绿色科技 齐创共享

民族品牌 全球战略

Green Technology

Let’s create and share together

National Brand

Global Strategy

必硕智能“纸”为绿色生活

BeSure to Secure your investment for a Greener Planet!

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BESURE 必硕智能



走进必硕 洞见趋势
STEP INTO BST AND KNOW MORE ABOUT THE INDUSTRY TREND



广东必硕智能科技有限公司是中欧合作企业，总部位于中国装备制造产业中心——广东佛山，占地面积38000㎡，专注纸浆模塑设备、模具研发和制造二十多年，现已成为中国纸浆模塑设备制造行业首家 OTC 挂牌上市的国际化集团公司（股票代码：220098），是高端纸浆模塑设备、模具、纸浆餐具制品的大型供应商。

BeSure Technology Co., Ltd. (short as BST) is a China-Europe Cooperative International Group focusing on the research, development and manufacturing of pulp molding equipment and mold for more than 20 years. Its headquarter is located in Foshan, Guangdong, which is the equipment manufacturing center in China, covers an area of 38,000㎡. Till now, BST has been become the first company within the pulp molding equipment manufacturing industry in China to be listed on the OTC stock market (stock code: 220098), and also an important supplier of high-end pulp molding equipment, molds, and pulp molded tableware products.





作为国家高新技术企业，必硕智能持有国家发明专利、实用新型专利、软件著作权共100多项；严格执行ISO9001质量管理体系，选择与世界一流的欧洲、日本品牌供应商合作，产品取得了欧盟CE认证、加拿大CSA认证、俄罗斯CU-TR认证、美国UL认证等国际各项认证。

As a National High-tech Enterprise, BST has obtained more than 100 patents, including national invention patents, utility model patents, and software copyrights; BST strictly implements the ISO9001 quality management system, and cooperates with world standard suppliers from Europe and Japan, the products have various international certificates obtained European CE certification, Canadian CSA certification, and Russian CU-TR International certifications and American UL certification.

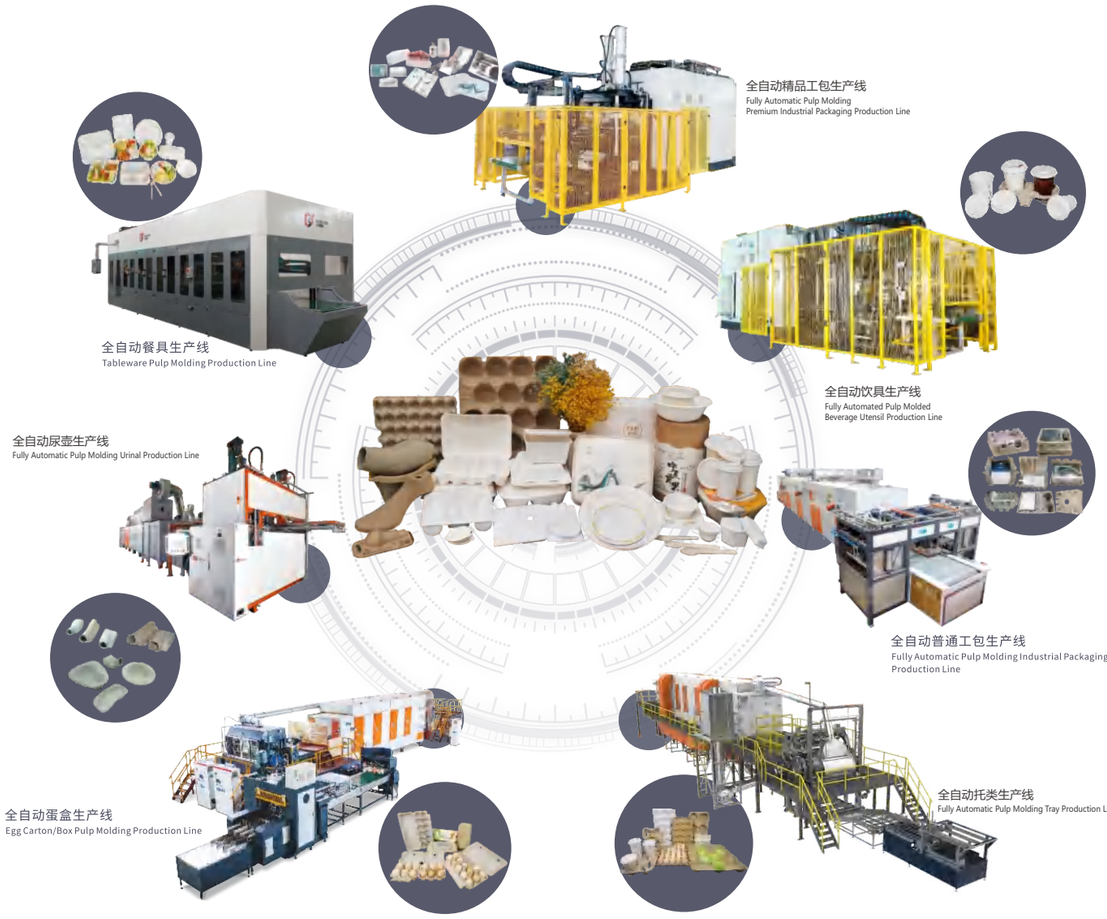
随着发展规模不断壮大，必硕智能率先布局全球化产业生态链，先后投资建立欧洲分公司、印度分公司和内蒙古必硕环保科技有限公司，成功开创多项国内首创的核心技术，综合实力和制造技术达到国际先进水平，为全球客户提供纸浆模塑整线项目一站式解决方案。

With the continuous growth of the scale of development, BST takes the lead in laying out the industrial ecological chain by succesively establishuing European Branch, Indian Branch and pulp molding finished products production plants in China. BST has created a number of pioneering core technology, with the comprehensive strength and manufacturing capability reaching the international advanced level, providing customers with one-stop solutions for the entire pulp molding production line or the whole project.





七大生产线系列
Seven major production line series

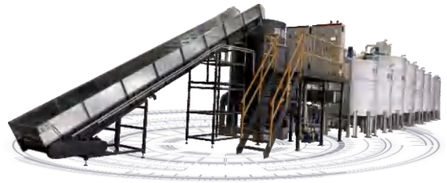




产线配套系统
Production line supporting system

配套辅助系统的主要功能
The main functions of the supporting auxiliary system

制浆系统：碎浆机、浆桶、水桶、浆泵、水泵、搅拌器、浓度控制仪、控制柜等。
Pulping System: hydrapulper , pulp tank, water tank, pulp pump, water pump, agitator, consistency controller, control cabinet, etc.





真空系统：为主机成型产品提供真空。
Vacuum system: Provides vacuum for the main machine when forming and transfering product.



成型系统：成型、热压、切边、堆叠一体完成。
Forming system : Integrated with forming, hot pressing, trimming and stacking.

备注：此图仅作示例；根据不同的产品和生产工艺选择相应的生产线.
Note: This figure is only for example; Select corresponding production lines based on different products and production processes.



空压系统：为主机转移产品提供压缩空气。
Air compressor system : Provide compressed air when tranfering product .



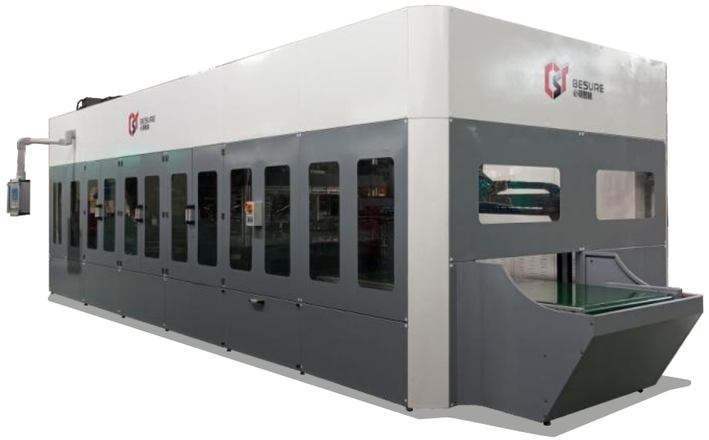
高压水系统：为主机清洁模具提供高压水。
High Pressure Water System : High pressure water is provided for cleaning the main machine mold.

全自动高速餐具生产线-TSA2-115105

Fully Automatic High-speed Tableware Production Line -TSA2- 115105

精小高效 节能降耗

Small and efficient, energy saving and consumption reduction











说明 Description / Model 型号	TWA-4	TWA-8	TWA-12	TWA-18	TWA-36
产能 Capacity	4T/day	8T/day	12T/day	18T/day	36T/day
占地 Floor Space	24×96m, H≥6m	24×128m, H≥6m	25×152m, H≥6m	25×152m, H≥6m	25×152m, H≥6m
每班人员 Staffing (Per shift)	5	9	13	19	37
装机功率 Installed power (Electricity Heating)	737KW/hr	1336KW/hr	1762KW/hr	2860KW/hr	5079KW/hr

全自动饮具生产线

Fully Automatic Cup/Cup lids Production Line

数智兼备 量质并举

Integrated with Digital Intelligence, Better quality and Higher Capacity











说明 Description / Model 型号	TL-4	TLC-6/2	TLC-8/4	TLC-12/6	TLC-18/8
产能 Capacity	2T/day	4T/day	6T/day	9T/day	13T/day
占地 Floor Space	28×56m, H>5m	28×104m, H>5m	28×104m, H≥5m	36×144m, H≥5m	45×176m, H≥5m
每班人员 Staffing (Per shift)	5	9	13	20	28
装机功率 Installed power (Electricity Heating)	451KW/hr	958KW/hr	1576KW/hr	2138KW/hr	3255KW/hr

全自动精品工包生产线-TSMP-11075
Fully Automatic Fine-art Packaging Production Line -TSMP-11075

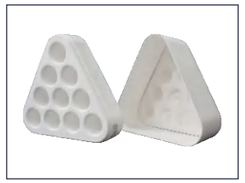
精匠工艺 至臻品质

Exquisite Craftsmanship, Superior Quality











说明 Description / Model 型号	FPH-4	FPH-6/2	FPH-10/2	FPH-14/4	FPH-28/8
产能 Capacity	1T/day	2.5T/day	3.5T/day	5.5T/day	11T/day
占地 Floor Space	18×26m H≥6m	18×26m H≥5m	18×40m H≥5m	18×40m H≥5m	18×40m H≥5m
每班人员 Staffing (Per shift)	8	18	26	30	58
装机功率 Installed power (Electricity Heating)	335KW/hr	1487KW/hr	1487KW/hr	1595KW/hr	3095KW/hr

全自动工包生产线-IP 系列
Fully Automatic General Industrial Packaging Production Line -IP Series

性能进阶 柔性灵活

Advanced performance, Flexible Customization







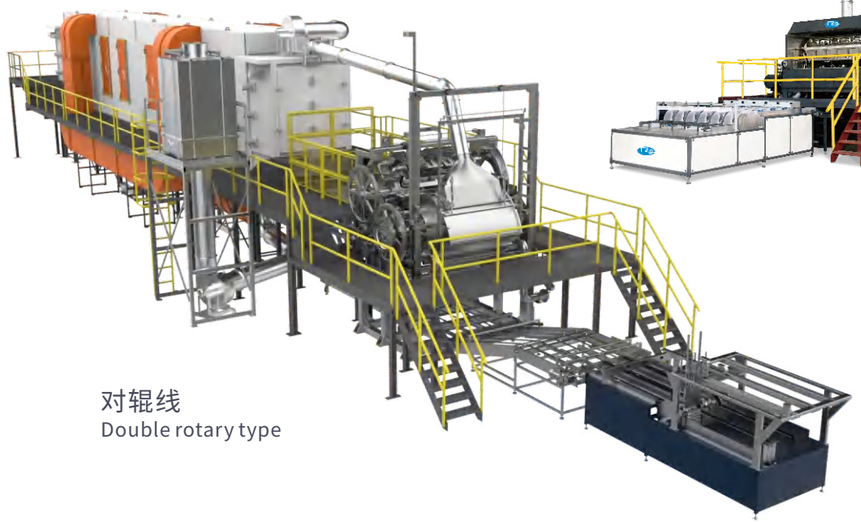




型号 model / 说明 Description	IP4000	IP5000	IP6000	IPS12000
产能 Capacity	4T/day	5T/day	6T/day	12T/day
占地 Floor Space	48×24m H≥5m	48×24m H≥5m	66×24m H>5m	66×24m H≥5m
每班人员 Staffing (Per shift)	7	5	9	12
装机功率 Installed power (Electricity Heating)	221KW/hr	270KW/hr	363.7KW/hr	578KW/hr
天然气消耗 Gas Consumption	55m³/hr	68.75m³/hr	82.5m³/hr	165m³/hr

全自动蛋托生产线-ET系列
Fully Automatic Rotary Type Egg Tray Production Line -ET Series

技艺醇熟 增量降本
Mature Technology, Higher Capacity with Lower Production Cost



对辊线
Double rotary type



转鼓式
Rotary drum type









说明 Description / 型号 Model	ET6000	ET7200	ET12000	FT4800	CT16000	CTH14400
产能 Capacity	6000pcs/hr	7200pcs/hr	12000pcs/hr	4800pcs/hr	16000pcs/hr	14400pcs/hr
占地 Floor Space	60×24m H>6m	60×24m H>6m	66×24m H>5m	60×24m H≥6m	60×24m H≥6m	60×24m H≥6m
每班人员 Staffing (Per shift)	3-4	3-4	4-5	3-4	3-4	4-5
装机功率 Installed power (Electricity Heating)	290KW/hr	332KW/hr	425KW/hr	362KW/hr	334KW/hr	383KW/hr
天然气消耗 Gas Consumption	113.85m³/hr	136m³/hr	227m³/hr	114m³/hr	170m³/hr	153m³/hr

全自动高速蛋盒生产线-EC系列
Fully Automatic High-speed Egg Carton Production Line -EC Series

连线热压 加速扩产
Online Hot pressing, Accelerated Capacity Expansion





贴标机 labeller



印刷机 Printing machine









型号 Model / 说明 Description	EC5400	EC9600	EC10800
产能 Capacity	5400pcs/hr	9600pcs/hr	10800pcs/hr
占地 Floor Space	54×21m, H ≥6m	60×21m,H≥5m	60×21m,H≥5m
每班人员 Staffing (Per shift)	4	6	7
装机功率 Installed power (Electricity Heating)	287KW/hr	430KW/hr	462KW/hr
天然气消耗 Gas Consumption	82m³/hr	146m³/hr	164m³/hr

全自动医疗生产线-UL 系列
Fully Automatic Medical Care Container Pulp Molding Production Line - UL Series

技术引领 市占率高
Superior Technology, Dominant Market Performance



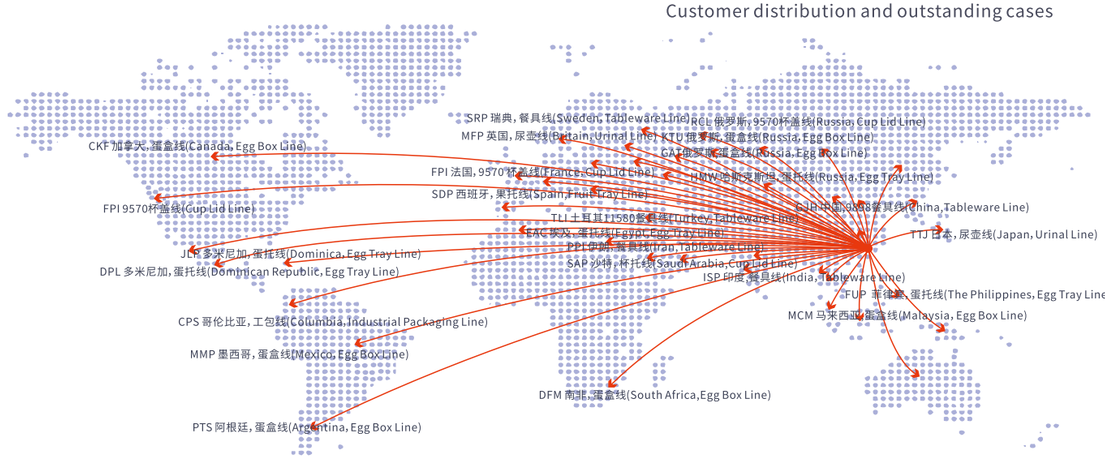





型号 Model / 说明 Description	UL1350
产能 Capacity	1350pcs/hr
占地 Floor Space	60×24m, H≥6m
每班人员 Staffing (Per shift)	3
装机功率 Installed power (Electricity Heating)	102-145KW/hr
天然气消耗 Gas Consumption	14-16m³/hr

成功案例
Customer Cases

客户分布及经典案例
Customer distribution and outstanding cases





杯盖线项目
Cup Lid Line Project



餐具线项目
Tableware Line Project



蛋盒线项目
Egg Box Line Project



蛋托线项目
Egg Tray Line Project



工包线项目
Industrial Packaging Line Project



尿壶线项目
Urinal Line Project

智能检测包装系统
Intelligent detection packaging system



全自动产品生产设备
Fully automated products Production equipment

视觉检测系统
Visual inspection system

堆叠抓取系统
Stacking grabbing system

包膜系统
Envelope system

功能描述：
·集产品的智能排序、检测、堆叠、膜包、开箱、装箱、封箱、码垛于一体。
技术特点：
·高速度+高精度：检测速度可达220个/min，质检合格率高达95%。
·稳定高效：操作简单，性能稳定，提高生产效率。·自动化程度高：极大减少人工投入及劳动强度。
·智能化程度高：数字与信息化集成，MES数字化智能工厂管理。

Function description:
·It integrates intelligent sorting, detection, stacking, film packaging, carton folding, packing, sealing and pallet.
Technical features:
·High speed+high precision: the detection speed can reach 220 pieces/min, and the qualified rate of detection arrive 95%.
·Stable and efficient: simple operation, stable performance, and improved production efficiency.
·High degree of automation: non-contact, greatly reducing labor input and human intensity.
·High degree of intelligence: digitization and information integration with MES management.

智能检测包装系统
Intelligent detection packaging system



热收缩系统
Heat shrink system

开箱系统
Folding system

装箱系统
Packing system

封箱系统
Sealing system

应用场景：纸浆模塑餐盘/汤碗/打包盒/杯盖等产品的后段检测包装智慧工厂。其中纸浆模塑产品视觉系统用于产品外形和表面缺陷检验，可以自动检测产品品质，并自动剔除变形，黑点、透光的问题产品。杯盖视觉系统用于产品外形和表面缺陷检验，可以自动检测杯盖的产品品质，并自动剔除变形，黑点、穿孔透光的问题产品。

Application : This device provide smart solution for an intelligent packaging system for pulp molded products such as plates, bowls, clameshell boxes, cup lids.
The pulp molded products visual detection system is used for product appearance and surface defect inspection, which can automatically detect the product quality of products and eliminate products with deformation, black spots, perforation, and transparency issues.

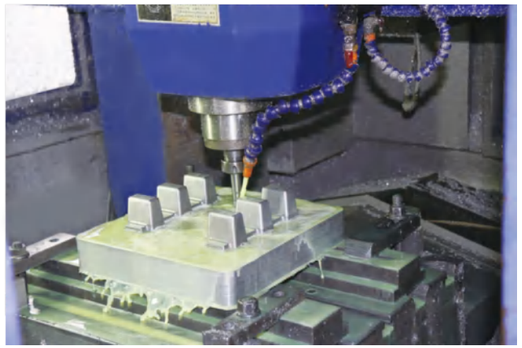
模具设计制造
MOLD DESIGN AND MANUFACTURING

纸浆模塑模具设计、制造是必硕智能的重要业务。截至目前，必硕智能已为行业研制上万件复杂精密的纸塑模具！必硕智能拥有经验丰富的设计团队、模具车间、铸造车间、数控加工车间和钳工装配车间，可提供纸塑制品模具的加工、装配、调试等一站式解决方案，为客户带来全方位纸塑模具的专业定制服务。

The design and manufacturing of pulp molding molds is also important business part of BST. Up to now, BST has developed tens of thousands of complex and precise pulp molding molds for the industry! With an experienced design team, BST also owns a whole set of mold workshop, casting workshop, CNC machining workshop and staggered assembly workshop, with great capability of one-stop solutions for the processing, assembly, and debugging, bringing customers a full range of professional customized services for pulp molding molds.



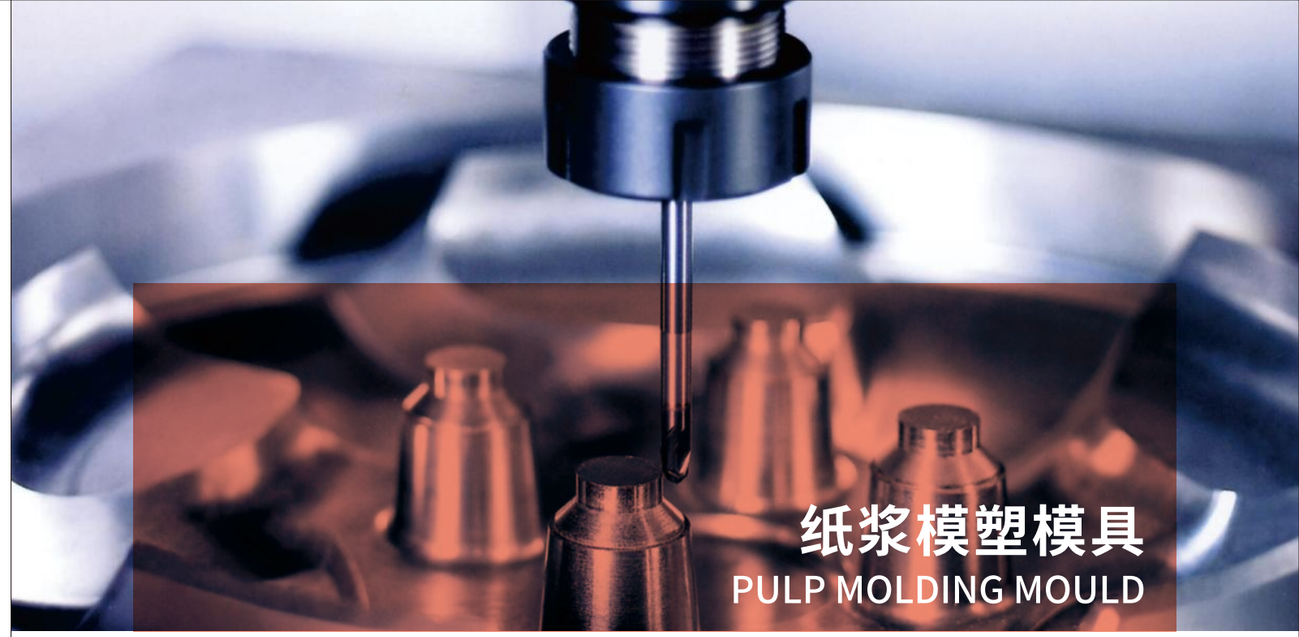










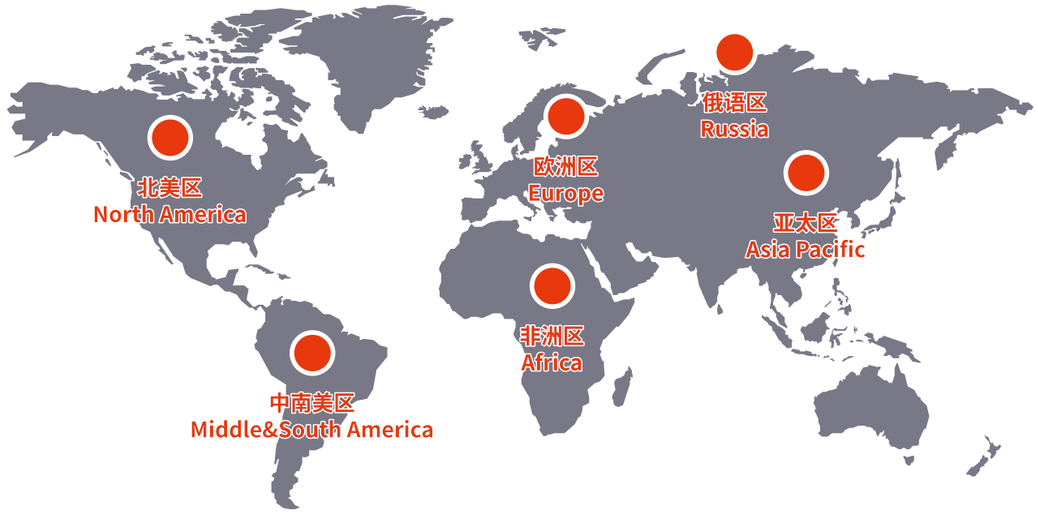




我们的服务
OUR SERVICE

必硕智能在全球部署六大服务中心（欧洲区、俄语区、北美区、亚太区、中美洲区、中东非洲区），并先后投资建立中国内蒙古工厂和印度分公司，服务客户超过500家。就近提供专业、快速、及时的整体解决方案。

BST has deployed six service centers worldwide (Europe, Russia, North America, Asia Pacific, Central America, Middle East and Africa), and has successively invested in the establishment of the factory in Inner Mongolia, China and a branch company in India, serving more than 500 customers, providing professional, prompt and timely overall solutions nearby.



售前服务 PRE-SALES SERVICE



01
行业分析
Industry Analysis



02
项目定位
Project Positioning



03
发展规划
Development Planning



04
投资方案
Investment Proposal
(设备选型、价格、流程、布局等)
(equipment selection, pricing, flowchart, layout, etc.)



05
投资回报率分析
ROI Analysis

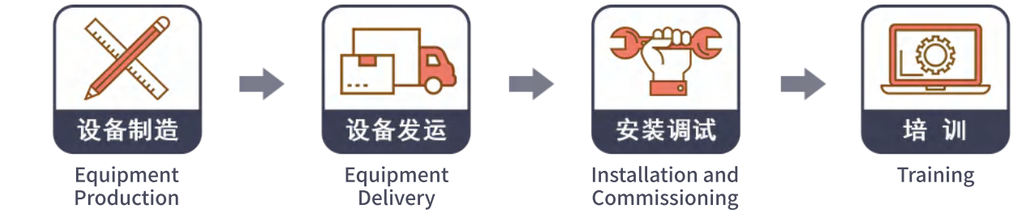


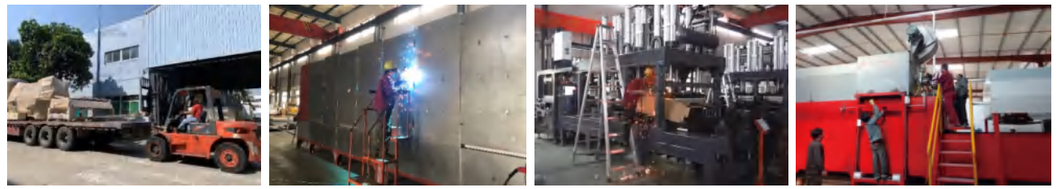
06
销售模式
Sale Model



07
生产管理模式
Production Management Model

售中服务 SALES SERVICE





售后服务 AFTER-SALES SERVICE

- 终身服务，永续提供零配件及升级改造
  Life-long Service, Sustainable Supply and Upgrade of Parts and Components
- 保修一年（机械及主要结构部分保修3年）
  One-year Warranty (Three-year Warranty for Mechanical Parts and Main Structure)



知名合作供应商 WELL-KNOWN COOPERATIVE SUPPLIER

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Rexroth Bosch Group　HIWIN　NSK　AirTAC
ABB　YUCIYUKEN　Sumitomo　FRIENE 弗兰德