



自1993年起，汇布就开始为洗涤工业、洗涤集成系统领域设计并研发创新。

Since 1993, Hoop has started to design and innovative for washing industry, washing integrated system.

LAUNDRY MACHINE AND INTEGRATED SYSTEM MANUFACTURER

中央洗涤工厂  
CENTRAL LAUNDRY  
FACTORY

洗涤龙系统  
TUNNEL WASHING  
SYSTEM

集成洗涤系统  
INTEGRATED WASHING  
SYSTEM

高速后整理系统  
HIGH-SPEED FINISHING  
SYSTEM

**hoop** **HOOP WASHING MACHINERY**  
 汇布（上海）实业有限公司  
 江苏汇布洗涤机械制造有限公司

洗涤装备和集成系统制造商

# PROFESSIONAL EXPERT FOR YOUR LAUNDRY SOLUTION 您的专业洗涤解决方案专家

提供高效、环保、节能、适用的一体化解决方案  
Providing high- efficient, environment-friendly, energy-saving,  
feasible integrated solution projects

汇布中国，发展至今，汇布始终坚持着创业之初的传统，并以一贯的价值观和原则指导着企业的发展。20年多的发展体现了汇布的责任、奉献和热情，并将不断地植入汇布未来的发展和创新之中。

汇布定位于以技术创新为驱动的企业，致力于成为洗涤装备的研发、生产和销售方面的领先企业，为客户提供最先进和最具竞争力的技术解决方案。对于我们所有的合作伙伴，我们都会以一致的专业态度和热情为您提供服务。我们也将不断引进和培养优秀的专业人才，并通过持续地培训课程让每一位员工不断地成长。我们确信可以为每一个客户提供优质的售前和售后服务。对于正在开展和即将启动的每个项目，我们都希望通过融入日常工作之中的创新精神、工作效率和社会责任感来赢得客户和员工的信任。

Hoop China, with development till now, We always adhere to the original tradition of entrepreneurship, and guide the development of enterprises with consistent values and principles. The development of over 20 years reflects the responsibility, dedication and enthusiasm of Hoop, and will continue to be implanted into the future development and innovation of Hoop.

Hoop is oriented in an enterprise driven by technological innovation, and commit to being a leading enterprise in R&D, production and sales of washing equipment, supplying customers with the most advanced and competitive technical solutions. For all of our partners, we will provide you services with a consistent professional attitude and enthusiasm. We will also constantly introduce and train outstanding professional talents, and continue to grow every employee through continuous training courses. We are confident that we can provide superior pre-sale and after-sales service for every customer. We hope to win the trust of our customers and employees by integrating the creative spirits, work efficiency and social responsibility into our daily work.





DEDICATED TO PERFECTION AND  
DETAIL SUPER QUALITY OCCURS ITSELF

## 执着于细节的完美 精品自然呈现



自1993年成立以来，汇布始终贯彻创新与合作的原则，使公司的产品和服务种类不断增加。如今，我们已经成为洗涤行业一体化解决方案的提供商。

我们所着的一切均遵循发展长期合作伙伴关系的企业理念，并坚持不断探索和敢于创新的原则。我们为客户和合作伙伴提供全面的解决方案，按照市场要求和客户需要量身定制。

Since its foundation in 1993, Hoop has always adhered to the principle of innovation and cooperation, which has diversified the company's products and services. Nowadays, we have become a professional provider of integration solutions for the washing industry.

Everything that we are cling to is following the philosophy of developing long-term partnerships, and insisting on the principles of continuous exploration and innovation. We provide comprehensive solutions for our customers and partners, as per market demands and customers' actual needs.

### 在这里，您能得到：

- >量身定制的解决方案
- >个性化解决方案
- >用途众多的各种产品
- >高标准的质量认证体系
- >全面覆盖全流程的服务
- >最大程度的灵活性和个性化

### Here You Can Get:

- >Tailored solutions
- >Personalized solutions
- >A wide range of products
- >High standard quality certification system
- >Comprehensive coverage of full-process services
- >Maximum flexibility and personalization

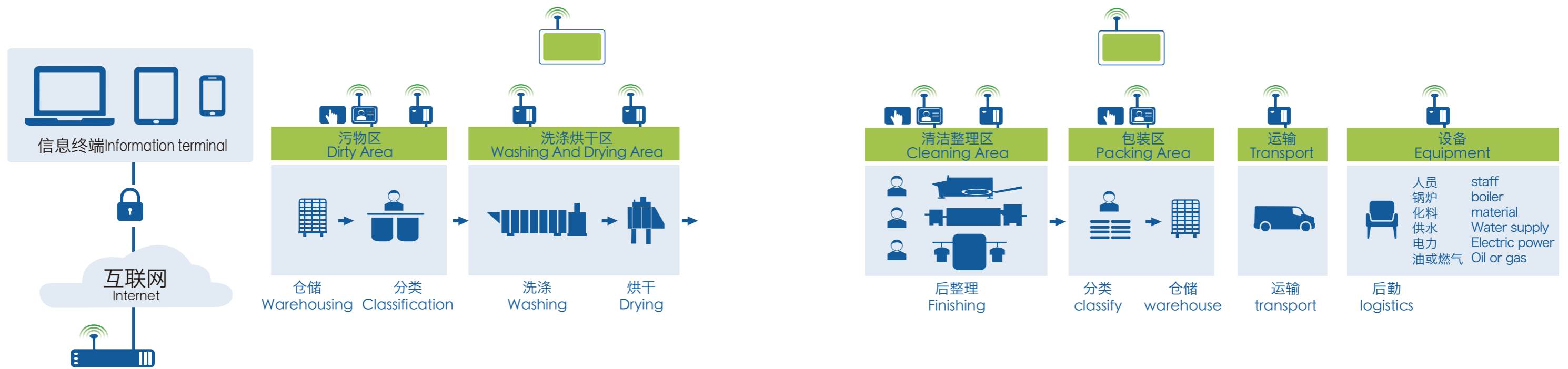
# TO ESTABLISH A GLOBAL INTELLIGENT CENTRAL LAUNDRY FACTORY 创建智慧型中央洗衣工厂

CPS智能管理系统（包括过程自动化，物联网，互联网，可视化，ERP，APP系统定制方案）；  
精益流程规划设计，生产运营效率最大化（目标：PPOH >50Kg/hr.人；能耗 <1.0Kwh/kg）；  
清洁生产，环保节能，资源消耗最小化（直燃加热，能源系统优化，排放资源再利用）。

- >CPS intelligent management system  
(including Process automation, IOT, Internet, visualization, ERP, APP system customized proposal);
- >Lean process planning and design, Maximize production and operation efficiency  
(Target: PPOH >50Kg/hr, per person, energy consumption <1.0Kwh/kg);
- >Clean production, environmental protection and energy conservation, minimization of resource consumption  
(direct combustion heating, energy system optimization, discharge resource reuse);



- 基本模块  
Basic module
- 屏幕预览  
Preview screen
- 人员注册  
Personnel registration
- 生产注册  
Production registration
- 工作场所注册  
Workplace registration



# COMPOSITION OF ENGINEERING SCHEME 工程方案组成

# PROJECT COMPOSITION 洗衣房工程主要内容

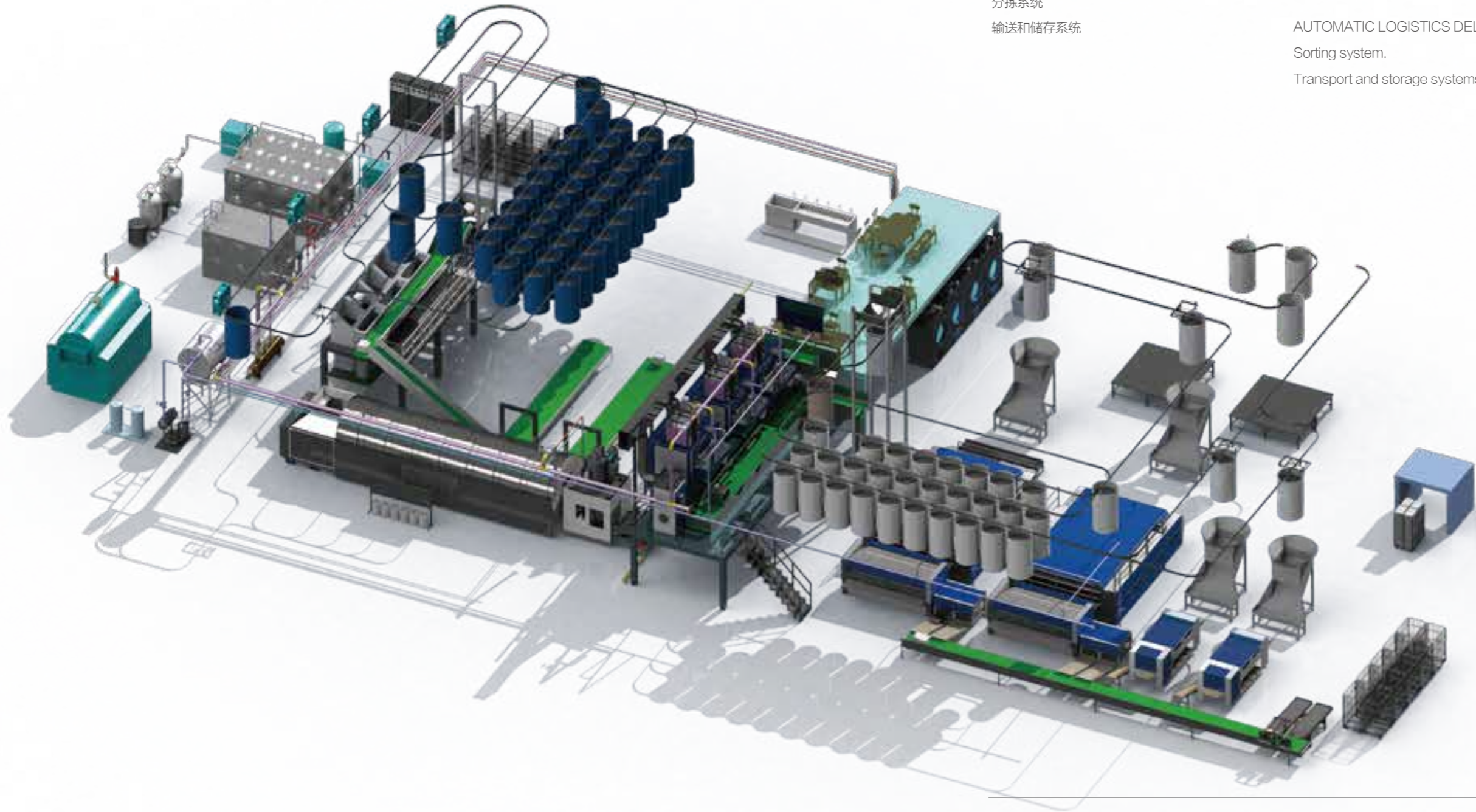
## 系统组成

洗涤烘干自动化  
 隧道式洗涤机组  
 自动集成洗涤系统  
 后整理自动化  
 布草熨烫线  
 工服整理线  
 物流传送自动化  
 分拣系统  
 输送和储存系统

## SYSTEM COMPOSITION

AUTOMATIC WASHING AND DRYING  
 Tunnel type washing machine.  
 Automatic integrated washing system.  
 AUTOMATIC POST-FINISHING  
 Linen ironing line.  
 Work clothes finishing line.  
 AUTOMATIC LOGISTICS DELIVERY  
 Sorting system.  
 Transport and storage systems.

AUTOMATION AND INTELLIGENCE  
 Automatic control system.  
 Intelligent management system.  
 MEDIA RESOURCE OPTIMIZATION  
 Clean energy systems.  
 Resource reuse systems.



# TUNNEL WASHING SYSTEM 洗衣龙系统

## 更机动灵活 More mobile and flexible:

每个模块独立变频控制 (7-15rpm), 洗涤工艺可根据织物机动调整, 维修和扩展产能方便;  
Each module has independent variable frequency control (7-15rpm), Washing process can be adjusted according to fabric types, more convenient for maintenance and output expansion

## 更高洗净度 Higher cleanliness:

360度圆周洗涤并兼顾270度晃动洗涤方式, 冲刷和压缩双向作用, 预洗泵循环, 43:1大载荷比, 洗净度更高;  
Both 360° Circumferential washing and 270° sloshing, bidirectional effect of washing and compression, Prewash pump circulation, 43:1 large load ratio, with higher cleanliness

## 更节省能源 More energy-saving:

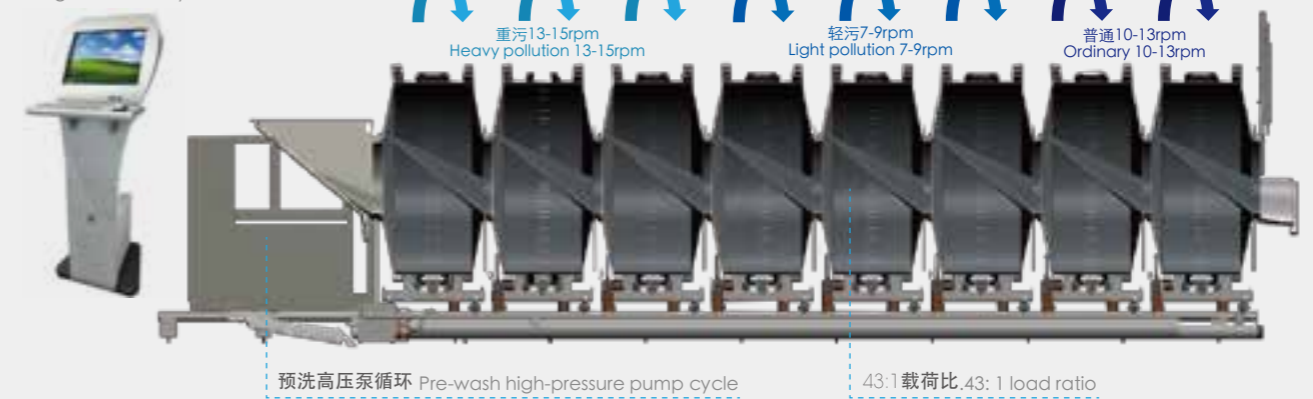
软性连接外筒, 多级循环泵 (首舱高压泵冲刷), 比其他洗衣龙节省资源消耗30%以上。  
Soft connection with external cylinder, multi-stage circulation pump (first class tank high-pressure pump scouring), saving more than 30% energy than other laundry dragons.



# INNOVATION 创新

- 预洗高压泵循环冲刷;
  - 独立模块速度变频可调 (7-15rpm);
  - 兼顾圆周和晃动两种洗涤方式;
  - 43:1超大载荷比, 0.3G超高洗净能力;
  - 数据系统自动计量, 系统智能匹配和控制各个环节。
- Prewashing high pressure pump circulation scouring
  - Independent module variable frequency speed (7-15rpm)
  - Both circle washing and shaking washing available
  - 43:1 larger load ratio, Ultra high cleaning capacity
  - Data system automatically metering, intelligent system matching and controlling of each link

智能控制系统  
Intelligent control system



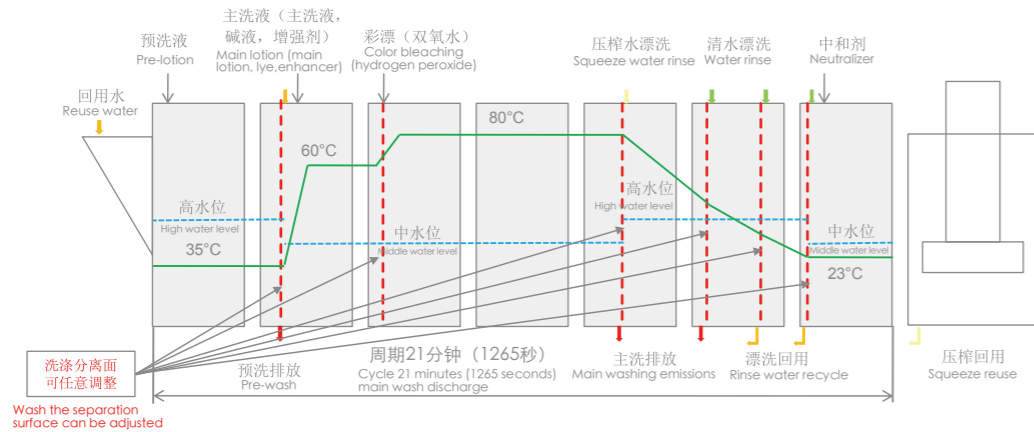
## 像单机一样任意调整洗涤程序实现完美的洗净效果 ADJUST THE WASHING PROCEDURES AS EASILY AS STAND ALONE

### 医疗布草程序 to reach perfect cleaning effect :

7舱75KG, 出料节拍3分钟 (180秒), 1500kg/hr  
7 cabins , 75KG/ cabin, discharging beat 3 mins(180 sec), 1500kg/hr

### 洗后检测数据Post-wash test data:

活性碱小于: 20PPM, PH值: 6.5-6.9, 返洗率1.1%-1.3%  
active alkali < 20 PPM,PH value:6.5~6.9, return washing rate1.1%~1.3%



# INNOVATIVE AND DEVELOPED ECONOMICAL LAUNDRY DRAGON 创新研发的经济型洗衣龙 更加适合中国使用环境

- 对升级改造资金困难的客户, 可采用经济型洗衣龙配置, 并保持隔离洗涤方式;
- 洗涤量800-1200公斤/小时 (相当于10台单机能力), 厂房约1000平方米;
- 一体式结构, 模块化批量生产, 大幅降低设备生产和采购成本。
- 更好的性价比配置, 具有同时与单机, 集成, 洗衣龙系统竞争的能力。
- For customers who have financial difficulty in upgrading and reconstruction, economical laundry dragon configuration is adoptable and isolate washing method needs to be kept.
- Washing capacity: 800-1200 kg/h (equivalent to 10 sets single machine), workshop area about 1,000 square meters;
- Integrated structure, modular mass production, greatly reduce equipment production costs and purchase costs.
- Better cost performance, comparable with stand-alone and integrated laundry dragon systems.

### 超强的洗净力和机动性可柔性、智能处理不同的织物

- 红外检测技术, 智能控制烘干过程;
- 双变频控制, 回风加热烘干系统, 高效节能 (含直燃型)
- 高压油泵, 压榨过程根据植物类别往复缓存可调。
- 监控洗涤过程及结果参数, 智能检测和判断洗涤效果 (PH, 电解度)。
- 独立模组, 360度洗涤和270度洗涤兼顾, 各仓均可变频柔性调整洗涤速度和
- 工艺参数, 适应不同布草的处理要求。
- 洗涤机械力最高可达0.36G (比普通龙高一倍), 轻松处理各类疑难布草。

### SUPER STRONG DETERGENCY AND MOBILITY FLEXIBLE AND INTELLIGENT PROCESSING FOR DIFFERENT FABRICS AVAILABLE

- Infrared detection technology, intelligent control drying process
- Dual frequency control, return air heating and drying system, high efficiency and energy saving (including direct combustion type)
- High pressure oil pump, the squeezing process can be adjustable according to fabric types.
- Monitor washing process and result parameters, intelligent detection and determine washing effect (PH value, electrolysis).
- Independent module, both 360° washing and 270°C washing available, each cabin with variable frequency speed and processing data to meet different linen treatment requirements.
- Washing mechanical force up to 0.36G (twice as high as ordinary washing dragon) and easily handle all kinds of particular grass.



# SUPPORT EQUIPMENT FOR TUNNEL LAUNDRY SYSTEM

## 洗衣龙的配套设备



### 压榨机

#### SQUEEZER

- ◎ 稳定和强大的压力，液压回路的最大压力为275 bar。
- ◎ 和床单、水接触的部件全部用不锈钢制成，面板不锈钢。
- ◎ PLC控制与图形显示和指示，具有系统菜单和对话框，
- ◎ 100种不同的可能修改参数的方案，各类的可视化报警信息。
- ◎ 具有4种不同压力的机型供选择。
- ◎ 可设置往复预压程序，减少布草损伤。

- ◎ Stable and strong pressure, maximum pressure of hydraulic circuit is 275 bar.
- ◎ All contact parts are made of stainless steel, stainless steel outer surface cover.
- ◎ PLC Control and graphics display and instructions, with system menus and dialog boxes,
- ◎ 100 different possible modification parameters, all kinds of visual alarm information.
- ◎ Totally 4 types available
- ◎ Reciprocating preloading procedure can be set, reduce damage for cloth grass

### 倾斜式贯通烘干机 (蒸汽型和燃气型)

#### TILTING DRYER (steam type and gas type)

- ◎ 采用双立式布局不锈钢加热器，节省能源且使用更可靠；
- ◎ 电脑控制系统可进行智能烘干湿度检查和控制，柔性控制烘干过程，提高工作效率；
- ◎ 具有前倾斜功能，快速实现出料，出料时自动风向调控系统；
- ◎ 可选用蒸汽、燃气或导热油加热方式；
- ◎ 滚筒、过滤网均采用不锈钢制成；
- ◎ 传动和风机均采用变频控制；
- ◎ 进出双温度控制系统。

- ◎ Adopt double vertical stainless steel heater, energy-saving and more reliable;
- ◎ Computer control system can be used for intelligent drying and humidity checking and control, flexible control drying process, improve work efficiency.
- ◎ With forward-inclining function, quick discharging, automatic wind-direction control
- ◎ Steam heating, gas heating and conductive oil heating optional.
- ◎ Both roller and filter screen are made of stainless steel;
- ◎ Transmission and fan are controlled by frequency conversion.
- ◎ Dual temperature control system.

### 高速离心机

#### HIGH SPEED CENTRIFUGE

- ◎ 360度旋转，快速进料和出料；
- ◎ 进口伺服高转矩电机，300-800G，适应不同工况的要求；
- ◎ 进口减速机中心支撑，旋转方便，工作可靠；
- ◎ 进口气囊减震系统；
- ◎ 旋压一体式内胆，刚性外缸，结构更强；
- ◎ 整体式合金轴承座及皮带轮。

- ◎ 360° spin around, quick feeding and discharging
- ◎ Imported high torque motor, 300-800g, suitable for different working conditions;
- ◎ Imported speed reducer, easy to spin, reliable & durable;
- ◎ Imported airbag damping system
- ◎ Rotary pressure integrated inner tank, rigid outer cylinder, more solid structure
- ◎ Integral alloy bearing and pulley

### 装料机

#### LOADING MACHINE

- ◎ 6隔仓设计,PVC带装配不锈钢隔板，每仓装载37.5kg(全棉织物)
- ◎ 全不锈钢机架,带宽1000mm,两侧不锈钢围板高度400mm。
- ◎ 配自动称重系统，按钮直接选择洗涤程序。

- ◎ 6 cabins, PVC belts with SS separating boards, each cabin loaded 37.5kg (all-cotton fabric)
- ◎ All SS frame, belt width 1000mm,side SS wall height 400mm
- ◎ With automatic weighing system, press buttons to choose washing procedures.

### 穿梭机

#### SHUTTLE

- ◎ 全不锈钢制作，悬臂及底部侧支撑方式。
- ◎ 三维坐标运动,配有光电感应传感器,具有自动识别工位功能,采用可编程逻辑控制系统，触摸屏人机交互界面显示屏，
- ◎ 系统菜单和连线压榨机和烘干操作选择程序。
- ◎ 显示各警报和故障信息显示功能。

- ◎ All SS structure, cantilever and bottom side support
- ◎ Three-dimensional coordinate motion, equipped with photosensitive sensor, has automatic identification station function,
- ◎ Using programmable logic control system, touch-screen interface display screen,
- ◎ System menu and wire press and drying operation selection procedure.
- ◎ Displays all alarms and failures

### 穿梭车

#### SHUTTLE TROLLEY

- ◎ 穿梭车是与多台自动卸载洗衣机和多头贯通式烘干机配套使用的设备，其主要功能是根据系统要求自动识别洗衣机的洗涤进程，为洗脱机和烘干机自动装载。
- ◎ 具有双向行程动作（纵向与横向）；
- ◎ 可根据需要配置随车人员操作平台。

- ◎ Shuttle trolley will be used together with several automatic unloading washers and tunnel dryer .Its main function is to automatically identify washing process according to system requirements, automatic loading for washing and dryer.
- ◎ With two-way stroke (vertical and horizontal)
- ◎ Operator and operating platform optional as per actual needs

# INTEGRATED WASHING SYSTEM 集成洗涤系统

## 旋转式快速集成系统

全自动分拣，快速装料和卸料，高速脱水（400G）  
快速节能烘干机  
可机动组线，处理各类批量或疑难织物。

## ROTATORY FAST INTEGRATED SYSTEM

Automatic sorting, quick loading and unloading, high-speed drying (400G)  
High speed energy-saving dryer  
Flexible assembly line to handle all kinds of particular fabrics in batch.

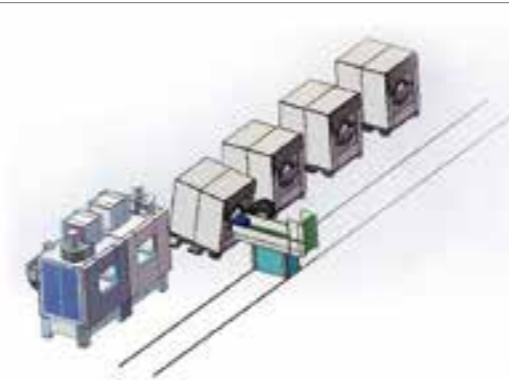
# INTEGRATED WASHING SYSTEM OF TILTING WASHER EXTRACTOR 倾斜式洗脱机的集成洗涤系统

半集成方案：前倾斜机+穿梭车+贯通式烘干机；

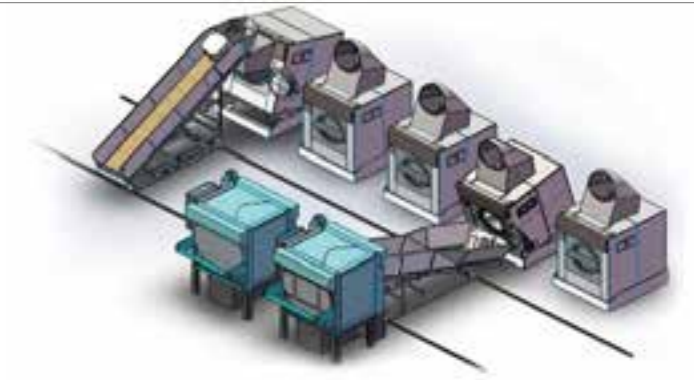
全集成方案：装料机（或吊袋）+双倾斜机（含装料斗）+穿梭车+贯通式烘干机。

Semi-integration scheme: forward tilting machine + shuttle trolley + tunnel dryer

Full-integration scheme: loading machine (or bags) + double tilt machine (including hopper) + shuttle trolley + tunnel dryer



半自动集成系统  
Semi-automatic integrated system



全自动集成系统  
Fully automatic integration system

## 旋转式集成系统与普通集成的比较

项目	旋转式集成	普通集成
结构特点	中心旋转式结构，进出料无需漏斗	气囊或液压倾斜，进出料需要辅助漏斗配合
可靠性	竖直直接装载，可靠性高；	前端漏斗过渡喷淋转载，故障率高，装载时间长
经济性	吊袋装载，30秒快速完成，速度和节拍更快 300G高速脱水，含水率低，节省后整理能耗和时间	穿梭车装载，时间2-5分钟，节拍不可控（经常无效等待） 300G脱水，含水率与普通洗脱机一样。

## THE COMPARISONS BETWEEN ROTATORY INTEGRATED SYSTEM AND ORDINARY INTEGRATED SYSTEM

PROJECT	ROTARY INTEGRATION
STRUCTURAL FEATURES	Center rotatory structure, no need hopper for loading and unloading
RELIABILITY	Vertical loading, high reliability
ECONOMY	Lifting bag loading, quick finish within 30 seconds, with faster speed and beat 400G high speed drying, Low moisture, saving after-finishing energy consumption and time.
PROJECT	GENERAL INTEGRATION
STRUCTURAL FEATURES	Air bag or hydraulic incline, need hopper for loading and unloading
RELIABILITY	Front funnel overloaded, with high failure rate and long loading time
ECONOMY	Shuttle loading, time needed 2-5 minutes, beat uncontrollable (frequent invalid waiting) 300G drying, moisture content same as ordinary washer extractor





### 高效节能 High efficiency and energy saving

- 1、速度快---最高可达50-60米/分钟。
  - 2、能耗低---床单每小时蒸汽耗量约300公斤。
  - 3、效率高---展布机+高速立体烫平机+高速折叠机配套使用，每小时床单最高可达1000条左右，被套可达700条左右。
- 1, The speed is fast --- up to 50-60 m/min
  - 2, Low energy consumption --- steam consumption of bed sheets is about 300kg/h.
  - 3, High efficiency --- spreader + high-speed stereo ironing machine + high-speed folding machine combination, production capacity up to 1000 sheets per hour, quilt cover up to 700 per hour.

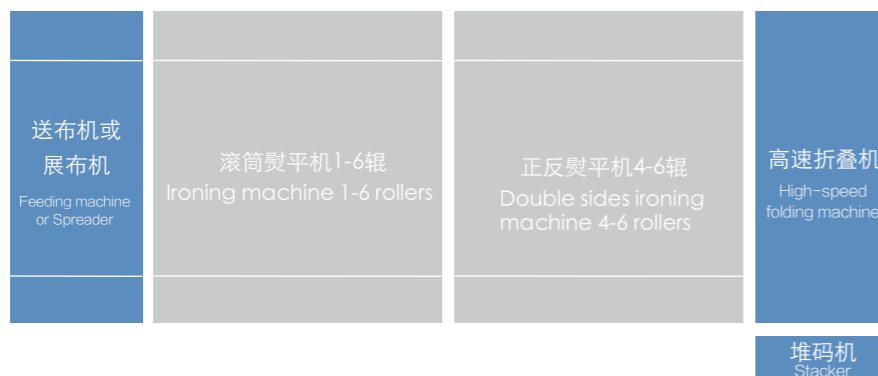
## HIGH SPEED IRONING LINE 高速烫平生产线

### 组合烫平线 Combined ironing machines

设计思路：任意组合设计，整体工业设计，展布机+高速立体烫平机+高速折叠机组合，直径705mm；  
 适用特点：节省人工、高效、平整度好，高温高速熨烫；  
 性能要点：确保高速稳定性（30-50m/min），联动控制。

Design ideas: any combination design, overall industrial design, spreader + high-speed ironing stereo machine + high-speed folding machine combination, diameter 705mm;

Applicable features: Saving labor, high efficiency, good flatness, high temperature and high-speed ironing;  
 Performance points: Ensure High speed stability (30-50m/min), linkage control.



# INNOVATIVE DEVELOPED ROLLING GROOVE COMBINED IRONING LINE

## 创新开发的滚槽组合烫平线 (30-50m/min)

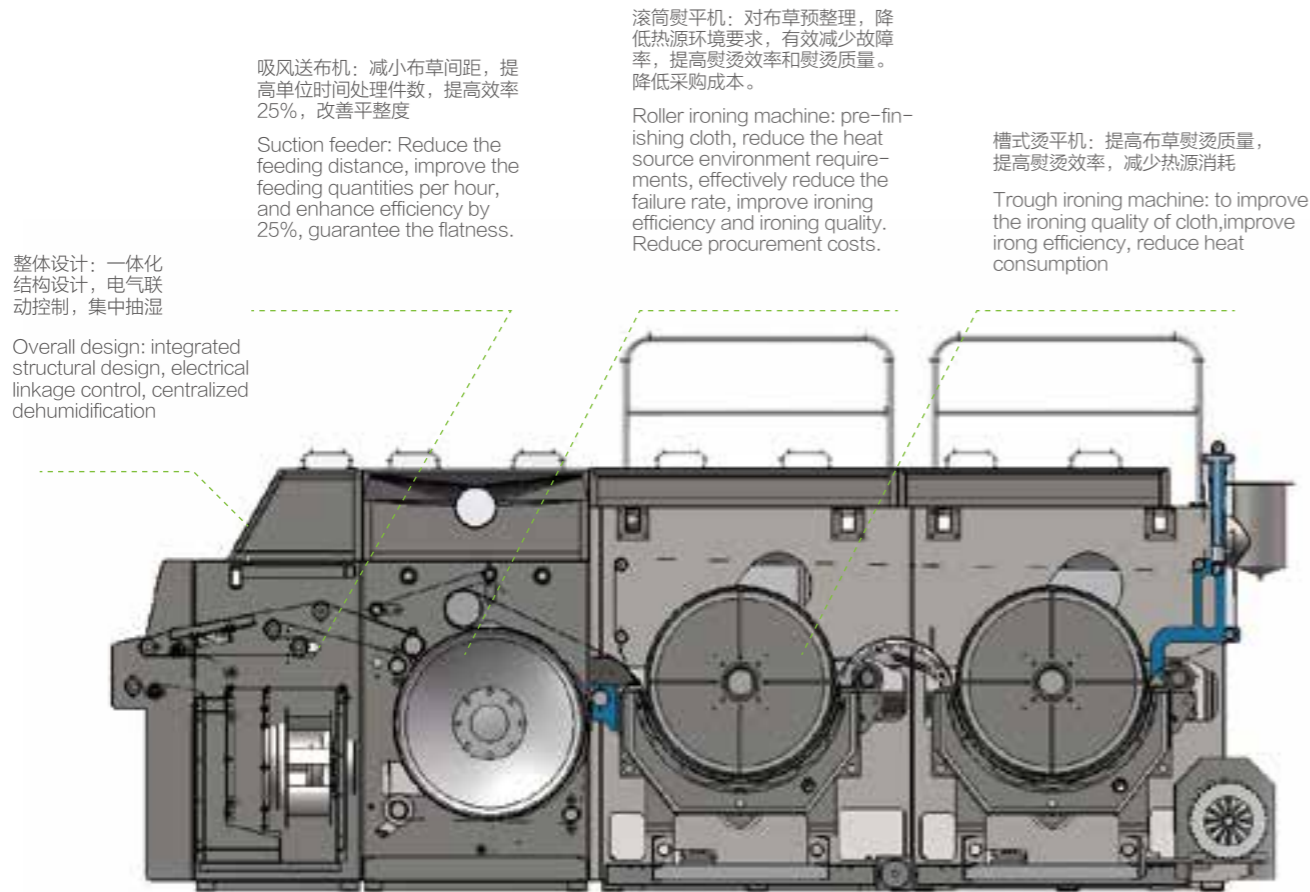
### 更加适合中国市场环境 (蒸汽压力低)

◎前端配置吸风型送布机，提高送布效率；前级配置滚筒，对布草进行预处理，集中抽风；后级配置连杆一体式是多辊高速槽烫，提高熨烫效率和熨烫质量；

◎前端联动控制，速度和参数调整更方便；多种加热方式：蒸汽，燃气，导热油。

◎ Equipped with suction-type feeding machine to improve conveying efficiency. First cloth grass pre-treated by roller ironing, and concentrated ventilation, then adopt connection-rod integrated multi-roll high-speed groove ironing to enhance ironing efficiency and ironing quality

◎ Front-end linkage control, more convenient to adjust speed and parameter; Various heating methods: steam, gas, heat conduction oil optional



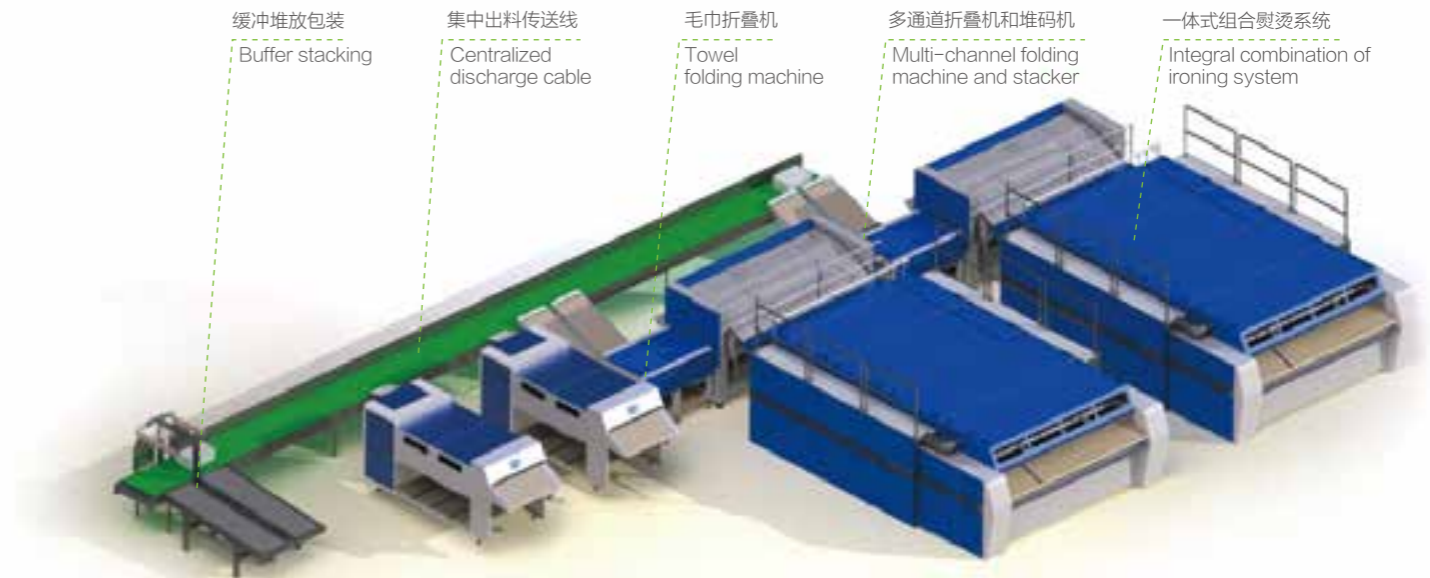
### 一体式组合高速烫平线配置表

一体式组合烫平线选项配置表					
项目名称	选择项				说明
吸风振布机	1E		3E		数值代表工位数
滚筒式熨平机	1R	2R			数值代表滚筒数 (单配可1-6辊)
槽式熨平机	1C	2C	3C	4C	数值代表槽数 (1-4辊)
自动折叠机	1F	2F		4F	数值代表通道数
堆码机	1S	2S			数值代表堆码工位数
联动控制	速度联动，程序选择，脏污拒折				
加热方式	蒸汽，燃气，导热油				
其它	工作宽度3300mm，设备长度根据选择的组合确定，工作速度根据组合情况和蒸汽条件确定。				

### INTEGRATED COMBINATION HIGH SPEED IRONING LINE

ONE-PIECE COMBINATION OF IRONING OPTIONS					
Project name	Options				Instructions
Suction machine	1e		3E		The number represents the number of stations
Roller ironing machine	1r	2R			Numbers represent the number of rollers (1 to 6)
Slot screed	1c	2C	3C	4C	The number represents the number of slots (1-4 rolls)
Automatic folding machine	1f	2F		4F	the number represents the number of channels
Stacker	1s	2S			The value represents the stacking bit
Linkage control	Speed linkage, program selection, dirty rejection				
Heating method	Steam, gas, heat transfer oil				
Other	The working width is 3300mm, the length of the equipment is determined according to the selected combination. The working speed is determined according to the combination condition and the steam condition.				

### 自动化烫平生产线 AUTOMATIC IRONING LINE



# WORK CLOTHES PROCESSING SYSTEM 工服处理系统

工服处理方案（处理能力500-1200件/小时）

Work clothes handling scheme (processing capacity of 500-1200 pieces/hr)

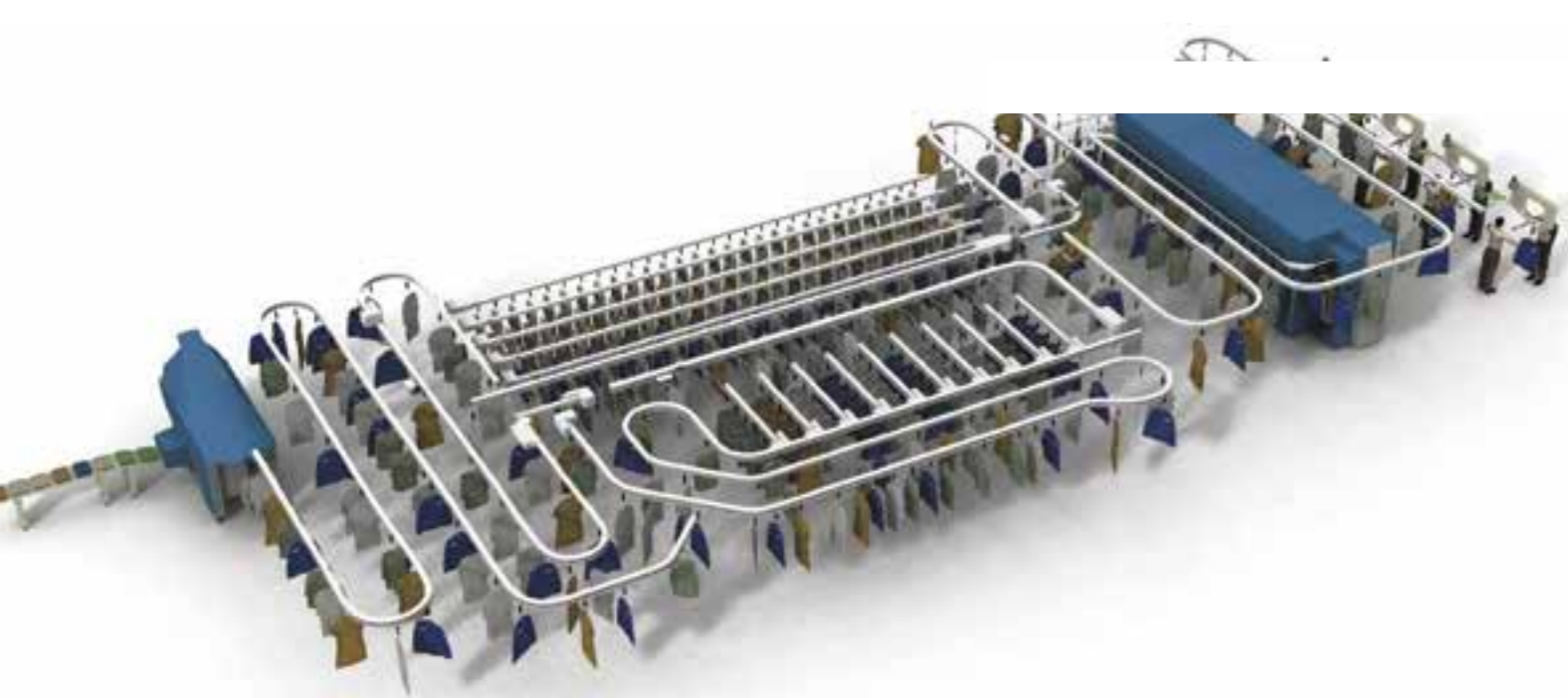
- ◎集成及小龙（离心机）洗涤方式；      ◎Integration centrifuge washing method
- ◎隧道式烘干机（干衣龙，开发中）；      ◎Tunnel dryer (dry cleaning dragon, in development)
- ◎分拣传输系统（开发中）；      ◎Sorting transmission system (in development)
- ◎工服折叠机（开发中）。      ◎Work clothes folding machine (in development)

隧道式工服烘干房，节省能源和购置成本，性价比高

Tunnel-type work clothes drying room, Saving energy and purchasing cost, cost-effective

烘干1件工服平均节省约2公斤蒸汽消耗，20吨洗涤量工厂每天节省6吨蒸汽；节省采购成本约20万

On average, 2 kg of steam can be saved by drying 1 piece of work clothes. For laundry factory with 20 tons of washing capacity, 6 tons of steam will be saved every day, saving cost up to US\$30,000



# SORTING LOGISTICS SYSTEM 分拣物流系统

洗衣房物流过程自动化水平决定了生产管理效率的高低

The automaticity of laundry logistics process determines the efficiency of production management

- ◎精益洗衣厂流程规划设计      ◎Lean laundry plant process planning and design
- ◎配合RFID系统，实现洗衣房全过程监控；      ◎With RFID system to realize the entire process monitoring of laundry room;
- ◎根据需要临时进行生产排程和插单控制；      ◎Temporary production scheduling and interpolation control as required
- ◎生产物料缓冲，强制生产节拍，提升运营效率；      ◎Production material buffering, forced production beat, improving operation efficiency
- ◎进行数据统计和分析；      ◎To carry out data statistics and analysis;
- ◎减少占地面积；减轻劳动强度；缩短生产周期。      ◎Reduce occupied area; decreasing labor intensity; Shorten production cycle.

典型的布草处理过程自动化系统（3000kg/h）

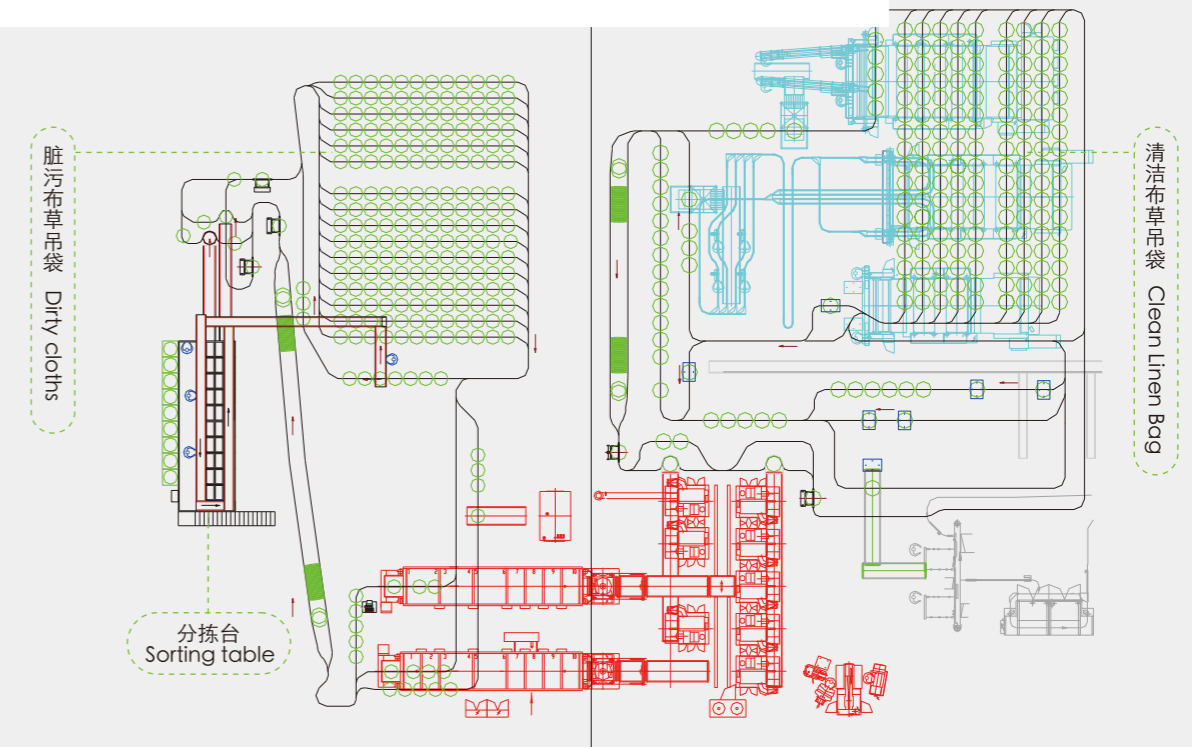
TYPICAL FABRIC PROCESSING AUTOMATION SYSTEM

带20个自动分捡舱的脏污布草分拣台（存放13吨）

With 20 automatic sorting cabin of the dirty cloth

新洗出布草导轨配有2传送带载衣站（存放10吨）

New wash cloth guide rail with conveyor belt (10 tons)



# SORTING AND HANGING BAG SYSTEM DESIGN (HYBRID SYSTEM)

## 分拣及吊袋系统设计特点 (混合系统)

### 根据客户要求和条件进行生产流程和物流方案定制

Based on customer requirements and conditions, production process and logistics plan can be customized.

分拣台: 多工位和多模组, 可地面或空间布置, 具有称重和清点功能, 非租赁布草可配置预分拣台

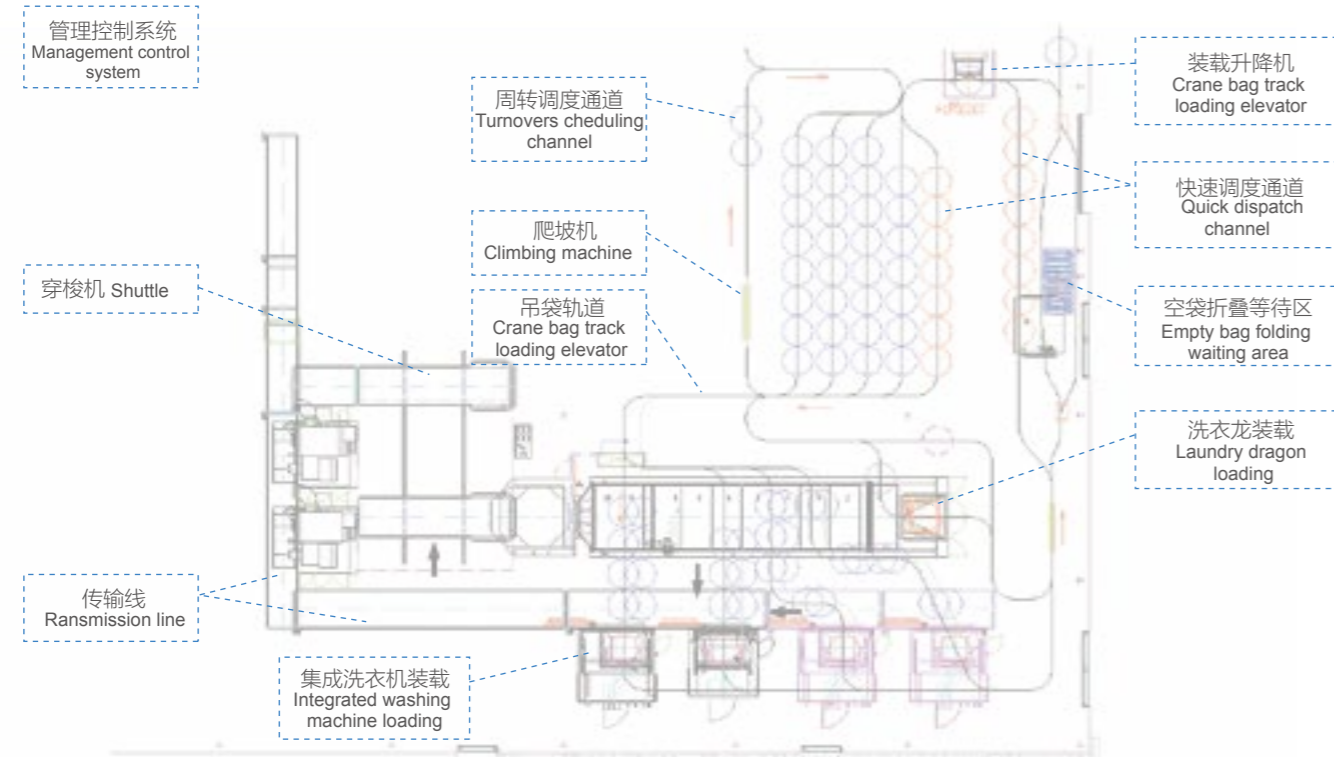
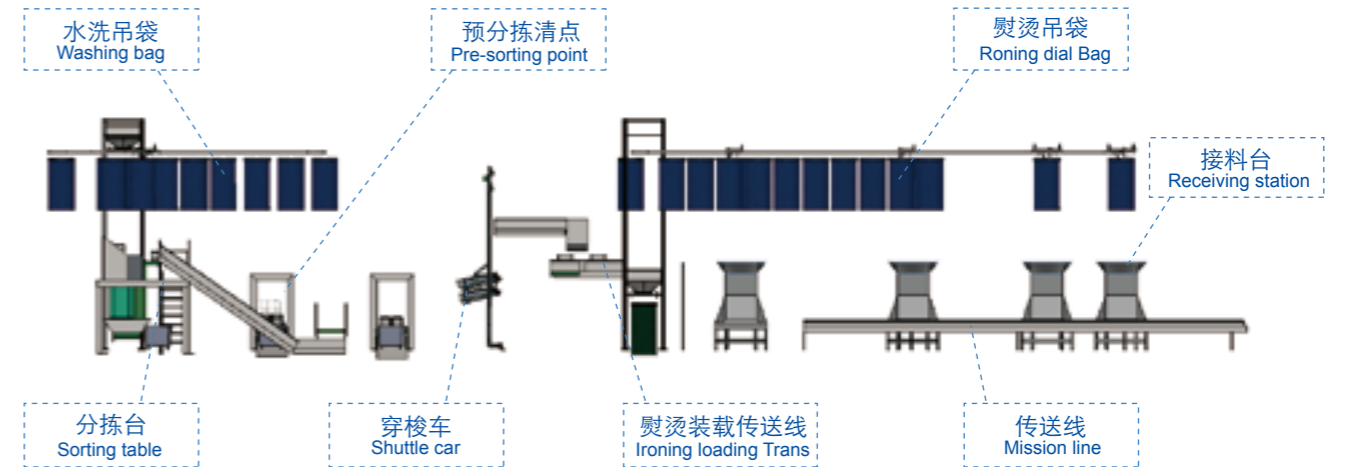
吊袋系统: 水洗吊袋, 熨烫吊袋, 可配置拉动式生产调度管理系统

传送系统: 平面穿梭车, 升降穿梭机, 皮带传送线, 装料斗, 接料台等, 可空间布置

Sorting table: multi-station and multi-mode group, can be arranged on the ground or in space. With weighing and counting, and it can be configured with pre-sorting table for non-leasehold fabric.

Hanging bag system: water - washing hanging bag, ironing bag, can be equipped with dynamic production scheduling management system

Transmission system: plane shuttle, lift shuttle, belt transmission line, loading hopper, feeding platform, etc., special arrangement available.



### 分拣及吊袋系统设计特点 (单套系统)

Sorting and hanging bag system design(single system)

- 对非租赁布草可选配预分拣检查和点数传输线, 避免混杂和出错;
- 接料台分为地上和地下布置结构, 客户可根据需要选择形式及工位数;
- 控制系统具有管理功能, 可进行精确和机动的生产排程及调度管理。
- Pre-sorting inspection and points transmission line are optional for non-leasehold fabric, avoiding confusion and error.
- The receiving platform has ground and underground structure, customer may select types and the number of work stations according to actual needs.
- The control system has management functions, which can be used for precise and flexible production scheduling and scheduling management.
- Based on customer requirements and conditions, production process and logistics plan can be customized.

### 根据客户要求和条件进行生产流程和物流方案定制

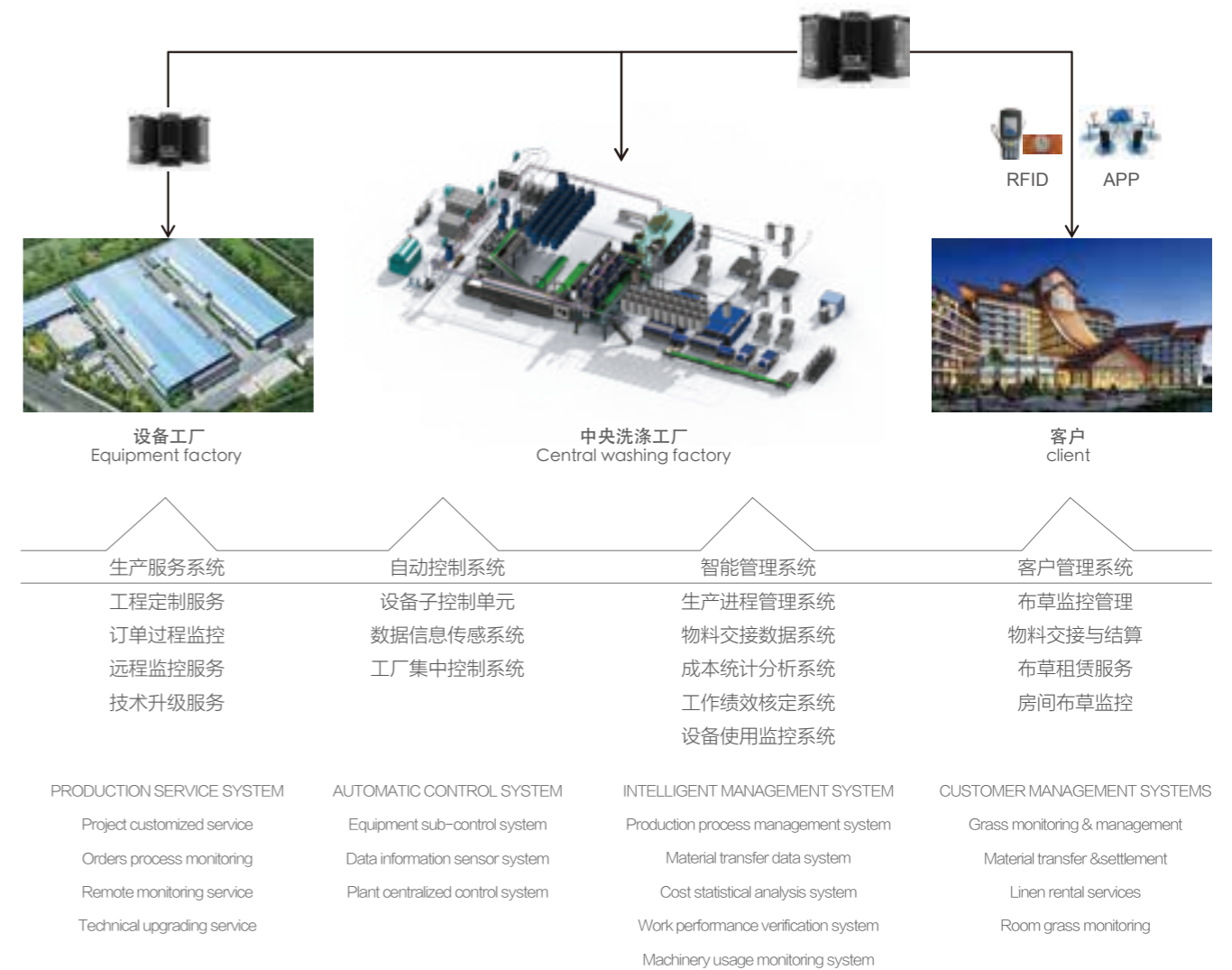
Based on customer requirements and conditions, production process and logistics plan can be customized.

- 分拣台 (多工位和多模组, 可地面或空间布置, 具有称重和清点功能, 非租赁布草可配置预分拣台)
- 吊袋系统 (水洗吊袋, 熨烫吊袋, 可配置拉动式生产调度管理系统)
- 传送系统 (平面穿梭车, 升降穿梭机, 皮带传送线, 装料斗, 接料台等)
- sorting station (multi-station and multi-module, can be ground or space layout, with weighing and inventory function, non-rental cloth can be configured pre-sorting table)
- hanging bag system (washed bag, ironing bag, can be configured to pull the production scheduling management system)
- transmission system (flat shuttle, lift shuttle, belt conveyor line, hopper, picking Taiwan, etc.)

# INTELLIGENT CONTROL AND MANAGEMENT SYSTEM 智能控制和管理系统

用互联网和物联网方法创建智慧型洗衣工厂全面提升洗涤业的服务水平

To create smart laundry factories by using Internet & IOT Comprehensively improve service level of washing industry



## 运营管理平台

新技术应用 云计算 移动互联网 传感 自动化控制 大数据分析

### 运营管理平台模块一览



## 智能控制与管理系统的主要内容

### 中央控制系统（基于WIN7平台）：

对生产过程进行监控，具有最高优先级别的机动生产调度功能；  
通过物流系统的条码或芯片对所有厂内物料进行过程的模拟跟踪管理。

### 子控制系统：

各子系统的自动控制功能（物流系统同时受中央控制系统优先管理）；  
吊袋系统具有客户信息对码和机动调度功能，可进行普通，优先，加急等机动处理（非租赁业务）；  
熨烫系统具有对前级过程的生产拉动功能，确保均衡生产；

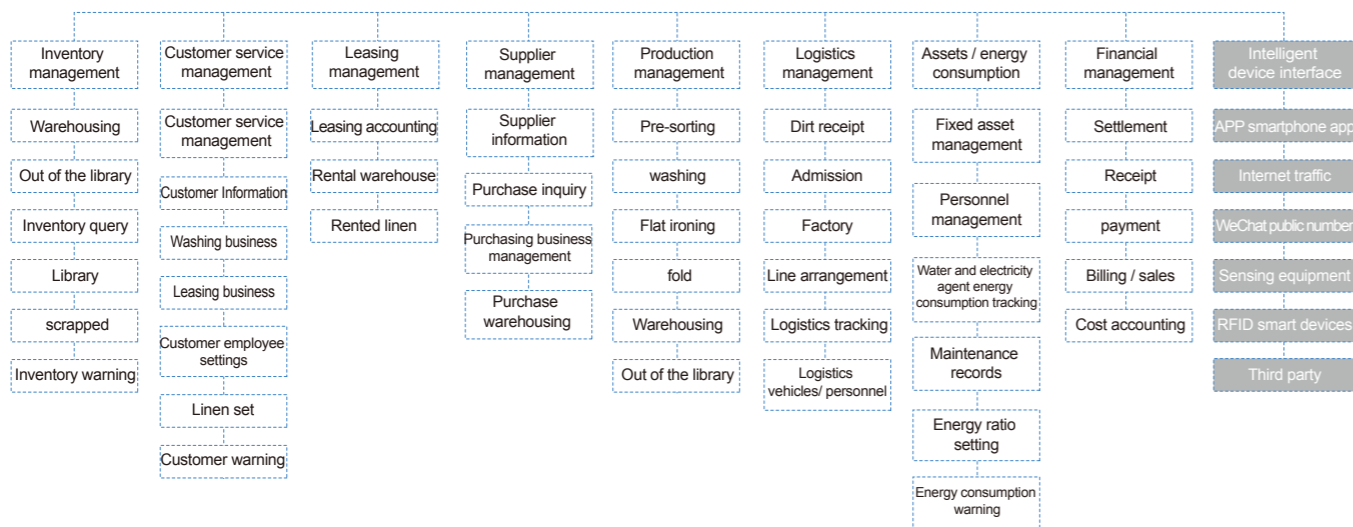
### 数据管理系统：

过程数据管理，统计分析各类生产数据及偏差报表（ERP，生产线或班组或人员的生产效率和消耗成本）；  
网络数据连接，移动办公及过程监控（RFID，APP）。  
客户信息管理，厂外物料交接及物流动态跟踪；  
布草管理（租赁业务）；  
生产物资的供应系统管理；  
设备系统的使用维护管理；  
其他系统定制功能。

## OPERATION MANAGEMENT PLATFORM

New Technology Applications Cloud computing Mobile Internet Sensing Automatic control Large data analysis

### Operation Management Platform Module At A



## INTELLIGENT CONTROL AND MANAGEMENT SYSTEM

### CENTRAL CONTROL SYSTEM (BASED ON WIN7 PLATFORM)

To monitor the production process, with highest priority level of flexible scheduling  
The entire material-processing can be simulated and tracked by barcode or chip of logistics system

### SUB-CONTROL SYSTEM:

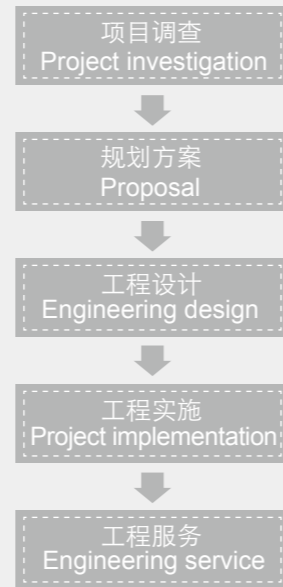
Automatic control function of each subsystem (logistics system preferred by central control system)  
Hanging bag system with function of customer information code-checking & flexible scheduling, can carry on general, priority or emergency processing (non-leasing business).  
Ironing system can promote pre-production process to ensure balanced production.

### DATA MANAGEMENT SYSTEM:

Process data management, statistical analysis of various production data and deviation reports (ERP, production efficiency and cost of production line or crew or personnel);  
Network data connection, mobile office and process monitoring (RFID, APP)  
Customer information management, external material transfer and logistics tracking  
Grass management (leasing business);  
Supply system management of production materials  
Maintenance and management of equipment system  
Other system customized function

# ENGINEERING DESIGN 工程设计

洗衣房工程服务的体系和流程  
Laundry engineering service system & process



根据洗涤量，布草类别和购置预算确定设备选型配置

水洗方案	烘干方案	熨烫方案	干洗方案	分拣方案	物流方案	介质方案	控制方案
洗涤龙 集成系统 单机	贯通式 烘干龙（工服） 单机	自动烫平线 烫平折叠组合 单机（熨烫）	干洗机 后整理	人工 分拣台 隔离	人工 穿梭车、送料车 吊袋（清、污） 输送线	蒸汽 无蒸汽 水及热量回用 软水及水处理	子系统控制 中央集中控制 智能管理系统

加热方案的选择和比较（直燃系统可节省30%以上的热源成本）

加热类别	蒸汽 加热	导热油 直接加热	燃气 直接加热	电 直接加热	导热油 蒸汽发生器	燃气 蒸汽发生器	电加热 蒸汽发生器
洗脱机	优	中	差	差	优	优	差
烘干机	中	优	优	中	差	差	差
熨平机	中	优	优	差	差	差	差
干洗机	优	优	无	中	中	中	中
后整理	优	无	无	无	优	优	中

## 体系建设:

- 确定企业未来的市场定位和策略
- 建立起基础的产品线和解决方案
- 建立一支强有力的技术和工程队伍
- 建立一套快速反应的服务体系
- 建立“与客户共同成长”的理念和机制

## 实施流程:

- 专业的营销队伍和人才（工程与产品不同）
- 客户需求更直接和更准确的了解和沟通（调查和沟通）
- 定制方案的实现流程和手段（客户价值最大化）
- 项目实施的资源保障（供应链建设，综合实力，技术实力）
- 专业快速和本地化工程服务能力（安装和服务）

## System construction:

- Determine the future market positioning and strategy of the enterprise
- Build a basic product line and solution
- Build a strong technical and engineering team
- Establish a quick response service system
- Set up ideas and mechanisms of “grow with our clients”

## Implementation processes:

- Professional marketing team and talents
- More direct and accurate understanding and communication with customers (marketing research and communication)
- Implementation process and means of customization (customer value maximization)
- Resource guarantee for project implementation (supply chain construction, comprehensive strength, technical capability)
- Professional fast and localized engineering services (installation and services)

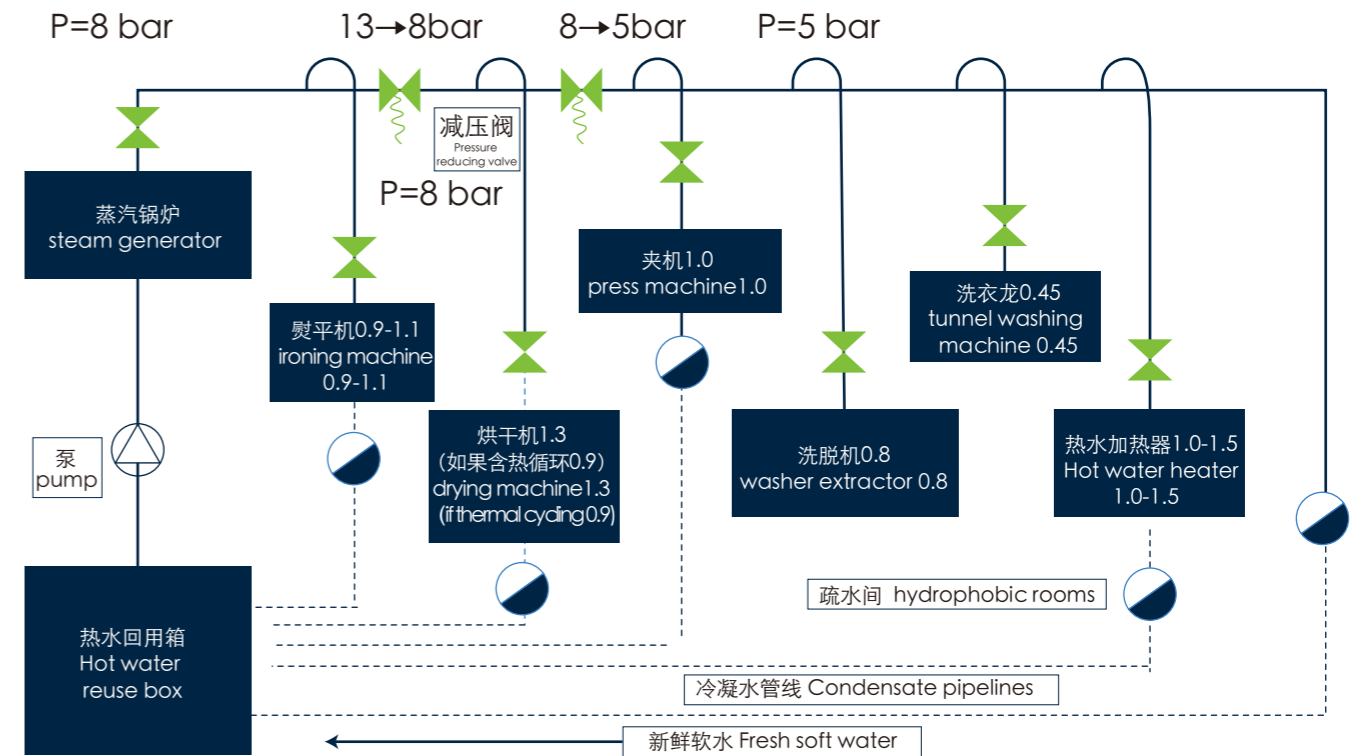
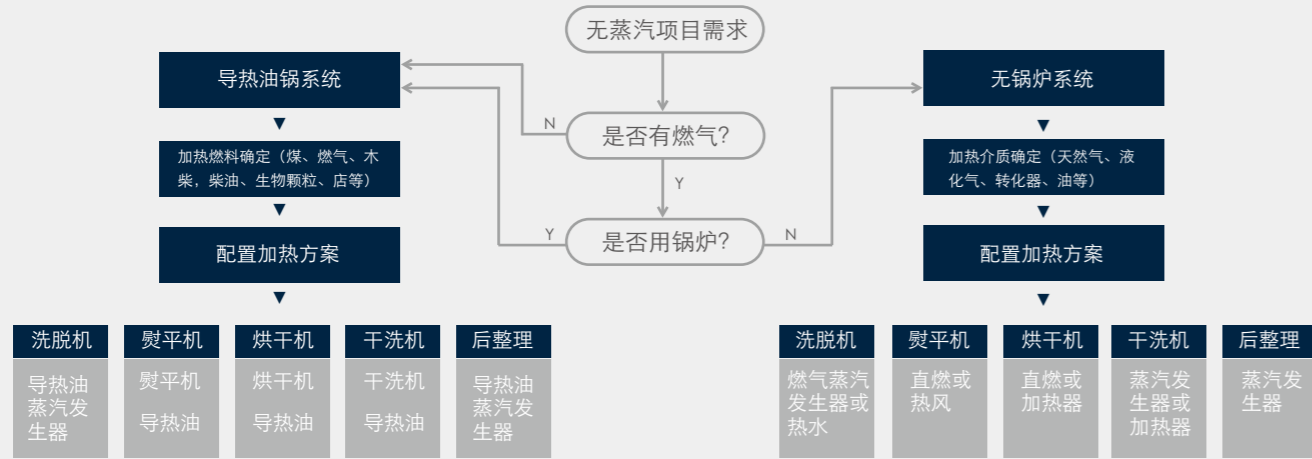
Washing task, fabric types and budget determine equipment configuration

Water washing program	Drying program	Ironing program Automatic ironing line	Dry cleaning program	Sorting scheme	Logistics solutions labor	Media program steam	Control plan
Tunnel washing	Through type	Ironing combination	Dry cleaning machine	labor	Shuttle car, eed truck	No steam	Subsystem control
Integrated Systems	Tunnel drying (uniform)	Stand-alone(ironing)	Finishing	Sorting table Isolation	Hanging bag (clean, dirty)	Water and heat reuse Soft water and water treatment	Centralized control Intelligent management system
Stand-alone	Stand-alone				Transmission lines		

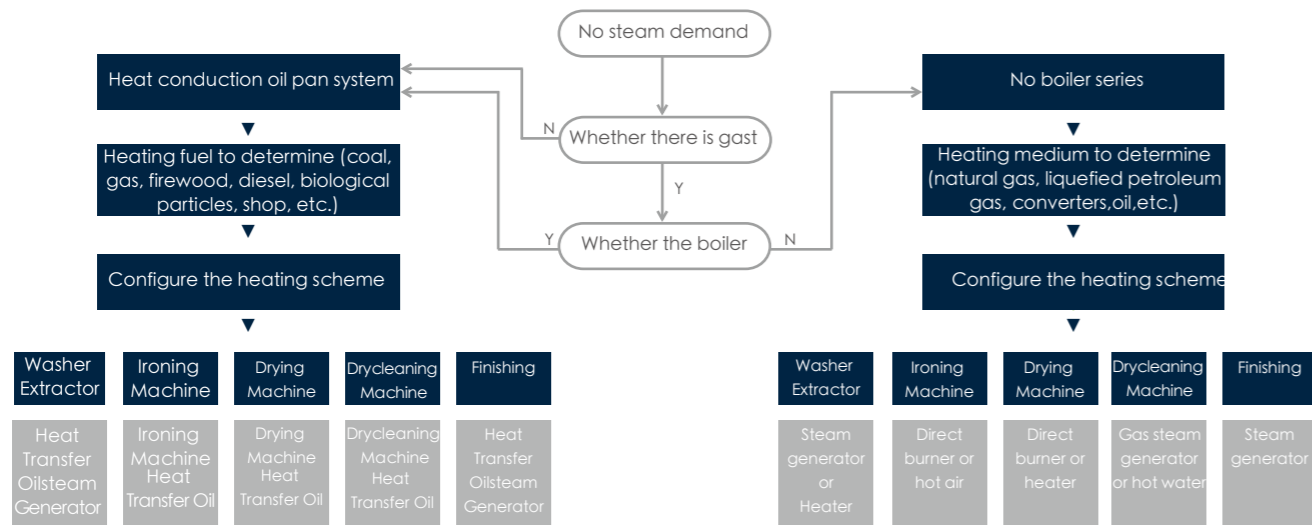
Heating source selection and comparison  
(direct combustion system can save more than 30% cost)

Heating category	steam heating	Heat transfer oil Direct heating	Gas Direct heating	Electricity Direct heating	Heat transfer oil Steam Generator	Gas Steam Generator	Electric heating Steam Generator
Washer extractor	best	good	low	low	good	best	low
Drying machine	good	best	best	good	low	low	low
Ironing machine	good	best	best	low	low	low	low
Drycleaning machine	best	best	no	good	good	good	good
Finishing	best	no	no	no	best	best	good

### 无蒸汽系统选择流程



### Non-steam system selection process



### 洗衣房主要介质资源需求数据核算与配置

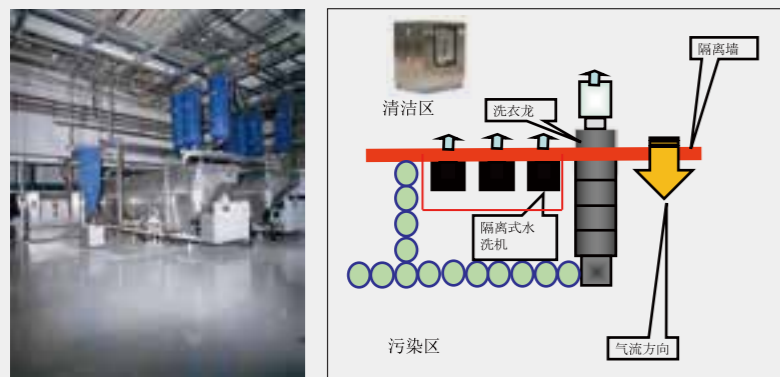
水需求 (L/kg)		电力需求 (Kw/kg)		压缩空气需求 (Nm³/kg)		蒸汽需求 (kg/kg)	
洗涤龙	6-10	安装	0.20-0.60	压力	0.20-0.60	洗涤龙	0.5
单机	20-25	消耗	0.15-0.30	消耗	0.30-0.50	水洗机	0.8-1.2
软水处理						烘干机	1.3
						槽烫	0.9
						滚筒烫	1.1
						夹机	1.0
						分段压力	13/8/5(bar)

### Laundry main media resource demand data accounting and configuration

Water demand (L / kg)		electricity demand ( Kw/kg )		Compressed air demand ( Nm³/kg )		Steam demand ( kg/kg )	
Tunnel washing machine	6-10	nstallation	0.20-0.60	pressure	0.20-0.60	unnel washing machine	0.5
Stand-alone	20-25	Consumption	0.15-0.30	Consumption	0.30-0.50	washing machine	0.8-1.2
Soft water treatment						drying machine	1.3
						Slot ironing	0.9
						oller ironing machine	1.1
						Folder machine	1.0
						Segmental pressure	13/8/5(bar)

# FLOWCHART DESIGN 流程设计

布局设计, 隔离感控, 处理布草作为媒介的交叉感染  
Layout design, isolation control, avoiding linen cross-contamination



## 针对不同卫生洗涤要求的方案设计

空气	方案名称	洗涤方案							对传播媒介的控制程度				
		洗衣房设计重点			设备配置				效率	布草	人	空气	
		房	区	物	水洗	烘干	熨烫	折叠	后整理	人员			
高	隔离房洗涤方案	√			洗衣龙和隔离机	贯通烘干机	一体式熨平机	高速折叠机	干衣龙	能耗	√	√	√
中	隔离区洗涤方案		√		隔离洗脱机	超净烘干机	普通熨平机	普通折叠机	熨烫机	速度	√	√	√
低	隔离物洗涤方案			√	普通洗衣机	普通烘干机	普通熨平机	普通折叠机	熨烫机	环保	√		

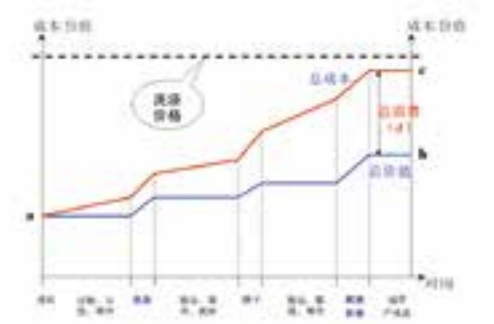
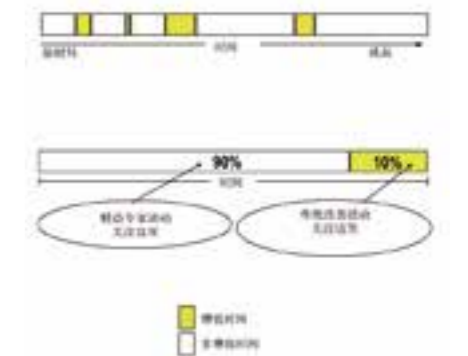
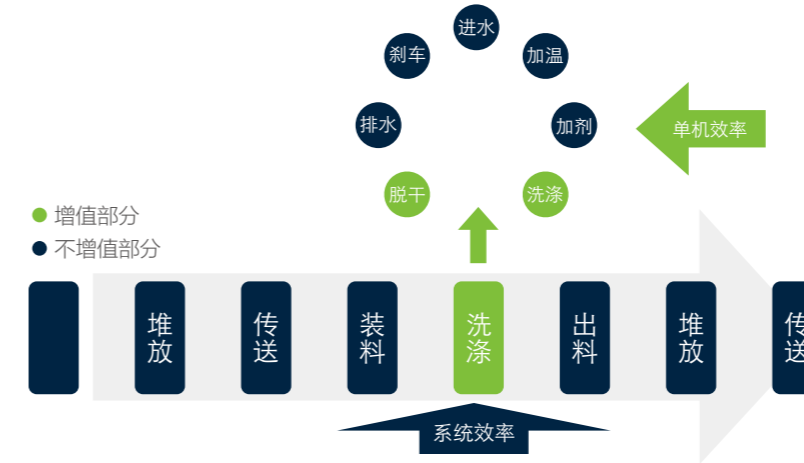
## Solution design for different sanitary washing requirements

Air	Program name	Washing program							Degree of control Of the media			
		Laundry design focus			Device configuration				Effectiveness	Of the media		
		Room	Area	Thing	Dry	Ironing	Folding	Finisher	Personnel	Linen	People	Air
High	Barrier room washing program	√			Tunnel dryer	One-piece ironing machine	High speed folding machine	Tunnel dryer	Energy consumption	√	√	√
Medium	Barrier area washing program		√		Ultra clean dryer	Ordinary ironing machine	Ordinary folding machine	Ironing machine	Speed	√	√	√
Low	Isolate washing solution			√	Ordinary dryer	Ordinary ironing machi	Ordinary folding machine	Ironing machine	Environmental protection	√		

## 用精益流程分析改善洗衣厂效率——精益思维

PPOH指标 (单位时间人均布草处理能力):  
国内为: 15-30kg/小时.人  
国外为: 50-80kg/小时.人

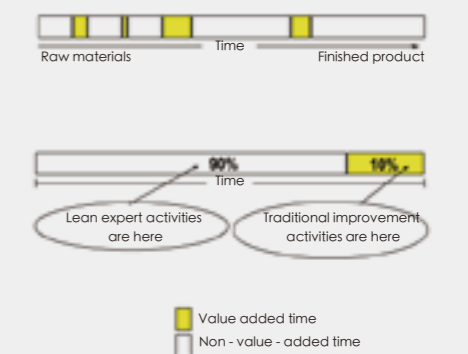
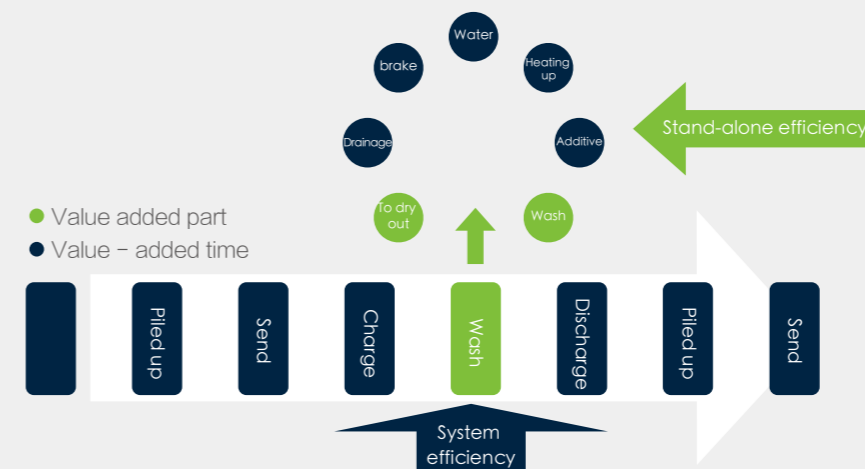
系统效率: 一车100kg的布草从洗涤到后整理完成可以不到60分钟, 但它实际在工厂的停留时间至少10小时, 增值比只有10%。  
单机效率: 洗脱机创造价值的时间不足30分钟, 但单机洗涤需要60分钟以上, 增值比不到50%。



## To improve laundry efficiency by lean process analysis -----lean thinking

PPOH index(per capital grass handling capability per unit time ):  
Domestic:15~30kg/hr, per person  
Overseas: 50~80kg/hr, per person

System efficiency: 100kg cloth grass can be completed from washing to after-finish within 60 minutes. But it actually will be kept at the laundry for at least 10 hours, value-added ratio only 10%.  
Single machine efficiency: Washing extractor only costs less than 30 minutes to create value, but single washing machine needs more than 60 minutes, value-added ration less than 50%.



## 用精益流程分析改善洗衣厂效率——洗衣厂各环节的浪费

测算说明：1，按一卡车布草2吨，收、发周期24小时测算；2，假设客户的布草处理能力为10台单机（1吨/小时）及相应的熨烫处理能力。

### 洗涤生产环节效率描述

	非增值时间	改善点	增值时间	改善点	
收（来回运输）	2.00	管理改善			
交接和清点（客户处）	1.00	RFID或APP			
分拣和清点	1.00	自动分拣台			
等待	0.50	管理改善，吊袋系统			
洗涤			2.00	洗衣龙机组	
等待	0.50	管理改善，吊袋系统			
烘干或熨烫			2.00	自动熨烫线	
等待	0.25	管理改善，集中输送			
整理和清点	1.00	RFID			
等待	0.25	管理改善，集中输送			
包装			0.25	自动包装	
等待	0.25	管理改善，集中输送			
存储	10.00	特定服务形式			
发（来回运输）	2.00	管理改善			
交接和清点（客户处）	1.00	RFID或APP			
合计	19.75		4.25		24.00
合计（不含存储和收发）	9.75		14.00		30%

## Use lean process analysis to improve laundry efficiency - waste of each washing link

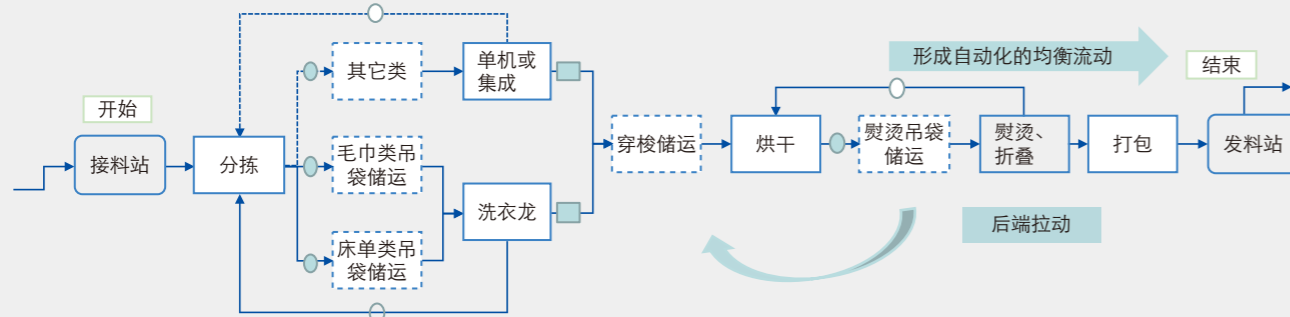
Calculation description: 1.a truckload of 2 tons of grass, handling cycle 24 hours; 2. Assume that the client's fabric processing capacity is 10 units (1 ton per hour) and corresponding ironing capacity.

### Washing Production Link Efficiency Description

	Non-value added time	aspects for improvement	Value added time	aspects for improvement
Received (round trip)	2.00	management		
Handover and inventory (customer office)	1.00	RFID or APP		
Sorting and counting	1.00	Automatic sorting table		
Wait	0.50	management, hanging bag system		
Washing			2.00	Tunnel washing machine set
Wait	0.50	management, hanging bag system		
Drying or ironing			2.00	Automatic ironing line
Wait	0.25	management,delivery		
Order and inventory	1.00	RFID		
Wait	0.25	management,delivery		
Packing			0.25	Automatic packaging
Wait	0.25	management,delivery		
Storage	10.00	Specific service form		
Hair (back and forth)	2.00	management		
Handover and inventory (customer office)	1.00	RFID or APP		
Total	19.75		4.25	24.00
Total (excluding storage and delivery)	9.75		14.00	30%

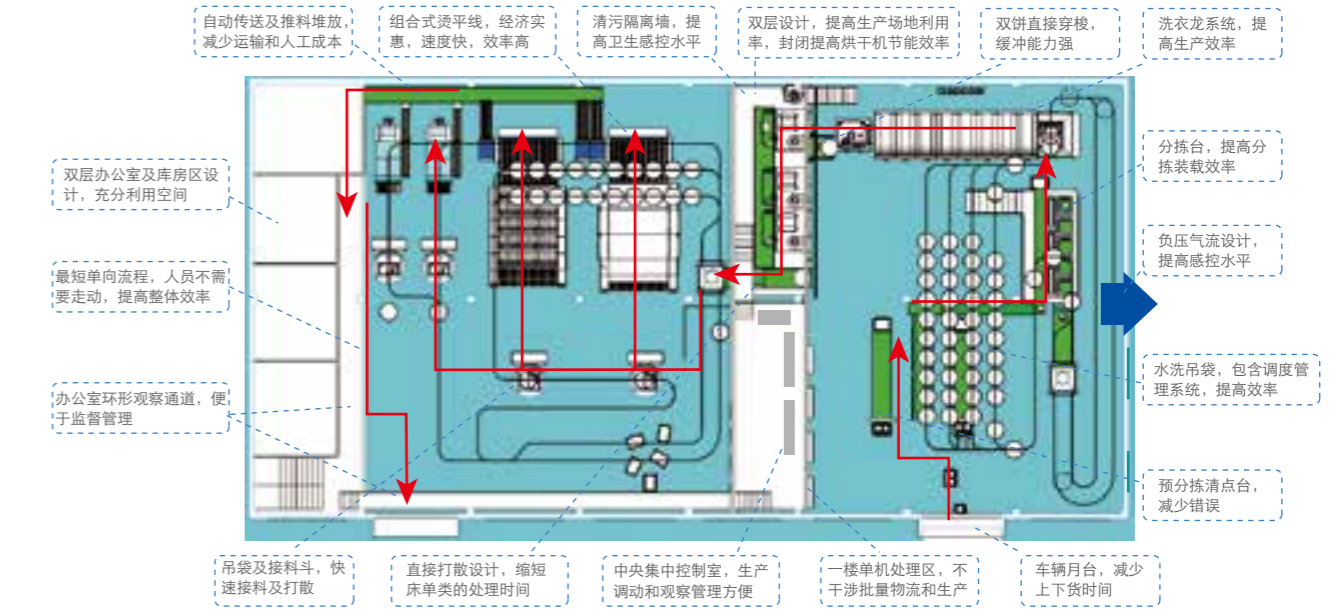
### 按照“精益”思想设计洗衣房流程--均衡和强制节拍

- 1个分拣台:  
工位: 5个  
人员: 4人,  
节拍: 3分/车
- 2条洗涤生产线:  
设备: 4台单机, 1套洗衣龙  
人员: 3人,  
节拍: 10分/车, 3分/节
- 1条烘干生产线:  
设备: 3台  
人员: 1人,  
节拍: 3分/车
- 2条高速烫平线:  
设备: 2套  
人员: 6人,  
节拍: 3分/车



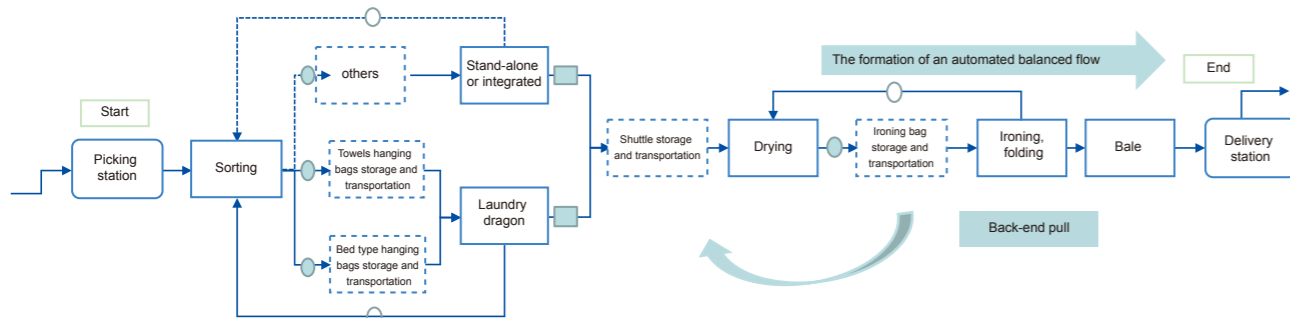
- 水洗吊袋系统:  
吊袋数量: 60袋 (每袋75kg)  
满袋储存量: 40袋 (共3000kg)  
岔道数: 4个  
满袋周转时间: 60分
- 升降穿梭系统:  
穿梭升降车数: 3个  
装载时间: 3分钟/车  
装载速度: 2000kg/h
- 熨烫吊袋系统:  
吊袋数量: 30袋 (每袋75kg)  
满袋储存量: 20袋 (1500kg)  
岔道数: 3个  
满袋周转时间: 60分

### 布局规划及精益流程设计案例分析 (单套系统)



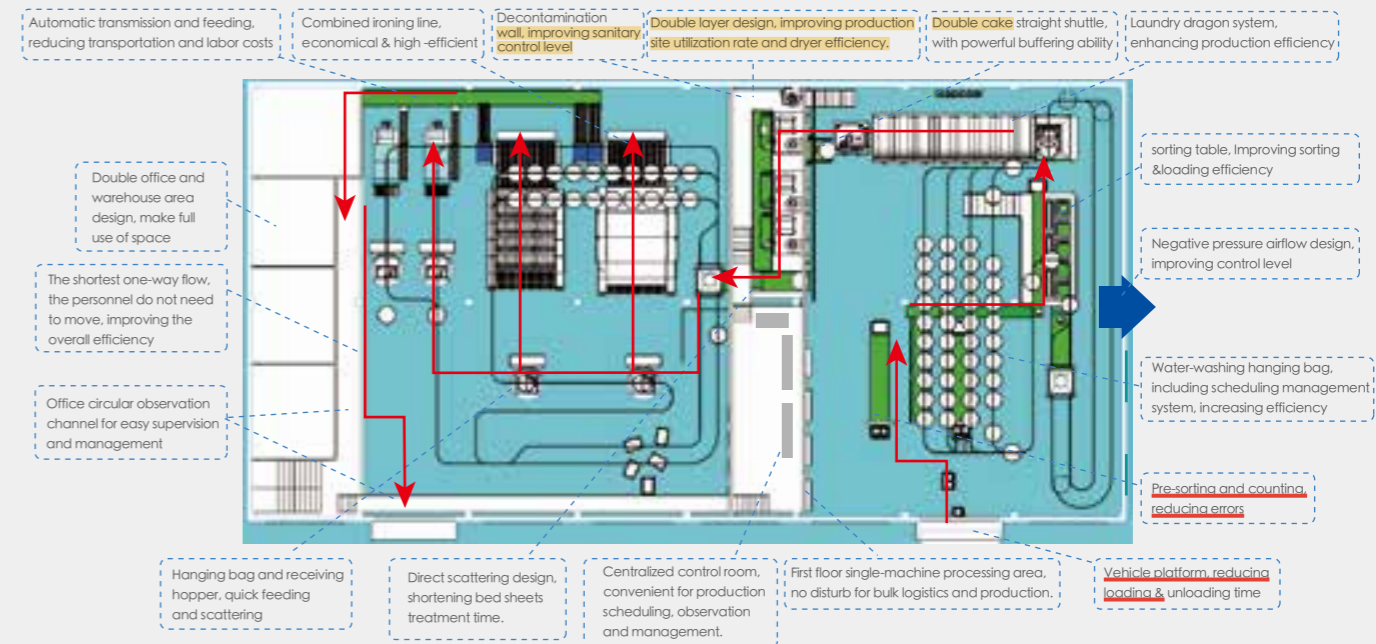
### To design laundry by “lean thinking” --- balanced and forced beats

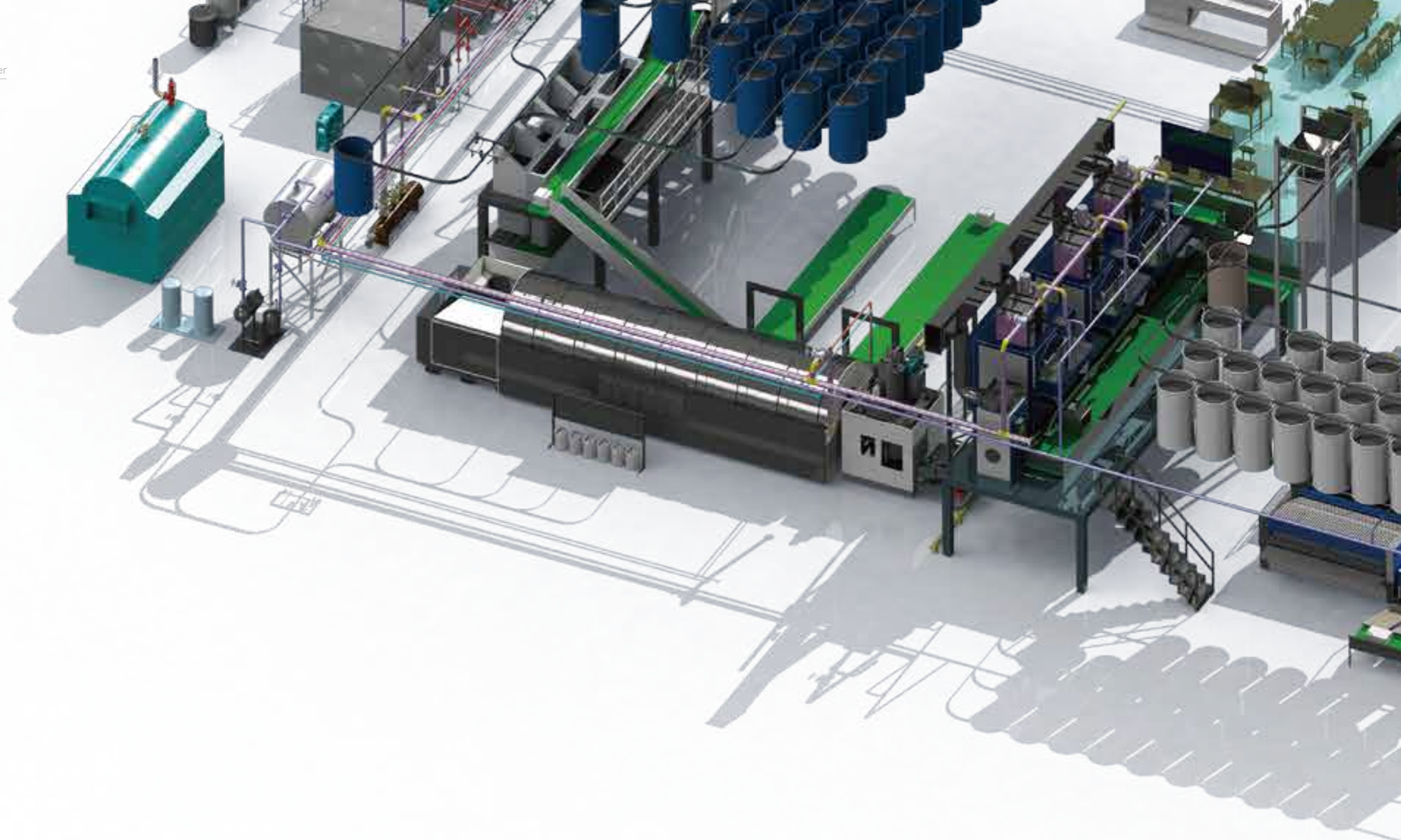
- 1 sorting table:  
work station:5  
workers:4  
beat:3 min/ cart
- 2 washing line:  
equipment: 4 stand-alone,  
1 washing dragon  
workers:3  
beat:10mins/cart
- 1 drying line:  
Equipment:3sets  
workers:1  
beat:3 min/ cart
- 2 high speed ironing line:  
equipment:2 sets  
workers:6  
beat:3 min/ cart



- Water- washing hanging bag system:  
bag qty.: 60 pcs(75kg/bag)  
Full bag storage: 40 bags (total 3,000kg)  
Branch NO.: 4  
cycling time:60min
- Elevator shuttle system:  
shuttle qty.:3 sets  
Loading time:3min/cart  
Loading speed:2000kg/h
- Ironing hanging bag system:  
bag qty.: 30pcs(75kg/bag)  
Full bag storage: 40 bags (total 3,000kg)  
Branch NO.: 4  
cycling time:60min

### Layout planning and lean process design case analysis (single system)





## PRODUCTS LINE 产品系列



洗涤龙系列  
Tunnel Washing  
series



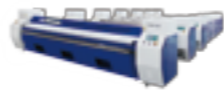
洗脱机系列  
Washer extractor  
series



烘干机系列  
Dryer  
series



展布机系列  
Distribution machine  
series



送布机系列  
Feeding machine  
series



烫平机系列  
Ironing machine  
series



折叠机系列  
Folding machine  
series



自助洗涤系列  
Self-service washing  
system



干洗机系列  
Dry cleaning machine  
series



后整理系列  
Finishing  
series

## TUNNEL WASHING MACHINE 隧道式洗衣机（洗涤龙）

隧道式洗涤龙，洗涤工艺是自动化、集成化、以及水能源循环利用、污水减少与清洁生产的完美结合；极大降低了水消耗和蒸汽消耗；可节水70%、节电60%以上、节省人力80%，代表着更加“节能、环保、高效”的发展方向。

Tunnel washer, with perfect combination of automation, integration, and water energy recycling, sewage reduction and clean production; it greatly reduces all consumptions, for instance, save water 70%, save electricity power over 60%, save manpower 80%. It represents a more "energy-saving, environmentally friendly, efficient" development direction.



项目 Model	单位	FW75-5	FW75-6	FW75-7	FW75-8	FW75-9	FW75-10
模块数量 Compartment quantity	module	5	6	7	8	9	10
最大洗涤量 Washing capacity	kg/h	1071	1286	1500	1714	1929	2143
转笼直径 Basket diameter	mm	2010	2010	2010	2010	2010	2010
转笼深度 Basket depth	mm	820	820	820	820	820	820
转笼体积 Basket volume	dm <sup>3</sup>	2670	2670	2670	2670	2670	2670
洗涤容量 Washing capacity	kg	60-75	60-75	60-75	60-75	60-75	60-75
洗涤转速 Washing speed	rmp	11-18	11-18	11-18	11-18	11-18	11-18
总功率 Total power	kw	22.5	26.15	30.9	35.65	39.5	43.15
耗电量 Power consumption	kw/h	13.14	15.34	18.13	20.91	23.11	25.31
蒸汽 Steam	压力 Pressure	Bar	6	6	6	6	6
	耗量 Consumption	kg/per kg	0.4	0.4	0.4	0.4	0.4
	接口 Connection pipe		DN65	DN65	DN65	DN65	DN65
水Water	耗量 Consumption	l/per kg	4	4	4	4	4
	接口 Connection pipe		DN50	DN50	DN50	DN50	DN50
压缩空气 Compressed air	压力 Pressure	bar	6	6	6	6	6
	耗量 Consumption	Nm <sup>3</sup> /h	0.04	0.05	0.06	0.07	0.08
	接口 Connection pipe		1"	1"	1"	1"	1"
长度 Length	mm	7580	8580	9580	10580	11580	12580
宽度 Width	mm	3000	3000	3000	3000	3000	3000
高度 Height	mm	3345	3345	3345	3345	3345	3345
重量 New weight	kg	6050	7050	8050	9050	10050	11050

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.

## SQUEEZER 压榨脱水机

压榨脱水机里和床单、水接触的部件全部用不锈钢制成，面板不锈钢。具有稳定和强大的压力，进口加厚的橡胶囊，超强的上、下地板和立柱，永不变形。全套进口Parker液压控制系统及油缸组件。可设置往复预压程序，减少布草伤。

The parts in the press extractor that contact with the sheets and water are all made of stainless steel and the outer plate is stainless steel too. With stable and strong pressure, the imported thickened rubber, and super strong upper and lower floors & columns, the press extractor will never be deformed.

A full set of imported Parker hydraulic control systems and cylinder components, offer a reciprocating preloading procedure, in order to reduce the damage of the cloth.



项目 Item	单位	指标	备注
脱水容量 Capacity	kg	75	
最高压力 Max pressure	bar	36bar	压力可无极设置
布草直径 Linen diameter	mm	970	
压头类型 Indenter type		充气橡胶压头	侧壁厚45mm,底壁厚30mm
压干方式 Extracting way		提篮式多级围压	
提篮高度 Basket height	mm	490	
传送方式 Transmisson mode		横竖2个方向	液压马达驱动推板
控制方式 Control method		触摸屏+可编程控制器	可设置100个程序
功率 Power	kw	15	压榨水回收水泵
水泵功率 Pump power	kw	0.75	
外形尺寸 Dimension	mm	2000×2000×3200	(长×宽×高)
重量 Weight	kg	13500	

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.

## CENTRIFUGAL MACHINE 高速离心机

超前不锈钢框架结构，支撑高速动态载荷；前后自动旋转方式，轻松自动装卸布草；气囊减震，减震率高达95%以上。

Advanced stainless steel frame structure to support high-speed dynamic extracting work; Automatic front and rear rotation, easy automatically loading and down loading of linen; Airbag suspension, shock absorption reduction up to 95% or more.



项目 Item	单位	参数
每次载荷 Capacity	kg	75kg
内胆直径 Basket diameter	mm	1250
内胆深度 Basket depth	mm	750
最大转速 Max speed	rpm	1200
脱水G值 G force	G	500-900
功率 Power	kw	36.4
重量 Weight	kg	4900

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## AUTOMATIC DOUBLE SIDES TILTING WASHING 集成倾斜式洗脱机

- ◎ 高效率创新产品，自主装料和出料，减轻操作强度。
  - ◎ 独特的上悬浮设计理念，气囊减震，减震率可达98%，超低震动，提高了设备高速运转中的稳定性。
  - ◎ 采用进口变频器、大功率的电机，变频调速，能耗低，电机启动运行平稳。
- ◎ High-efficiency innovative machine, automatically loading and discharging, reducing operating intensity.
  - ◎ The unique upper suspension design concept, airbag suspension, shock absorption up to 98%, ultra-low vibration, improve the stability of the equipment in high-speed operation.
  - ◎ It adopts imported frequency converter, high-power motor, provides frequency conversion speed regulation, low energy consumption, stable start-up motor operation.



型号规格 Model	单位	SXT-130FQX	SXT-160FQX
额定容量 Capacity	Kg	130	160
电源 Power supply	V/P/hz	380/3/50	380/3/50
内筒直径 Basket dia.	mm	1300 × 1036	1470 × 1050
前倾/后仰角度 Forward/backward angle	°	18/20	18/20
洗涤转速 Washing speed	rpm	32	32
中速脱水转速 Medium extract speed	rpm	320	315
高速脱水转速 High extract speed	rpm	650	630
电机功率 Motor power		15	22
液缸升顶电机功率 Hydraulic motor power	Kw	3	3
蒸汽管直径 Steam pipe dia.	mm	40	40
冷热水管直径 Cold /hot water pipe dia.	mm	50	50
排水管直径 Drain pipe dia.	mm	125 (双排2根)	125 (双排2根)
蒸汽压力 Steam pressure	Mpa	0.4—0.6	0.4—0.6
压缩空气压力 Compressed air pressure	Mpa	0.4—0.6	0.4—0.6
外型尺寸 (宽 × 深 × 高) Dimension	mm	2200 × 2140 × 2300	2340 × 2190 × 2370
整机重量 Weight	Kg	4500	5600

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## AUTOMATIC HEAVY WASHER EXTRACTOR 倾斜式重磅洗脱机

- ◎ 采用先进的有限元优化设计框架结构，坚固、稳定
  - ◎ 业内首家使用全彩触摸屏，操作更简便
  - ◎ 350G高脱水力洗脱机，大大降低烘干能耗、时间
  - ◎ 专利的门密封结构，开关门轻松方便并使布草不受夹扯
- ◎ Adopt advanced frame structure, strong and stable.
  - ◎ The first enterprise in the industry to use full-color touch screen, easier operation.
  - ◎ 350G high extracting force, greatly reducing drying energy consumption and time
  - ◎ Patented door seal structure, easy to open and close, avoiding cloth tearing.

型号 Model	单位	SXT-130FQ	SXT-160FQ
洗涤容量 Capacity	kg	130	160
洗涤转速 Washing speed	r/min	32	32
高速脱水转速 High extract speed	r/min	650	630
脱水力 G force	G	350	350
水压力 Water pressure	Mpa	0.25-0.6	0.25-0.6
水耗量 Water consumption	L/T	1575	1575
压缩空气压力 Compressed air pressure	Mpa	0.4-0.7	0.4-0.7
压缩空气耗量 Compressed air consumption	L/T	10	10
蒸汽压力 Steam pressure	Mpa	0.4-0.6	0.4-0.6
蒸汽耗量 Steam consumption	kg/h	83	83
电机功率 Motor power	kw	15	22
整机重量 Weight	kg	4400	5500
尺寸 Dimension	mm	2037 × 2106 × 2306	2340 × 2190 × 2350

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## SXT-F TITLING WASHING MACHINE 倾斜式洗脱机



- ◎ 无出料死角，几倍地提高了出料效率
- ◎ 人性化的触摸屏电脑控制器，提供手动、自动和半自动三种控制方式。

- ◎ Without discharging dead corner, improving discharging efficiency.
- ◎ Humanized touch screen / button computer controller, improving manual, automatic and semi-automatic control modes.

型号 Model	单位	SXT-100F	SXT-120F	SXT-150F
洗涤容量 Capacity	kg	100	120	150
转笼尺寸 Basket size	mm	∅1230 × 800	∅1300 × 900	∅1480 × 900
洗涤转速 Washing speed	rpm	38	38	38
脱水转速 Extracting speed	rpm	650	580	580
电机功率 Motor power	kw	7.5	11	18.5
变频器功率 Inverter power	kw	11	15	22
蒸汽耗比 Steam ratio	kg/kg	0.7	0.7	0.7
进水管径 Water pipe	Inch	2	2	2
蒸汽管径 Steam pipe	Inch	1	1	1
皂液管径 Soap pipe	Inch	3/4	3/4	3/4
进蒸汽压力 Steam pressure	Mpa	0.4-0.6	0.4-0.6	0.4-0.6
进水压力 Water pressure	Mpa	0.2-0.3	0.2-0.3	0.2-0.3
倾斜角度 Forward angle	度	15-30	15-30	15-30
外型尺寸 Dimension	mm	1800 × 2950 × 2300	2000 × 2100 × 2300	2320 × 2500 × 2300
整机重量 Weight	Kg	3500	4300	4800

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## XGQ-F SOFT MOUNTED WASHER EXTRACTOR 全自动洗脱机

- ◎ 采用了国际最新缸体全悬浮结构避振
- ◎ 全封闭型后排水框架结构，无污染环境现象。
- ◎ 内胆、外壳均采用优质不锈钢制作，抗腐蚀性强，经久耐用。

- ◎ Full suspension structure, which effectively isolate the vibration during washing.
- ◎ This machine is a fully enclosed rear drainage frame structure with no pollution
- ◎ Basket and external plates are made of high grade stainless steel materials for durability and anti-corrosion.

型号 Model	单位	XGQ-30F	XGQ-50F	XGQ-70F	XGQ-100F	XGQ-120F
洗涤容量 Capacity	Kg	30	50	70	100	120
转笼尺寸 Basket size	mm	∅905 × 500	∅1065 × 628	∅1200 × 600	∅1230 × 800	∅1300 × 900
洗衣转速 Washing speed	rpm	40	38	38	38	38
脱水转速 Extracting speed	rpm	750	720	700	650	630
电机功率 Motor power	Kw	4	5.5	7.5	7.5	11
变频器功率 Inverter power	Kw	5.5	7.5	11	11	15
蒸汽耗比 Steam ratio	Kg/Kg	0.7	0.7	0.7	0.7	0.7
进水管径 Water pipe	Inch	1.5	1.5	2	2	2
蒸汽管径 Steam pipe	Inch	1	1	1	1	1
皂液管径 Soap pipe	Inch	3/4	3/4	3/4	3/4	3/4
进蒸汽压力 Steam pressure	Mpa	0.40-0.60	0.40-0.60	0.40-0.60	0.40-0.60	0.40-0.60
进水压力 Water pressure	Mpa	0.2-0.3	0.2-0.3	0.2-0.3	0.2-0.3	0.2-0.3
外型尺寸 Dimension	mm	1400 × 1380 × 1760	1600 × 1600 × 2100	1750 × 1540 × 2132	1800 × 1950 × 2300	1800 × 1950 × 2300
整机重量 Weight	Kg	1450	2200	2800	3200	4300

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## XGQ-F SOFT MOUNTED WASHER EXTRACTOR 全自动洗脱机

- 采用了国际最新缸体全悬浮结构避振
- 全封闭型后排水框架结构，无污染环境现象。
- 内胆、外壳均采用优质不锈钢制作，抗腐蚀性强，经久耐用。
- Full suspension structure, which effectively isolate the vibration during washing.
- This machine is a fully enclosed rear drainage frame structure with no pollution
- Basket and external plates are made of high grade stainless steel materials for durability and anti-corrosion.

型号 Model	XGQ10WG	XGQ12WG	XGQ15WG	XGQ20WG	XGQ25WG
洗衣容量 Capacity	22 lbs   10 kg	26.5 lbs   12 kg	33 lbs   15 kg	44 lbs   20 kg	55-60 lbs
滚筒体积 Volume	105 L	120 L	150 L	185 L	270 L
高脱速度 High-extracting speed	630 r/min	630 r/min	630 r/min	630 r/min	550 r/min
洗涤速度 Washing speed	50 r/min	50 r/min	50 r/min	50 r/min	50 r/min
脱水因子(G) G force	150	150	150	150	130
电机规格 Motor	2 HP   1.5 Kw	2 HP   1.5 Kw	2 HP   1.5Kw	3 HP   2.2 Kw	3.5 HP   3.0 Kw
加热功率KW Heating power	24	24	24	36	36
机身高度(mm) Height	1300	1300	1300	1330	1540
机身宽度(mm) Width	800	800	800	800	1000
机身深度 (mm) Depth	764	804	890	980	1000
门径尺寸 (mm) Door dia.	335	335	335	335	335
滚筒直径 (mm) Basket dia.	670	670	670	670	770
滚筒深度 (mm) Basket depth	300	340	426	520	580
净重 (kg) Net weight	260	270	290	320	385
毛重 (kg) Gross weight	290	300	330	365	430
进水尺寸 Water pipe size	3/4"	3/4"	3/4"	3/4"	3/4"
流量(min) Flowing volume	34 L	34 L	34 L	34 L	34 L
压力(Mpa) Pressure	2-4.5 Mpa	2-4.5 Mpa	2-4.5 Mpa	2-4.5 Mpa	2-4.5 Mpa
用水量(概略值, 按洗涤程序) Cold water consumption	60 L	90 L	133 L	180 L	220 L
热水量(概略值, 按洗涤程序) Hot water consumption	10 L	15 L	17 L	25 L	30 L
排水直径(外径) Drain pipe diameter	3"	3"	3"	3"	3"
地面至排水中心距离 (mm) Distance to floor	105	105	105	105	105

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## GLX BARRIER WASHING MACHINE 卫生隔离式洗衣机

把洗衣房分成了洁净区和非洁净区两个独立的操作区间。洗涤物从非洁净区一侧的机门装入，洗涤完毕后从洁净区一侧的机门取出。防止洗涤物由于从非洁净区装载和出料引起的交叉污染，是无尘工业和医院洗衣房的理想解决方案。

The basket is divided into two separate operating areas, clean and non-clean. The laundry is loaded from the door on the side of the non-clean area, and after washing, it is taken out from the door on the side of the clean area. Prevents cross-contamination of laundry due to loading and discharge from non-clean areas, making it an ideal solution for dust-free industrial and hospital laundry.

型号 Model	单位	GLX-50	GLX-70	GLX-100	GLX-150
额定容量 Capacity	kg	50	70	100	150
洗衣缸容积 Volume	L	506	705	1000	1500
电机功率 Motor power	KW	5.5	7.5	11	22
洗涤转速 Washing speed	r/min	40	40	30	30
均布时转速 Balancing speed	r/min	60	60	60	60
中速脱水转速 Mid-extract speed	r/min	340	340	340	340
高速脱水转速 High-extract speed	r/min	680	650	650	650
蒸汽管 Steam pipe	r/min	20(G3/4")	20(G3/4")	20(G3/4")	20(G3/4")
冷、热水管 Cold/ hot water pipe	mm	40(G1 1/2")	40(G1 1/2")	40(G1 1/2")	40(G1 1/2")
压缩空气管 Compressed air pipe	mm	8	8	8	8
压缩气压 Compressed air pressure	MPa	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6
耗水量 Water consumption	kg	1200	1250	1800	2200
耗气量 Steam consumption	kg	30	45	50	75
耗电量 Power consumption	KWh	2.1	2.8	3.2	5
压缩空气流量 Compressed air flow	m <sup>2</sup> /min	0.36	0.36	0.36	0.36
用户线四芯铜芯 Four core copper core	mm	6	6	10	12
外形尺寸 (长×宽×高) Dimension	mm	1700×1450×1800	2000×1450×1900	2230×1450×2000	2550×1650×2200
整机重量 Weight	kg	1800	2400	2800	3700

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## FD SERIES TUNNEL DRYER 贯通式烘干机

- ◎ 25:1载荷比，一次烘干两个压榨饼（2\*75kg）；
- ◎ 采用双立式布局不锈钢加热器，节省能源且使用更可靠；
- ◎ 具有前后倾斜功能，快速实现出料，出料时自动风向调控系统；
- ◎ 25:1 loading capacity, 2 fabric cake / times (2 \* 75kg);
- ◎ Adopt double vertical stainless steel heater, energy-saving and more reliable
- ◎ With forward/ backward tilting system, quickly down loading, automatic wind-direction control.

项目 Item	单位	FD150S	FD150G
最大烘干容量 Capacity	kg	150	150
转笼直径 Drum dia.	mm	1500	1500
转笼深度 Drum depth	mm	1570	1570
转笼驱动电机 Motor	kw	4	4
进料口(宽×高) Feeding size	mm	1100×735	1100×735
出料倾斜角度 Tilting angle	°	15	15
进料门槛高度 Feed threshold height	mm	1800	1800
转笼容积 Drum volume	m <sup>3</sup>	2.525	2.525
风机功率 Fan motor	kw	15	15
外形尺寸 Dimension	mm	2930X2460X4240	2930X2460X4240
燃气加热 Gas heating	输入热量 Heating	Kcal/h	284760
	风量 Air volume	m <sup>3</sup> /min	189
	接口尺寸 Pipe dia.		1 1/4"
蒸汽加热 Steam heating	整机重量 Weight	kg	1932
	输入蒸汽(35Bhp) Steam	kg/h	510
	风量 Air Volume	m <sup>3</sup> /min	249.2
	蒸汽压力 Steam pressure	bar	8
	接口尺寸 Pipe dia.		2"
	整机重量 Weight	kg	2154

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## HIGH SPEED TUMBLE DRYER 快速烘干机

- ◎ 电脑自动控制，精确设置运行时间和温度，可提供多套自动程序选择，确保布草按照所设定温度恒温烘干，并带有报警功能，使机器运行更可靠、安全。
- ◎ 提高进风面积，降低蒸汽能耗15%以上，烘干时间短，效率高。
- ◎ 采用独特的皮带传动系统结构，噪音低，震动小，运行稳定，工作寿命长。
- ◎ Computer automatically control, precise setting running time and temperature, providing multiple automatic program to ensure the cloth can be dried at set constant temperature, with alarm function, more reliable and safe.
- ◎ Increase air inlet area, reduce steam consumption by more than 15%, short drying time, high efficiency.
- ◎ Adopt unique belt transmission system structure, low noise, small vibration, stable operation, long working life.

项目 Model	单位	HG-50Z	HG-100Z	HG-120Z	HG-150Z
容量 Capacity	kg	50	100	100	100
直径 Drum size	mm	1200	1480	1480	1480
深度 Drum depth	mm	870	1190	1200	1300
主电机功率 Motor power	kw	1.1	2.2	2.2	2.2
风机功率 Fan power	kw	1.1	2.2	1.5X2	1.5X2
蒸汽压力 Steam pressure	MPa	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6
外形尺寸 Dimension	mm	1300X1490X2200	1690X1880X2590	1690X1900X2590	1690X1950X2590
整机重量 Weight	kg	640	1000	1200	1400

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## HG SERIES INDUSTRIAL DRYING MACHINE HG 系列工业烘干机

- ◎ HG系列电脑控制烘干机，具有温度和运转时间全自动控制，织物烘干快速高效，内胆由不锈钢制成经久耐用。
  - ◎ 传动系统采用二级三角皮带传动，结构简单，维护方便。
  - ◎ 风机采用大间距叶轮叶片，毛绒不易堵塞。
- ◎ HG series computer controlled dryer, automatically set temperature and operation time. Drying quickly and efficiently, stainless steel inner drum, reliable and durable.
  - ◎ Adopting secondary triangle belt deceleration drive, low noise, small vibration, long working life, convenient maintenance.
  - ◎ The fan adopts the large spacing impeller blade, not easy to block push.

型号 Model	单位	HG-20/20D	HG-30/30D	HG-50/50D	HG-70/70D	HG-100/100D
额定容量 Capacity	Kg	20	30	50	70	100
转筒尺寸 Drum size	mm	Ø890×700	Ø980×840	Ø1070×1000	Ø1200×1000	Ø1500×1100
烘干时间 Drying time	min	40-60	40-60	40-60	40-60	40-60
主电机功率 Motor power	Kw	0.75	1.1	1.1	1.5	2.2
风机功率 Fan power	Kw	0.55	0.75	1.1	1.5	1.5×2
加热功率 Heating power	Kw	18	24	40	58	70
蒸汽压力 Steam pressure	Mpa	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6
蒸汽耗量 Steam consumption	Kg/h	40-45	60-70	90-100	130-140	180-200
燃气耗量 Gas consumption	m <sup>3</sup> /h	2.5	3	5	7	10
外形尺寸 Dimension	mm	1000×1195×1775	1060×1250×1870	1250×1600×2000	1380×1700×2200	1650×1980×2430
整机重量 Weight	Kg	340	385	550	596	1000

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## FEEDING MACHINE GSB-3300送布机

- ◎ 带孔式传送带，提高了布草在传送带上的吸附力，使布草更加平整地吸附在传送带上；
  - ◎ 送布调速可调节，与熨平速度完美匹配；
  - ◎ 高效的吸风功能，可使布草尾段完全抖开，使用不同的布草需求。
- ◎ The perforated conveyor belt increases the adsorption capacity, and makes the cloth more smoothly adsorbed on the conveyor belt
  - ◎ The speed adjustment can be adjusted to match the ironing speed perfectly;
  - ◎ The effective suction can completely shake off the ends of the cloth, meets for all different linens.

型号 Model	3300
风机功率 Fan power	0.55KW X 4
传动功率 Transmission power	0.75KW X 1
送布功率 Feeding power	0.4KW X 1
外型尺寸（长） Dimension	4500mm
外型尺寸（宽） Dimension	1300mm
外型尺寸（高） Dimension	1500mm

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## AUTOMATIC SPREADER ZB-3300展布机

- 根据不同的选项配置，全部兼容处理各类布草，包括床单类，被套类，桌布类及小件布草的快速展平和送布。
- 根据布草的类型，每小时最大可处理1000件布草，达到极高的产能。
- 主要传动，电控，气动部件均采用欧美及日本品牌，保证可靠性。
- PLC大液晶屏控制界面，可与烫平机和折叠机联动控制，调整程序方便快捷；
- According to the different configuration options, can handle all kinds of linens, including bed sheets, quilt cover, table cloth and small clothes.
- For different cloth, maximum capacity up to 1,000 pieces per hour, which can reach extremely high production.
- Main transmission, electric control, pneumatic components are all adopt in European and American brands, guaranteed reliability.
- PLC large touch screen control interface, linkage control with ironing machine and folding machine, more convenient to adjust programs.

项目 Item	单位	ZB-3300	
最大布草宽度 Max Width	mm	3200	
工位数 Station	个	4	
运行速度 Speed	m/min	10-50	
电机功率 Motor power	Kw	18	
最低进气压力 Min air pressure	Mpa	0.5	
耗气量 Air consumption	L/min	210	
外形尺寸 Dimension	mm	5590X3125X2350	
整机重量 Weight	Kg	3750	
送布能力 Delivery ability	模式 Mode	自动 Automatic	旁通 Bypass
	床单 Sheet	是 Yes	是 Yes
	被套 Quilt cover	是 Yes	是 Yes
	枕套 Pillowcase	否 No	是 Yes
	腊布 Wax cloth	否 No	是 Yes

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## DOUBLE SIDES HIGH-SPEED IRONING MACHINE GTP-3300-R6-705六辊高速立体烫平机

- 蒸汽消耗量仅为260-360公斤/小时（根据实际使用压力）；
- S型的走向可使布草正反两面都熨烫到，可有效提高熨烫平整度，特别适合被套等多层类的布草；
- 采用不锈钢烘筒，具有结构紧凑，烘筒传热快，热效率利用率高优点。
- 采用变频拖动方式，实现无极调速，使熨烫速度在极限范围内可自由调节，且节能效果显著。
- 本设备采用框架结构，具有结构牢固，稳定性好等优点。
- 本设备分别采用V型带和链条作为传动介质，具有传动平衡准确，缓冲性好，噪音小等优点。
- Steam consumption is only 260-360 kg / hour (according to the actual using pressure);
- The direction of the S-type can ironing both sides of the cloth in one time, which can effectively improve the ironing flatness, and is especially suitable for multi-layered linen such as quilt cover;
- The stainless steel drying roller has the advantages of compact structure, fast heat transfer and high utilization rate of thermal efficiency.
- The frequency conversion method is adopted to realize the all speed regulations, so that the ironing speed can be freely adjusted within the limit range, and the energy saving effect is remarkable.
- The machine adopts a frame structure and has the advantages of firm structure and good stability.
- The machine adopts V-belt and chain as the transmission medium respectively, accurate transmission balance, good cushioning and low noise.

主要参数 Specification	
总电源 Power	380V (3P)
电机功率 Motor power	5.3kw
压缩空气压力 Compressed air pressure	0.6 Mpa
压缩空气消耗量 Compressed air consumption	20 L/h
蒸汽压力 Steam pressure	最大1.0Mpa
蒸汽消耗量 Steam ratio	340 Kg/h
辊筒直径 Roller dia.	φ 705mm
宽幅 Width	3300mm
速度 Speed	3-50m/min
重量 Weight	13000kg
外形尺寸 Dimension	4640mm × 4650mm × 1600mm

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## CHEST IRONER C833槽式熨平机

- ◎ 滚筒、槽体、支撑气缸、滚筒摆板、后支撑连杆与平衡轴组成自适应平衡压力平衡连杆机构，使滚筒与槽面压力更均匀。
- ◎ 采用比利时产辊筒专用弹簧，英国产900g/cm<sup>2</sup>烫毡，摩擦力、透气性好，加上可调的烫槽压力，使熨烫压力更均匀，从而达到更理想的熨烫效果。
- ◎ 减少能量消耗25-35%左右，提高熨烫速度30%以上，提供了更加安全、可靠、高效率的解决方案。
- ◎ The roller, the trough, the supporting cylinder, the roller plate, the rear supporting connecting rod and the balance shaft are composed of the balanced connecting rod mechanism, which makes the trough and groove surface pressure more uniform.
- ◎ The Belgian special spring, British 900 g/cm<sup>2</sup> hot blanket, friction, good air permeability, with adjustable hot trough pressure, make ironing pressure more evenly, so as to achieve more ideal ironing effect.
- ◎ Reducing energy consumption by 25-35%, improving ironing speed by over 30%, more secure, reliable and efficient solutions.

项目 Item	单位	OC833 ( S/H/G ) 2	OC833 ( S/H/G ) 3
滚筒数量 Roller number	个	2	3
滚筒直径 Roller dia	mm	800	800
熨平宽度 Ironing width	mm	3300	3300
速度 Speed	m/min	5-35	5-50
加热面积 Heating area	m <sup>2</sup>	9.88	15.77
热量 Heating	kw	260	400
蒸汽耗量 Steam consumption	kg/h	385	600
蒸发量 Evaporation	l/h	240	330
天然气 Gas	l/min	433	667
热油量 Hot oil	l/min	550	850
电机功率 Motor power	kw	11	15
电机功率 Fan power	kw	2.2	4
排风量 Exhaust volume	m <sup>3</sup> /h	2160	3240
排风管直径 Exhaust pipe	mm	200	220
蒸汽输入管径 Steam input pipe	DN (mm)	50	65
蒸汽输出管径 Steam output pipe	DN (mm)	40	50
热油输入管径 Hot oil input pipe	DN (mm)	50	76
热油输出管 Hot oil output pipe	DN (mm)	50	76
径压缩空气管直径 Compressed air pipe	mm	12	12
高X深X宽 Dimension	mm	1630(不包括栏杆) X3530X450	1630(不包括栏杆) X4740X4450
整机重量 Weight	kg	7270	10100

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## FLATWORK ROLLER IRONING MACHINE 烫平机

- ◎ 300° 围包角，更加节能
- ◎ 一体式传动结构简单，减少故障点
- ◎ 熨平带采用自重加弹簧自动涨紧，带子松紧始终能保持一致，从而保证熨烫质量
- ◎ 浮球式疏水阀排水畅通，对蒸汽压差无要求，保证正常排水。
- ◎ 300° surrounding angle, more energy saving
- ◎ The one-piece transmission structure is simple and the failure point is reduced
- ◎ The ironing belt is automatically tightened with a self-reloaded spring, and the elastic band can always be consistent to ensure the quality of ironing
- ◎ Float ball type drain valve is smoothly, the steam pressure difference is not required, ensure normal drainage.

型号 Model	单位	YZ- I -3300	YZ- II -3300	YZ- III -3300	YZ-IV-3300	YZ-V-3300	YZ-VI-3300
辊筒直径 Roller dia	mm	Ø800	Ø800	Ø800	Ø800	Ø800	Ø800
最大熨平宽度 Max ironing width	mm	3300	3300	3300	3300	3300	3300
熨平速度 Ironing speed	m/mim	3-15	3-20	3-25	3-35	3-50	3-60
熨平温度 Ironing temperature	℃	158	158	158	158	158	158
蒸汽压力 Steam pressure	MPa	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6
蒸汽耗量 Steam consumption	kg/h	180	220	300	350	400	450
电机功率 Motor power	kW	1.5	1.5	1.5	2.2	3	3
电源 Voltage	v	380V/50HZ/3P	380V/50HZ/3P	380V/50HZ/3P	380V/50HZ/3P	380V/50HZ/3P	380V/50HZ/3P
长 Length	mm	4460	4460	4460	4460	4460	4460
宽 Width	mm	1540	2500	3440	4500	5800	7200
高 Height	mm	1420	1420	1420	1420	1420	1420
整机重量 Weight	kg	1700	3300	4000	5300	7000	8500

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.

## ELECTRONIC HEATING IRONING MACHINE 电加热烫平机



- ◎ 300° 围包角，更加节能
- ◎ 一体式传动结构简单，减少故障点
- ◎ 熨平带采用自重加弹簧自动涨紧，带子松紧始终能保持一致，从而保证熨烫质量

- ◎ 300° surrounding angle, more energy saving
- ◎ The one-piece transmission structure is simple and the failure point is reduced
- ◎ The ironing belt is automatically tightened with a self-reloaded spring, and the elastic band can always be consistent to ensure the quality of ironing

型号 Model	单位	YDII-2500	YDII-2800	YDII-3000	YDII-3300
最大烫平宽度 Max. Ironing width	mm	2500	2800	3000	3300
烫平速度 Ironing speed	m/min	0-6	0-6	0-6	0-6
加热功率 Heating power	kW	79	79	79	86.4
最高加热温度 Max. temperature	°C	230	230	230	230
电机功率 Motor	kW	1.5	1.5	1.5	1.5
额定电压 Voltage	V	380	380	380	380
外形 Size	mm	3620×2500×1420	3920×2500×1420	4120×2250×1420	4420×2500×1420
整机重量 Weight	kg	2500	2700	2900	3300

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## GAS HEATING IRONING MACHINE 燃气熨平机



- ◎ 300° 围包角，更加节能
- ◎ 一体式传动结构简单，减少故障点
- ◎ 熨平带采用自重加弹簧自动涨紧，带子松紧始终能保持一致，从而保证熨烫质量

- ◎ 300° surrounding angle, more energy saving
- ◎ The one-piece transmission structure is simple and the failure point is reduced
- ◎ The ironing belt is automatically tightened with a self-reloaded spring, and the elastic band can always be consistent to ensure the quality of ironing

型号 Model	单位	YQI-3000	YQI-3300	YQII-3000	YQII-3300	YQIII-3000	YQIII-3300	YQIV-3000	YQIV-3300	YQV-3000	YQV-3300	YQVI-3000	YQVI-3300
辊筒数量 Roller number		1	2	3	4	5	6						
辊筒直径 Roller dia	mm	∅800	∅800	∅800	∅800	∅800	∅800						
辊筒长度 Roller length	mm	3000	3300	3000	3300	3000	3300	3000	3300	3000	3300	3000	3300
熨平速度 Ironing speed	m/min	2-12	3-24	6-36	8-36	8-36	8-36						
电机功率 Motor power	kW	1.5	1.5	1.5	2.2	3	3						
燃气耗量 Gas consumption m³/h		6	12	18	24	30	36						
燃气压力 Gas pressure	MPa	0.02-0.06	0.02-0.06	0.02-0.06	0.02-0.06	0.02-0.06	0.02-0.06						
长 Length	mm	4160	4460	4160	4460	4160	4460	4420	4460	4420	4460	4420	4460
宽 Width	mm	1250	2280	3200	4400	5340	6280						
高 Height	mm	1420	1420	1420	1420	1420	1420						
整机重量 Weight	kg	1450	1600	2800	3000	4000	4300	5200	5600	6400	6600	7600	7800

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.

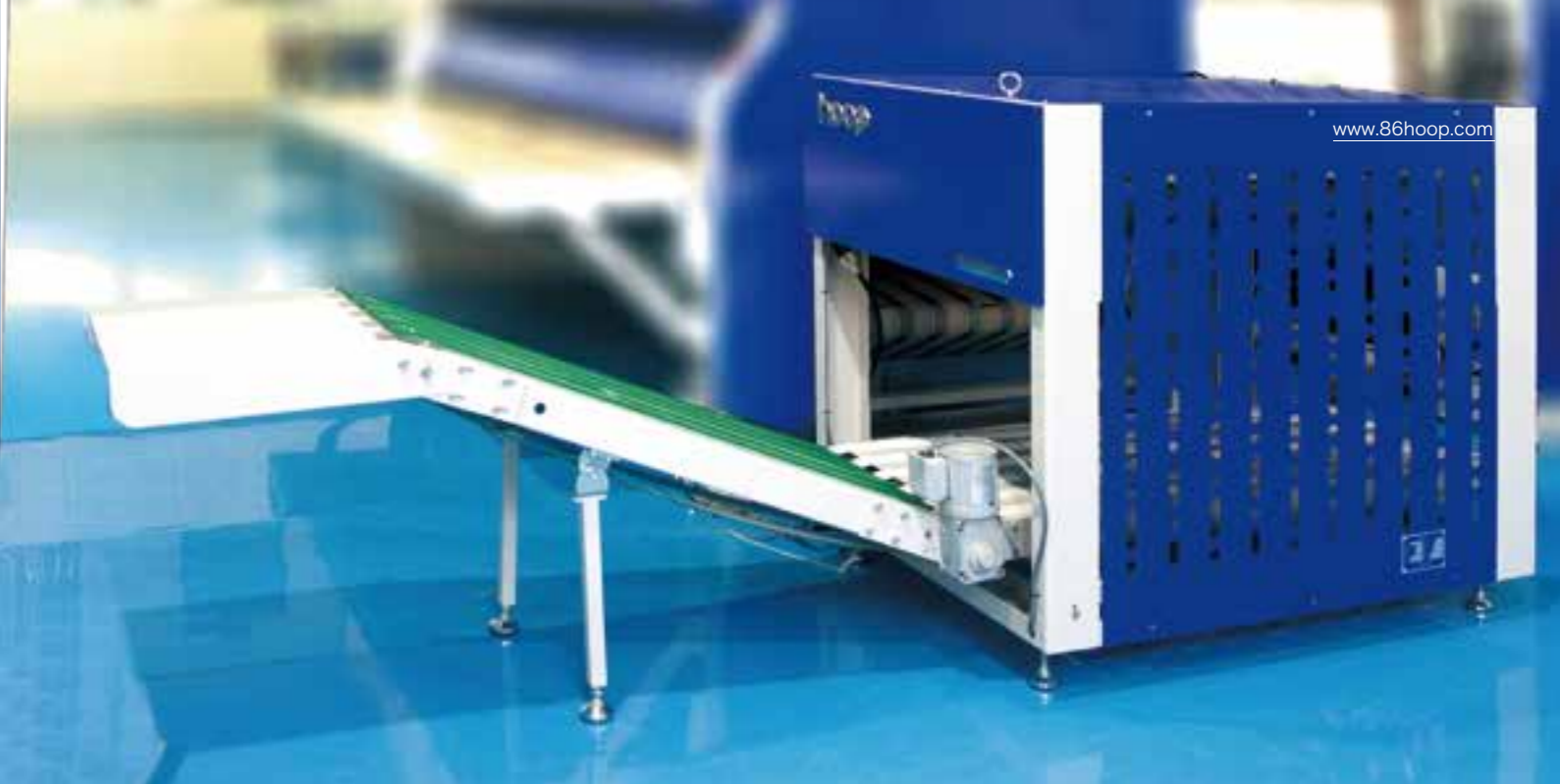
## PILLOWCASE IRONING MACHINE 枕套烫平机

- ◎ 300° 围包角，更加节能
- ◎ 一体式传动结构简单，减少故障点
- ◎ 熨平带采用自重加弹簧自动涨紧，带子松紧始终能保持一致，从而保证熨烫质量
- ◎ 浮球式疏水阀排水畅通，对蒸汽压差无要求，保证正常排水。

- ◎ 300° surrounding angle, more energy saving
- ◎ The one-piece transmission structure is simple and the failure point is reduced
- ◎ The ironing belt is automatically tightened with a self-reloaded spring, and the elastic band can always be consistent to ensure the quality of ironing
- ◎ Float ball type drain valve is smoothly, the steam pressure difference is not required, ensure normal drainage.

型号 Model	单位	YZ-800/5	YZ-1500/5
辊筒直径 Roller dia	mm	∅800	∅800
最大烫平宽度 Max ironing width	mm	800	1500
烫平速度 Ironing speed	m/min	3-15	3-15
烫平温度 Ironing temperature	°C	158	158
蒸汽压力 Steam pressure	MPa	0.4-0.6	0.4-0.6
电机功率 Motor power	kW	1.5	1.5
电源 Voltage	v	380V/50HZ/3P	380V/50HZ/3P
长 Length	mm	1100	1800
宽 Width	mm	1250	1250
高 Height	mm	1420	1420
整机重量 Weight	kg	900	1100

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## HIGH SPEED FOLDING MACHINE 高速折叠机

- ◎ 采用最新、最先进快速精准折叠智能控制系统，触摸屏PLC自编程序控制系统设计每一折单独控制，多项自动控制选择方式，使整机运行速度及折叠精准度达到最佳状态。
- ◎ 折叠速度可达60米/分。（拒折率小于千分之五）
- ◎ 电气控制部分均采用进口元器件，对机器的运行速度、精准度、稳定性提供了有效的保障。
- ◎ Adopting the latest and most advanced fast and accurate folding intelligent control system, the touch screen PLC self-programming control system is controlled by each fold and a plurality of automatic control selection modes, so that the running speed and folding precision of the whole machine reach the optimal state.
- ◎ Folding speeds up to 60 m/min. (The rejection rate is less than five thousandths)
- ◎ The electrical control parts are imported, which provides effective guarantee for the running speed, accuracy and stability of the machine.

项目 Item	单位	参数
折叠规格 Folding type	mm	3300
折叠折数 Folding times	layer	5
最大折叠速度 Max speed	m/min	10-60
压缩空气压力 Compressed air pressure	mpa	0.5-0.8
总功率 Power	kw	2.35
外形尺寸 Dimension	长×宽×高 (mm)	4760×3095×1825
左右出口 Layout direction		可根据需求选择
整机重量 Weight	kg	2450

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.

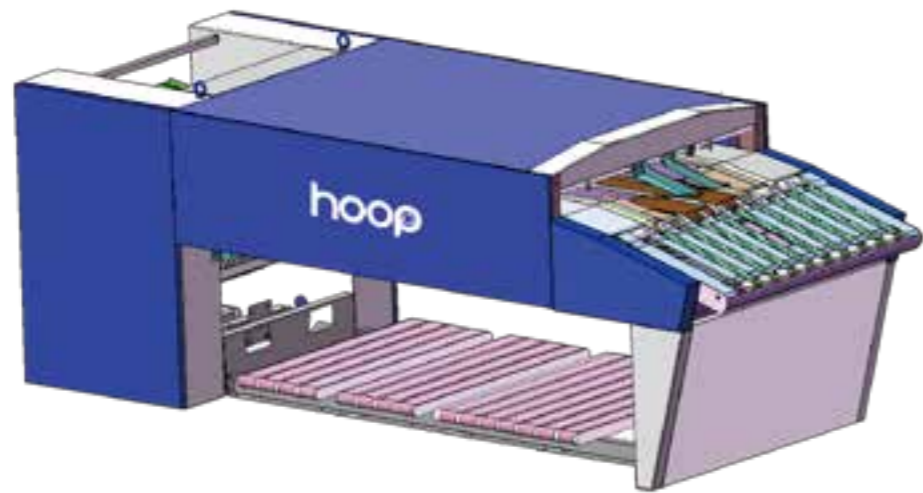
## STACKER 堆码机

堆码机自动化程度高，操作简单，降低工人的劳动强度，由微电脑自动控制，可自行设置堆码数量，可选择大、中、小三个通道分开堆码，整机结构紧凑，占地面积小等优点。

The stacking machine has high degree of automation, simple operation and reduced labor intensity. It is automatically controlled by the microcomputer, and the stacking quantity can be set by itself. The three channels of large, medium and small can be separated and stacked, and the whole machine has compact structure and small floor space.

项目 Item	单位	参数
电机功率 Motor power	kw	0.95
压缩空气压力 Compressed air pressure	mpa	0.5-0.8
整机重量 Weight	kg	280
外形尺寸 Dimension	长×宽×高 (mm)	1194×2984×1175

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## TOWEL FOLDING MACHINE 毛巾折叠机

- 能自动识别毛巾大小，并自动调整合适的折叠宽度，通过横折板进行横折折叠。
- 出料精确定位、自动技术堆码、响应速度快、工作周期短。
- The machine enables to automatically recognize towel size and automatically adjust appropriate feeding width, cross-folding by the crossbar.
- Efficient control system, through a variety of sensor and encoder can accurately monitor the size of the towel and location, and automatically select the corresponding cross breaks, longitudinal fold, stacking method, time and the effect is perfect.

项目 Item	单位	参数
折叠规格 Folding type	mm	1200 × 2000
折叠折数 Folding times	layer	5
最大折叠速度 Max speed	m/min	10-60
压缩空气压力 Compressed air pressure	mpa	0.5-0.8
总功率 Power	kw	1.38
外形尺寸 Dimension	长 × 宽 × 高 (mm)	3912 × 1360 × 1445
左右出口 Layout direction		可根据需求选择
整机重量 Weight	kg	1400

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## FULLY-CLOSED DRY CLEANING MACHINE GXQ全封闭干洗机

- 整机凡与溶剂接触的部位均采用优质不锈钢精加工而成。
- 智能电脑控制系统，手动、自动任意切换，可任意编写多套自动洗衣程
- 符合欧洲标准的大型防渗漏底盘，有效杜绝了溶剂泄漏时对洗衣房和地下水的污染，并可对溶剂进行有效的回收，环保经济，安全可靠。
- All parts contact with the solvent adopt high quality stainless steel
- Intelligent computer control system, manual, automatic switch, can write many automatic laundry procedures;
- It is in accordance with the European standard of the large anti-leakage chassis, effectively eliminate the pollution of the laundry room and ground water when the solvent leakage, and can effectively recycle the solvent, environmental protection economy, safe and reliable

型号	Model	单位Unit	GXQ8	GXQ10	GXQ12	GXQ14
容量	Capacity	kg	8	10	12	14
内胆直径	Drum diameter	mm	718	718	774	774
内胆深度	Drum depth	mm	340	430	465	534
洗涤速度	Washing speed	rpm	34	34	40	40
脱水速度	Extracting speed	rpm	370	370	400	400
电源	Voltage	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
容积泵功率	Pump power	kw	0.75	0.75	0.75	0.75
驱动电机功率	Motor power	kw	1.5	1.5	1.5	1.5
风机功率	Fun motor power	kw	1.5	1.5	1.5	1.5
过滤器功率	Filter power	kw	0.55	0.55	0.55	0.55
制冷系统功率	Refrigeration system power	kw	2.6	3	3	3
烘干加热功率	Drying heating power	kw	4.5	4.5	8.4	8.4
蒸馏功率	Distillation power		4.5	4.5	8.4	8.4
宽	L	mm	1630	2000	2110	2110
深	W	mm	1280	1360	1560	1560
高	H	mm	2040	2040	2100	2100
净重	Weight	kg	500	750	1100	1200

备注：以上规格参数如有变更，恕不另行通知。Note: The above specifications are subject to change without notice.



## PNEUMATIC PRESSING MACHINE YTJ-45AQ干洗气动万能夹机

型号	Model	YTJ-45AQ
控制方式	Control method	双气缸, 双手按钮操作Cylinder &Button
最大蒸汽压力(MPa)	Maximum steam pressure(Mpa)	0.4-0.5
蒸汽消耗量(kg/h)	Steam consumption(Kg/h)	10-20
最大耗气量(L/min)	Maxi air consumption(L/min)	0.03-0.04
空气压力(MPa)	Air pressure(Mpa)	0.4-0.6

备注: 以上规格参数如有变更, 恕不另行通知。  
Note: The above specifications are subject to change without notice.

## SPOTTING TABLE QZT系列 去渍机

参数	Model	QZT
电机功率 (kw)	Motor power(KW)	0.75
工作面积 (mm)	Working area(mm)	200×800
电源电压 (V)	Voltage (V)	220
整机重量 (kg)	Weight(Kg)	56
外形尺寸 (mm)	Dimension(mm)	1156×400×1730

备注: 以上规格参数如有变更, 恕不另行通知。  
Note: The above specifications are subject to change without notice.



## IRONING TABLE YTT系列自吸风熨烫台

烫台参数	Model	YTT
电机功率 (kW)	Motor power(KW)	0.37
额定电压 (V)	Voltage(V)	220
整机重量 (kg)	Weight(Kg)	72
外形尺寸 (mm)	Dimension(mm)	1500×800×1050

发生器参数	Steam generator model	DZF
额定蒸汽压力 (MPa)	Steam pressure(Mpa)	0.4
额定蒸发量 (kg/h)	Rated evaporation(Kg/h)	3.8
加热功率 (kW)	Heating power(KW)	3
额定电压 (V)	Voltage(V)	220
整机重量 (kg)	Weight(Kg)	40
外形尺寸 (mm)	Dimension(mm)	450×330×880

备注: 以上规格参数如有变更, 恕不另行通知。  
Note: The above specifications are subject to change without notice.



## DUMMY MACHINE RZB系列 人像机

参数	Model	RZB
蒸汽压力 (MPa)	Steam pressure(Mpa)	0.3-0.6
功率 (kW)	Power(Kw)	0.55
额定电压 (V)	Voltage(V)	220
整机重量 (kg)	Weight(Kg)	76
外形尺寸 (mm)	Dimension(mm)	1200×450×1600

备注: 以上规格参数如有变更, 恕不另行通知。  
Note: The above specifications are subject to change without notice.



# 汇布四大服务模块

汇布秉承优质快速的服务理念

为客户提供完善的售前、售中和售后服务体系。



## 售前支持 PRE-SALE SUPPORT

### 1.配合客户委托设计院，进行洗涤设备及方案咨询服务

汇布专属团队将会为客户以及设计院解答关于洗衣房搭建的疑问，提供专业的技术、运营、成本控制等解决方案。

### 2.提供洗衣房系统设计方案及各种配套图纸

根据客户的洗衣房实际情况，为其设计规划最高效、节能的配套解决方案。

1.Cooperate with client to entrust design institute, offering consultation service

Hoop exclusive team will answer any question about the laundry room construction for customers and the design institute, providing professional technical, operation and cost control solutions

2.Provide laundry system design scheme and various supporting drawings

According to the actual situation of the customers' laundry room, the most efficient and energy-saving solutions will be provided



## 售后支持 AFTER-SALES SUPPORT

### 1.专业技师现场调试

设备安装时，汇布将会有专业技师到现场协助。安装就位后，更会帮助客户调试、检查设备。

### 2.设备管理、操作人员进行上岗培训

设备调试确保结束后，汇布将会为洗衣房操作人员进行系统培训，确保操作人员了解设备的运转与操作。

3.制定预防性维修计划、并按计划对用户的设备使用情况进行回访  
汇布将会为客户每台设备制定详细的维修计划并将其留档。并定期回访客户，了解使用设备情况。

4.设备自调试验收合格之日起享受12个月的免费保修（易损件除外）  
保修期内，如遇任何问题可直接联系相关售后人员。

1.Professional technician on-site debugging

Hoop will send professional technicians to guide installation, debugging and inspection. .

2.Equipment management and operator training

After commissioning, Hoop will conduct trainings for laundry room workers to ensure that the operators understand the operation better

3.Make a preventive maintenance plan and return visit to the users as scheduled

Hoop will make detailed maintenance plans for each device and keep it for file, and made regular visit.

4.We promise 12 months 'free warranty (except vulnerable parts)

from the date of commissioning and acceptance..

# OUR SERVICE SYSTEM

With high quality and fast service concept

To provide customers with comprehensive pre-sales, sales and after-sales service system



## 售后服务 AFTER-SALES SERVICE

### 1.制定个性化客户服务系统，有效的对每位客户进行项目跟进

### 2.24小时服务热线：

### 3.拥有遍布全球的直销、分销网络

汇布在全球均有代理商会为每位海外客户提供专业、有效的洗涤解决方案。

4.客户可通过杂志、微博、网站、电邮等方式与汇布直接互动  
客户除通过服务热线了解汇布外，也可通过多种媒体渠道时时关注与互动了解汇布最新咨询。

1.Develop personalized customer service system and follow up with each customer

2.24- hour hotline

3.It has a global network of direct selling and distribution

We have representatives all over the world, to provide professional and effective solutions for every overseas customer.

4.You can find us via magazine, microblog, website, email, etc

Apart from the service hotline, customer can learn more about us by various media channels.



## 工程服务流程 ENGINEERING SERVICE PROCESS

◎服务系统归属技术部门管理。

◎工程定制项目，以技术支持主导，专业工程安装公司实施安装和调试。

◎建立远程故障诊断系统，疑难问题技术直接处理。日常服务本地化：

◎在总部支持下，逐步建立样板客户或服务商服务网络；

◎开展技术培训；

◎就地设立常用备件库；

◎建立快速服务系统。

专业的工程安装队伍及合作伙伴  
标准化安装和快速服务

◎专业的工程方案设计；

◎快速及标准的安装作业；

◎及时周到的工程服务。

the service system belongs to the technical department

Project customized project, with technical support leading, professional engineering installation company to implement installation and commissioning.

Establish the remote fault diagnosis system, difficult problem technology to deal with directly. Daily service localization

At the headquarters support, build up the sample client or service network gradually  
technique training

Create common spare parts in place

Build a fast service system

Professional engineering installation team and partners

Standardized installation and quick service

Professional engineering design

Quick and standard installation work

Timely and thoughtful engineering services.