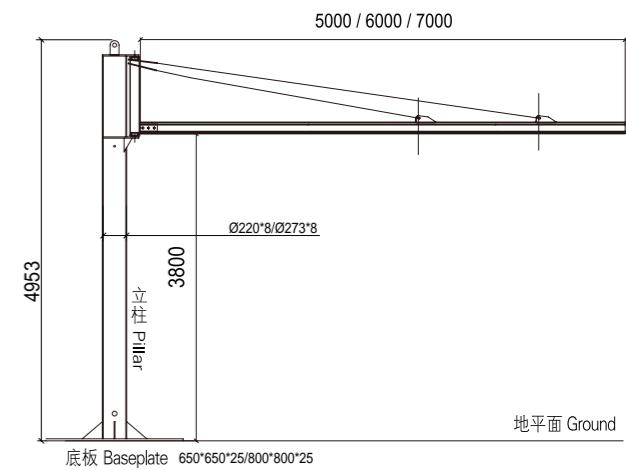
Movement: manual or motor operation

悬臂吊参数图 Technical drawing of slewing crane

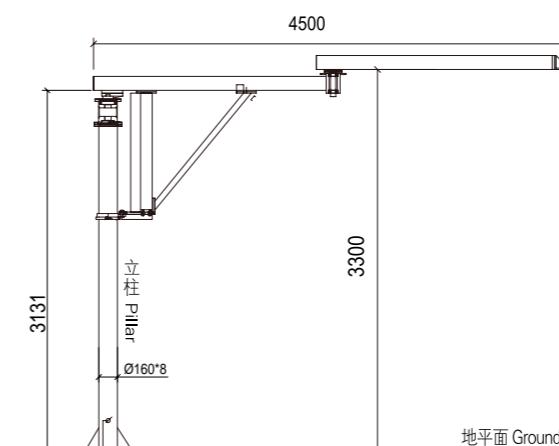
单位[Unit]:mm



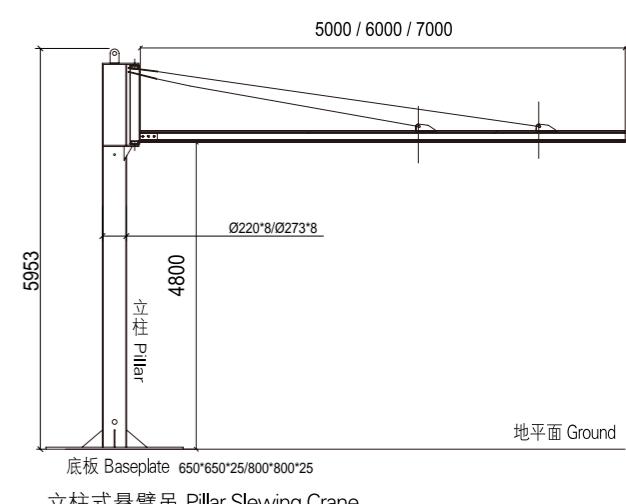
墙壁式悬臂吊 Wall Slewing Crane



立柱式悬臂吊 Pillar Slewing Crane



轻型悬臂吊 Articulated type crane



立柱式悬臂吊 Pillar Slewing Crane

立柱式案例 Pillar Slewing Crane



案例均为实景拍摄照片，侵权必究！

The cases are real photos, Copyright infringement !

立柱式案例 Pillar Slewing Crane



案例均为实景拍摄照片，侵权必究！

结构式案例 X-Y Crane Construction

The cases are real photos, Copyright infringement !

墙壁式案例 Wall Slewing Crane



案例均为实景拍摄照片，侵权必究！

The cases are real photos, Copyright infringement !

钢化辊清洗机 TRC-2000/2500/3000

Roller cleaning equipment for tempering furnace



该设备是一种专门针对钢化炉陶瓷辊清洗和抛光工作的智能设备，能够彻底移除在陶瓷辊表面上附着或熔化的任何污物，如玻璃、SO₂残留物等。在清洗和抛光的过程中，使用特殊工具来保护陶瓷辊表面的完整性，并增加亮度和光泽度，实现了让钢化辊焕然一新和提升玻璃钢化品质的作用。

机器的使用可以极大地省去深加工玻璃厂对于该项清洗工作的人力成本、缩短了钢化炉设备的停产时间，可以说是一台具有革命性意义的机器。

主要技术特点

- 将机器放入钢化炉炉膛内，机器将全自动行走清洗每根钢化辊
- 清洁工具由三个功能盘组成（铲刮 / 研磨 / 抛光除尘），以确保陶瓷辊表面的最大光泽度和亮度
- 专利设计的吸附装置，最大限度的控制了抛光后粉尘的产生和异物的污染

The main technical features

- Simply put the equipment into the tempering furnace , then it will fully automatic cleaning each roller
- The special tool consists of three disks (cleaning/polishing/dusting) to ensure the maximum gloss and brightness of the ceramic roller surface
- The patent of vacuum device controls, the generation of dust after polishing and the contamination of foreign matter to the maximum

与传统手工清洗相比，使用“TRC”清洗机的时间和巨大优势
Compared with traditional hand-cleaning ceramic rollers

传统的人工清洗 Traditional hand-cleaning ceramic rollers	TRC 清洗 The advantages of TRC
清洗时间 6-8 小时 6-8 hours in cleaning	第一次清洗持续 1-2 小时，第二次 1-2 小时 Duration first cleaning in 1-2h, Duration second polishing 1-2h
需要进行清洗的人数 5-8 5-8 workers in the processing of cleaning	只需要一个人操作 Only one worker in the processing of cleaning
不确保 100% 完全清洗整个表面 Does not ensure 100% complete cleaning of the entire roller surface	100% 保证陶瓷辊整个表面的完美清洁 Guarantee perfect cleaning of the entire roller surface
不保证整个陶瓷辊表面洁净度的质量 Does not ensure the cleaning results subject the roller gloss	100% 保证整个陶瓷辊表面质量 Quality of the entire rollers gloss guaranteed and perfect 100%
有时会损坏陶瓷辊表面 It sometimes damages the ceramic roller	不会损坏陶瓷辊表面 Do not damage to the ceramic roller

主要配件 Main accessories



铲刮盘 Cleaning disk



研磨盘 Dusting disk



抛光盘 Polishing disk

快速扩充模块

快速连接扩充长度设计，面对不同的钢化炉尺寸

Fast Expandable Module

Fast connection design for the different widths of furnaces



智能表面™ 价值无限！ Smart Surface™ Creates Value

欲了解更多纳米新材料详情，请点击创思泰纳米网站
For more details on Transtech Nano Material, please visit

www.transtechnano.com

睿盾智能玻璃表面解决方案是针对普通玻璃表面存在的功能局限问题，借助强大的睿盾纳米涂料产品，在普通玻璃表面施以喷洒或涂抹等工序，将普通玻璃改造成拥有易洁、防水、抗污、抗菌、耐刮、防腐等功能的智能化玻璃表面，从而提升玻璃的附加价值。创思泰纳米从原料供应、自动生产线、展示设备等方面，提供一站式系统性的玻璃易洁集成服务以及玻璃易洁非标定制服务。

SmartGuard Glass Surface Solution adds values to ordinary glass by transforming surface into smart surface, featuring with easy-cleaning, water-repelling, dirt/scratch/erosion proof, anti-microbial functionalities, through spraying or wiping application of SmartGuard Nano Chemical. Transtech offers one-stop integrated facilities/services from chemicals supply, auto-wiping machine/line to demo device.



— 涂抹式施工法 —
Application method: wiping



— 喷涂式施工法 —
Application method: spraying



幕墙玻璃解决方案
Solution for Curtain Wall



淋浴房玻璃解决方案
Solution for Shower Room Glass



光伏玻璃解决方案
Solution for PV Glass



汽车玻璃解决方案
Solution for Car Glass

Smartguard™ 睿盾™ SG4/6

自洁幕墙玻璃方案 Self-clean curtain wall glass solution

建筑玻璃幕墙长年裸露在外，容易受到大气浮尘的吸附，尤其是北方城市，长年干燥少雨，幕墙玻璃极易脏旧，影响建筑美观。雇佣“蜘蛛人”清洁幕墙需长期投入，且安全风险高，治标不治本。自洁幕墙玻璃表面拥有自清洁、抗垢、抗静电的功能，无需定期高空清洁打理，雨水冲刷即可保持清洁美观。

The dust is easy to adhere on the curtain wall as the long time dry weather, so cleaning is the biggest problem: need to clean regularly, costing time, labor and safety risk.

With nano coating, glass will be covered by a thin film of self-cleaning system, with functions of anti-static electricity, anti-dirt accumulation. Rainwater can easily wash away dirt on the glass due to hydrophobic coating, no need to clean regularly.



Smartguard™ 睿盾™ SG1/1S/2/3/4/5S

自洁淋浴房玻璃方案 Self-clean Shower Room glass solution

淋浴房玻璃、浴室镜面、梳妆镜面、汽车后视镜面、试衣镜面等镜面玻璃长期遭受水渍、污渍和皂垢的侵袭，难以快速擦拭干净且不易长期保持清洁，并由此滋生细菌，影响美观也影响人体健康。我们的产品可以让淋浴房玻璃表面和镜面玻璃拥有易洁、抗污、防雾的功能，轻松冲洗即可实现清晰透亮且易洁功能持久的效果。

Glass for shower room is always in a wet surroundings, so the dirt, soap scum and bacteria easily adheres on the glass surface, it is not only impact people's health but also cost more time, cost and labor to be cleaned.

Our product can help you to address these issues. With nano-coating, shower room glass is easy to be cleaned and maintained by 90% saving on time.



欧洲技术，中国制造，质量与成本的完美诠释！
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