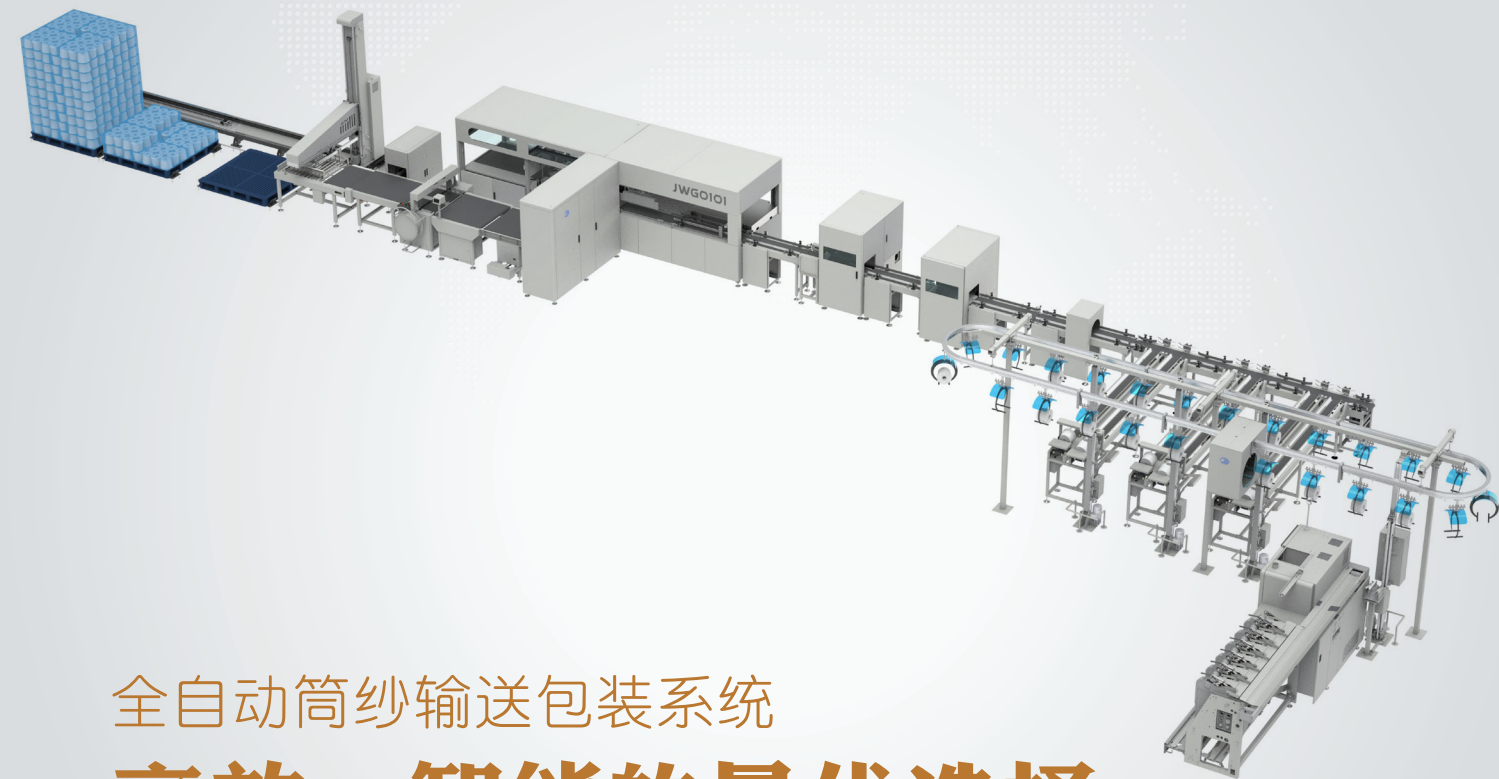


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CREATING A FLAGSHIP IN MANUFACTURING,
LEADING THE DEVELOPMENT OF TEXTILE INDUSTRY



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QINGDAO HONGDA TEXTILE MACHINERY CO., LTD.

JWGO101 全自动筒纱输送包装系统 Automatic Cone Yarn Conveying and Packing System



全自动筒纱输送包装系统
高效、智能的最优选择

Automatic Cone Yarn Conveying and Packing System
Good choice for high efficient and intelligent



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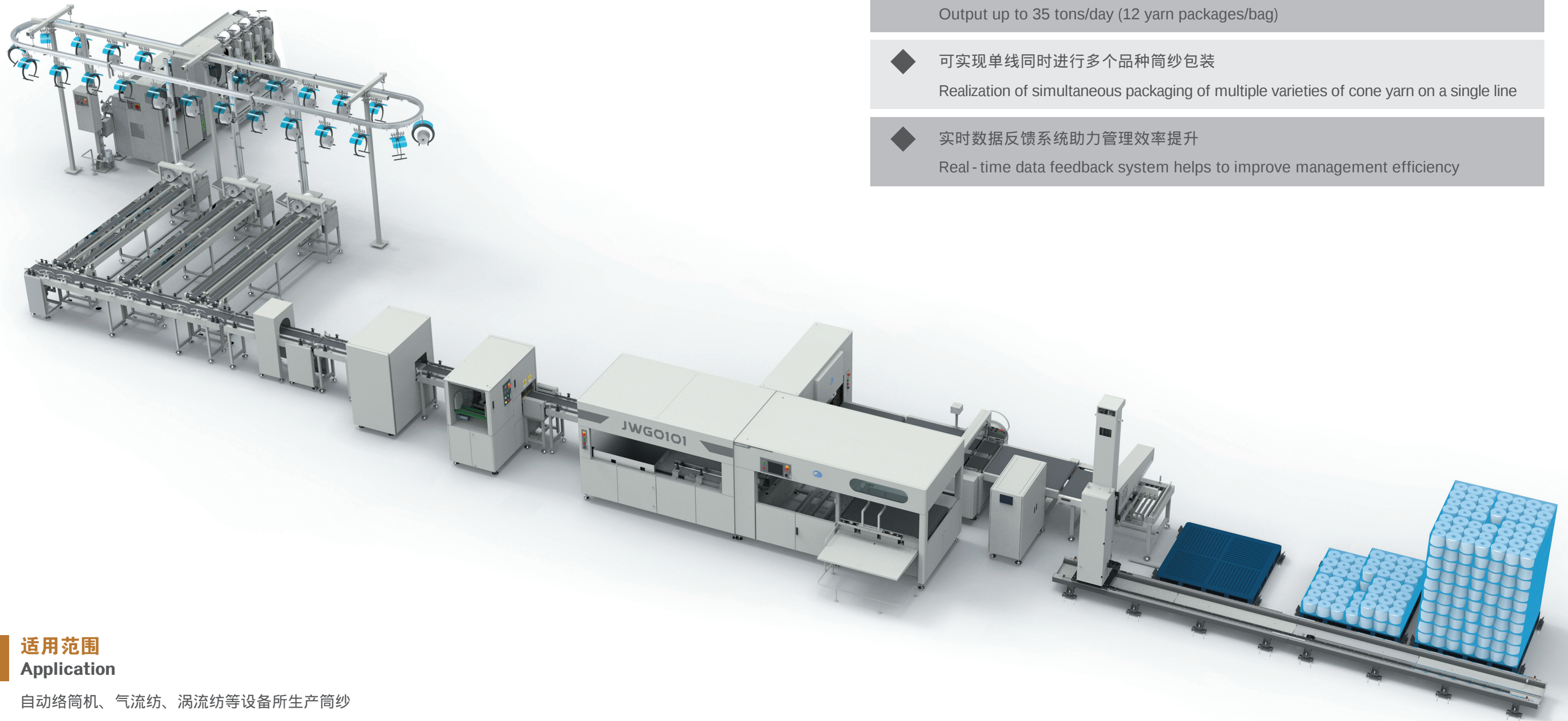
JWG0101全自動筒紗輸送包裝系統

Automatic Cone Yarn Conveying and Packing System

高效、智能的全自動筒紗輸送包裝系統，我們可以承諾

For the efficient and intelligent Conveying and Packing System, we promise

- ◆ 產量高達35噸/天（12個筒紗/袋）
Output up to 35 tons/day (12 yarn packages/bag)
- ◆ 可實現單線同時進行多個品種筒紗包裝
Realization of simultaneous packaging of multiple varieties of cone yarn on a single line
- ◆ 實時數據反饋系統助力管理效率提升
Real-time data feedback system helps to improve management efficiency



适用范围

Application

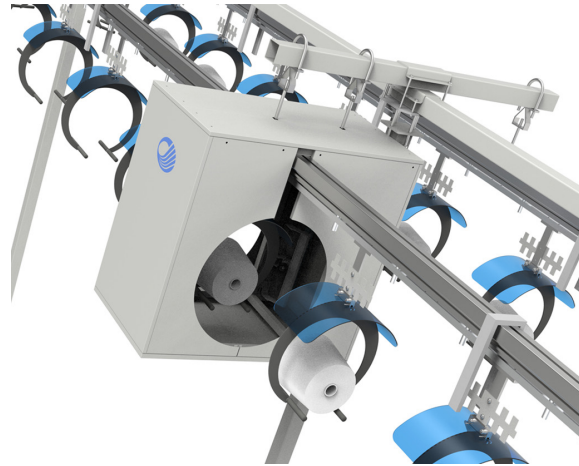
自动络筒机、气流纺、涡流纺等设备所生产筒纱

Cone yarn is produced by auto-winder, open-end spinning, vortex spinning, twister and other equipment



全方位的筒纱外观质量检测

All-round quality inspection of cone yarn appearance



配置多摄像头的空中筒纱外观质量检测系统，确保检测面全覆盖，对不合格的筒纱设置专用下纱通道提前进行自动检出，为筒纱品质保驾护航。

高效可靠，节省人工。

Cone yarn appearance quality inspection system is equipped with multi-camera to ensure full coverage of the inspection surface, set up a special yarn doffing channel for unqualified cone yarns to be detected automatically in advance, protect the quality of the cone yarns.

Efficient and reliable, labor saving.

高效的筒纱覆膜机构

High efficient yarn laminating mechanism



筒纱覆膜全过程无停留等待，大幅提高了覆膜效率，可达2秒/筒纱，结构简单可靠。

It designs with simpler and more reliable structure that realizes the continuous producing without waiting in the whole laminating process to improve the lamination efficiency up to 2 seconds/cone yarn greatly.



便捷可靠的上袋机构

Convenient and reliable bag loading mechanism

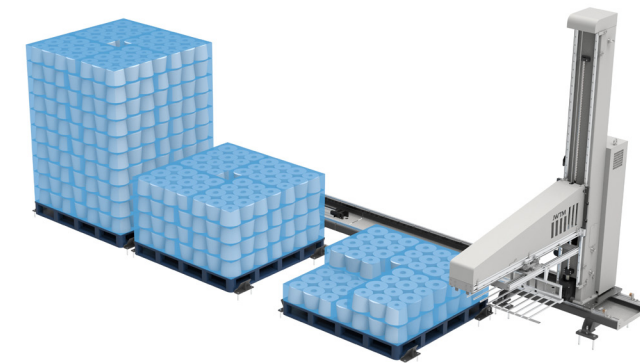


编织袋上袋采用侧吸形式，设置多点智能检测，可自动纠错，上料智能预警提示，保证高可靠易操作性。同时可根据需要选择编织袋上袋和卷料上袋两种不同配置。

Woven bag loading adopts side suction form, sets up multi-point intelligent detection, automatic error correction, intelligent and warning loading prompts to ensure high reliability and easy operation. At the same time, it can be chosen two different configurations of woven bag loading and roll material loading accordingly.

可靠灵活的码垛配置

Reliable and flexible palletizing configurations



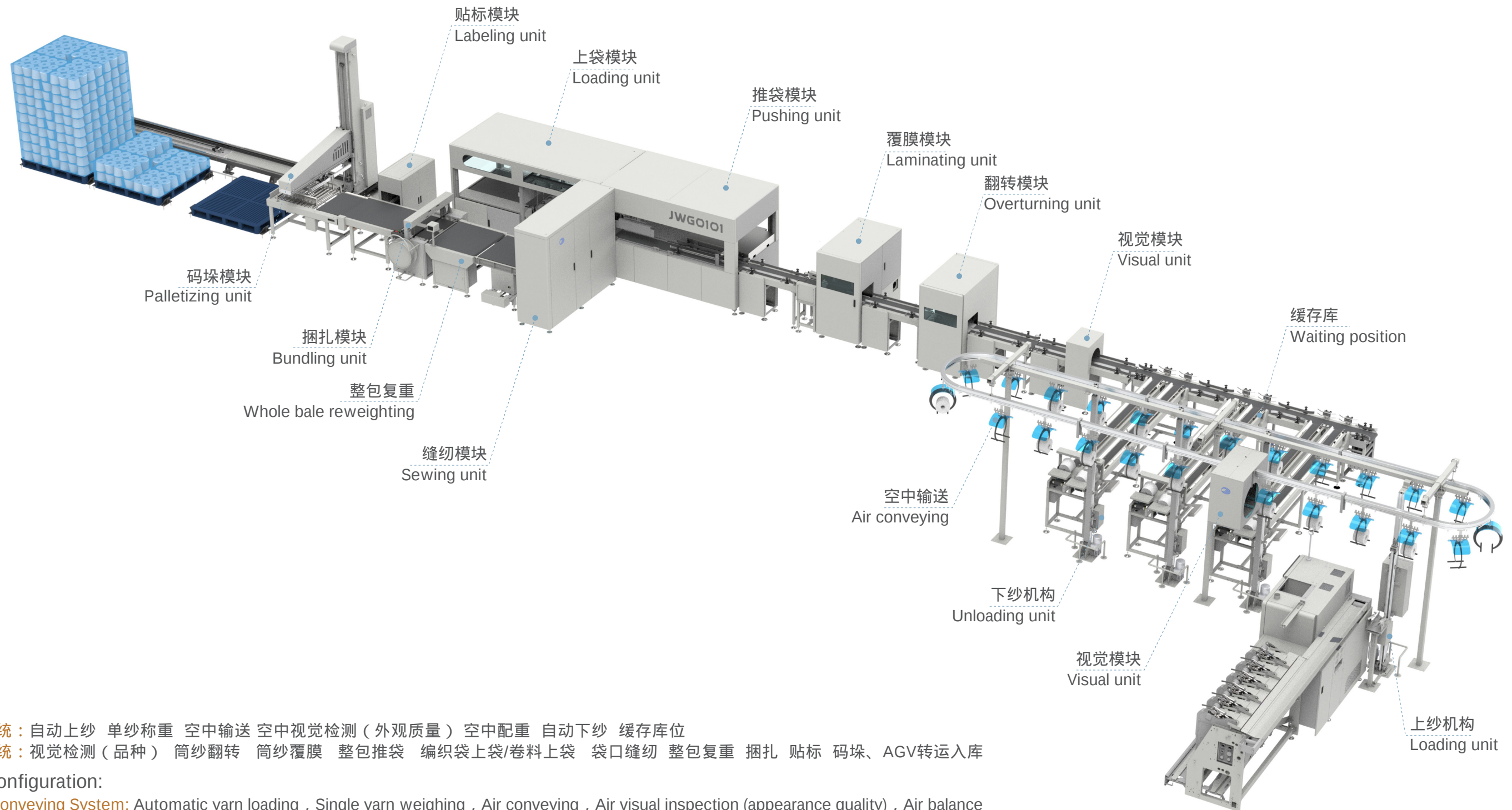
机器人码垛装置采用模块化设计，可以根据需要配置数量不同的工位，每垛可以码10层。

The modular design of the robot palletizing unit allows the configuration of a different number of stations according to the needs, and each pallet can be palletized in 10 layers.



灵活的配置选择、满足您不同的筒纱打包需求

Flexible configuration options to meet your different needs of the cone yarn packing



流程配置:

筒纱输送系统: 自动上纱 单纱称重 空中输送 空中视觉检测 (外观质量) 空中配重 自动下纱 缓存库位

筒纱包装系统: 视觉检测 (品种) 筒纱翻转 筒纱覆膜 整包推袋 编织袋上袋/卷料上袋 袋口缝纫 整包复重 捆扎 贴标 码垛、AGV转运入库

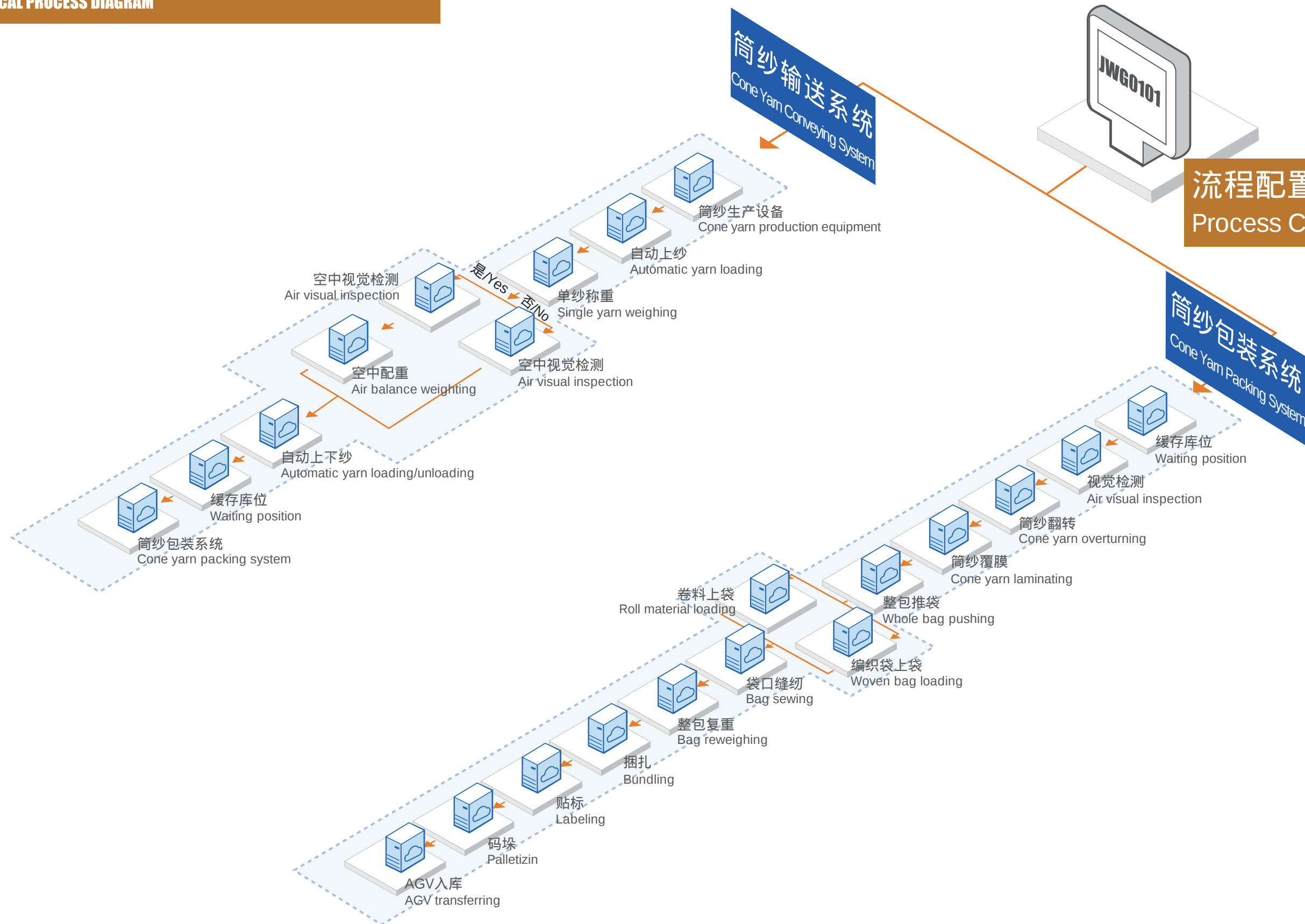
Process Configuration:

Cone Yarn Conveying System: Automatic yarn loading , Single yarn weighing , Air conveying , Air visual inspection (appearance quality) , Air balance weighing, Automatic yarn unloading , Waiting position

Cone Yarn Packing System: Visual inspection (Variety) , Cone yarn overturning , Cone yarn laminating , Whole bag pushing , Woven bag loading/Roll material loading , Bag sewing , Bag reweighing , Bundling , Labeling , Palletizing , AGV transferring



流程配置示意图 TECHNICAL PROCESS DIAGRAM





主要技术参数

Main technical parameters

机型	JWG0101
电源	三相五线制 AC 380V 50HZ
主机装机功率	15kw（上纱、空中输送部分根据配置另外计算）
工作环境	温度5-45 湿度 ≤ 85%
气源	气压0.7MPa
耗气量	0.9m ³ /min
适应包装物尺寸	纸管锥度5°57"、4°20"，纸管高度170-176mm
编织袋成包方式	3X4或3X5
适用托盘尺寸	1.4mX1.4m，每层4包回字型码垛，码放十层
产能	35吨/天（单个筒纱重量2.08kg）
适用薄膜	材质：HDPE，双层膜;单层厚度:7丝;单开口，膜宽根据实际筒纱尺寸确定
适用扎带	用母料 11mmX0.8mm（宽X厚），平行打包
适用缝纫线	20s涤纶包装线

Model	JWG0101
Power supply	Three - phase, five - wire system AC 380V 50HZ
Main machine installed power	15kw (yarn loading, air transportation part is calculated separately according to the configuration)
Working environment	Temperature 5 - 45 Humidity ≤ 85%
Air supply	Air pressure 0.7MPa
Gas consumption	0.9m ³ /min
Package size	bobbin taper 5 ° 57", 4 ° 20", bobbin height 170 - 176mm
Woven bag forming method	3x4 or 3x5
Applicable pallet size	1.4m x 1.4m, 4 packs per layer palletized in a zigzag pattern, ten layers.
Production capacities	35 tons/day (individual cone yarn weight 2.08kg)
Applicable films	Material : HDPE, double - layer film ; Single - layer thickness: 0.07mm; single - opening, the width of the film is determined according to the actual size of the simple yarn.
Applicable Ties	Raw material 11mmx0.8mm (width x thickness), parallel packing
Applicable Sewing Thread	20s polyester packing line