

GSPH-DZ30 小型自动膏药机

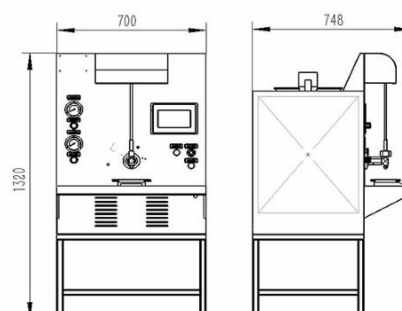
GSPH-DZ30 Small automatic plaster machine

概述:

GSPH-DZ30 小型自动膏药机由黑膏药自动滴注机和黑膏药成型机组成，该设备用于生产各类黑膏药（铅丹膏药）、松香膏药、热熔胶膏药，可用于各类药贴托的生产。适用于个体、中医门诊、医院等小批量生产。

Overview:

GSPH-DZ30 Small automatic plaster machine is composed of black plaster automatic drip machine and black plaster forming machine. The machine is used to produce all kinds of black plaster (lead paste), rosin plaster and hot melt adhesive plaster, and can be used in the production of all kinds of plaster holders. It is suitable for small batch production of individual, TCM clinic and hospital.



| 技术参数

Technical parameter

设备名称 Product name	小型自动膏药机 Small automatic plaster machine
规格型号 Type	GSPH-DZ30
外形尺寸 Size	700mm*748mm*1320mm
基质类型 Matrix type	黑膏药、热熔胶、松香膏药 Black plaster, hot melt adhesive, rosin plaster
基材类型 Substrate type	复合棉布、无纺布、PU防水膜、仿皮布 Composite cotton cloth, non-woven fabric, PU waterproof membrane, imitation leather cloth
药贴形状 Patch shape	任意形状 Any shape
基材最大宽度 Maximum width of base material	240mm
滴注速度 Drip speed	5g/s
滴注精度 Drip precision	±0.2g
操作方式 Operation mode	自动、手动 Automatic, manual
控制系统 Control system	PLC+触摸屏 PLC + touch screen
温度控制 Temperature control	智能 PID 控制 Intelligent PID
生产效率 Production efficiency	3500-5500 贴/天 Film/Sky
工作电压 Working voltage	AC220V
额定功率 Rated power	2Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈60Kg

| 设备特点

Equipment features

- 1、设备尺寸小，占地面积小，价格实惠，投资小；
- 2、生产电源为220V，可家用，安全方便
- 3、高精度数字称重系统，药重可设定在0.5-280克一贴
- 4、熬制锅不锈钢采用进口不锈钢，锅内压力实时监控，保证安全，锅底有搅拌装置保证膏药熬制均匀，容积30L
- 5、采用电磁加热方式加热，替代了传统加热盘加热方式
- 6、高清人机界面，参数明朗显示
- 7、可更换各种形状模具（圆形、方形、异形模具等）
- 8、一人操作日产量 3500-5500 贴

1. Small equipment size, small floor area, affordable price, small investment;
2. The production power supply is 220 V, which can be used at home, safe and convenient
3. High precision digital weighing system, the drug weight can be set at 0.5-280 g per patch
4. Imported stainless steel is used in the pot. The pressure in the pot is monitored in real time to ensure safety. There is a stirring device at the bottom of the pot to ensure the paste is boiled evenly with a volume of 30L
5. The electromagnetic heating method is adopted to replace the traditional heating plate heating method
6. High definition man-machine interface, clear display of parameters
7. It can replace all kinds of molds (round, square, special-shaped molds, etc.)
8. The daily output of one person operation is 3500-5500 stickers



适合各种膏药
Various plasters



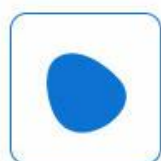
304不锈钢
304 steel



生产效率高
Efficient production



高清人机界面
Operation interface



适用各种模具
Various molds



温度检测
Temperature detection



恒定加热
Constant heating



精准称重
Accurate weighing

| 操作方法

Operation method

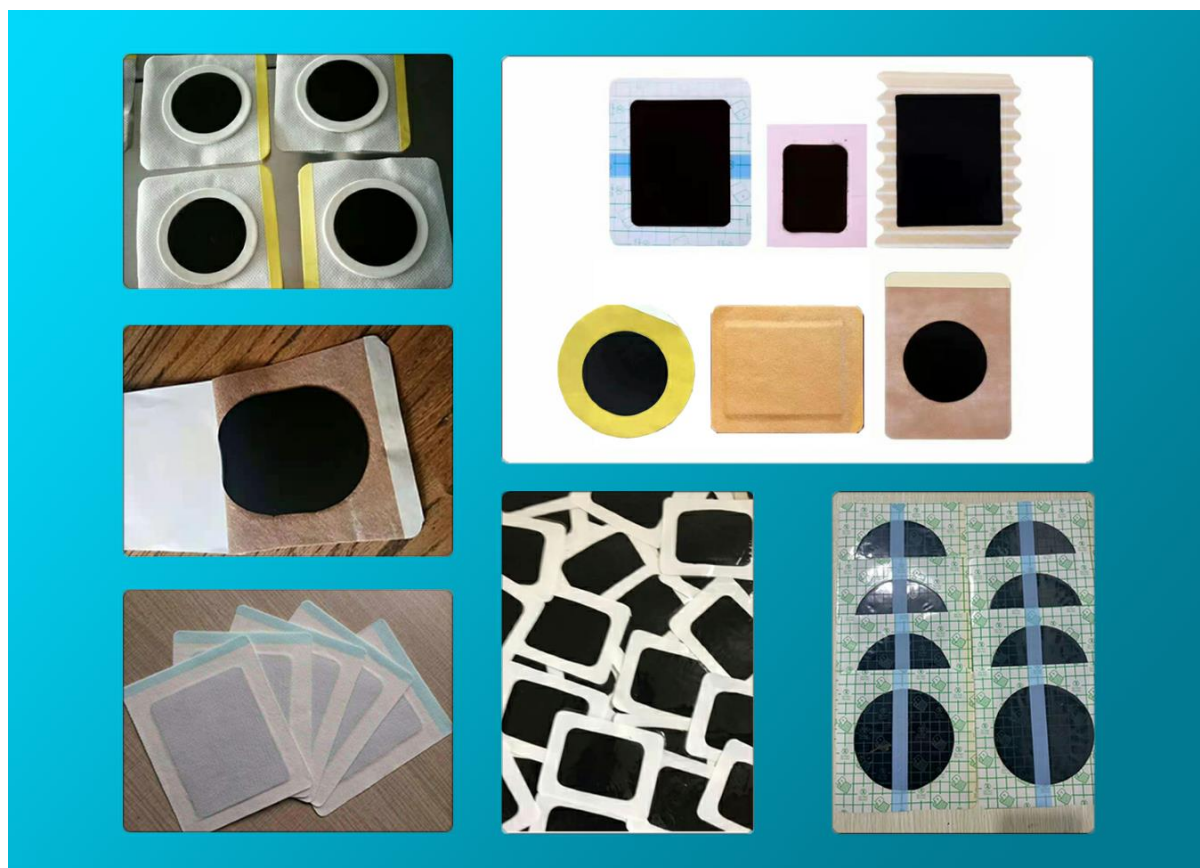


操作简单 生产高效

Operation is simple
& Efficient production

| 成品展示

Product display



GSPH-DZX180 全自动膏药滴注生产线

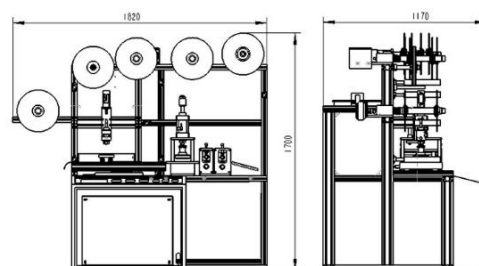
GSPH-DZX180 Automatic production line of plaster drip

概述:

GSPH-DZX180 全自动膏药滴注生产线由河南金石普惠科技有限公司普惠科技药贴设备研究中心设计制造, 适用于传统外敷膏药的生产, 提高了药贴的制造效率并减少工作人员劳动强度,使工作效率明显提高,主要大量用于药厂医院。

Overview:

GSPH-DZX180 Automatic production line of plaster drip is designed and manufactured by Pratt & Whitney medical equipment research center of Zhengzhou Jinshi Electrical Technology Co., Ltd. It is suitable for the production of traditional external plaster, improves the manufacturing efficiency of medical plaster, reduces the labor intensity of staff, and significantly improves the work efficiency. It is mainly used in pharmaceutical factories and hospitals.



| 技术参数

Technical parameter

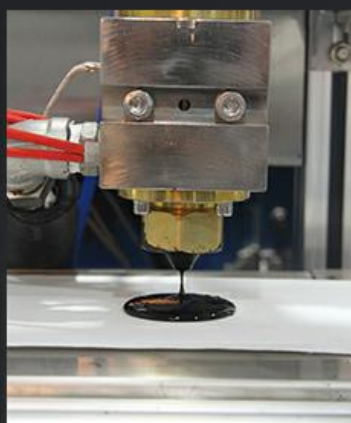
设备名称 Product name	全自动膏药滴注生产线 Automatic production line of plaster drip
规格型号 Type	GSPH-DZX180
外形尺寸 Size	1820mm*1170mm*1700mm
基质类型 Matrix type	黑膏药、热熔胶、松香膏药 Black plaster, hot melt adhesive, rosin plaster
基材类型 Substrate type	复合棉布、无纺布、PU防水膜、仿皮布 Composite cotton cloth, non-woven fabric, PU waterproof membrane, imitation leather cloth
药贴形状 Patch shape	任意形状 Any shape
基材最大宽度 Maximum width of base material	240mm
基材最大卷径 Maximum coil diameter of base material	400mm
基材卷芯内径 Inner diameter of base material core	3inches
滴注速度 Drip speed	15g/s
滴注精度 Drip precision	±0.2g
操作方式 Operation mode	自动、手动 Automatic, manual
电气控制 Electric control	PLC、伺服系统闭环控制 Closed loop control of PLC and servo system
温度控制 Temperature control	智能 PID 控制 Intelligent PID
生产效率 Production efficiency	10000-20000 片/天 Film/Sky
工作电压 Working voltage	AC220V
额定功率 Rated power	3Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈600Kg

| 设备特点

Equipment features

- 1、膏药机实现了全程自动化，无需人工操作
- 2、日产 10000-20000 片/天，效率高、满足骨科医院、膏药厂家等大批量客户生产需要
- 3、药重克数可任意设定为 0.5-100g/片、精度高
- 4、熬制锅采用恒温搅拌控制，保证膏药熬制均匀
- 5、PLC 采用知名厂家高性能可编程伺服控制器
- 6、高精度动态称重系统，高精度伺服驱动系统，线性张力控制系统，恒压成型，高速滚切
- 7、可更换各种形状模具（圆形、方形、异形模具等）

1. The plaster machine realizes the whole process automation without manual operation
2. Daily production of 10000-20000 tablets / day, high efficiency, meet the needs of mass production of orthopedic hospitals, plaster manufacturers and other customers
3. The drug weight gram can be arbitrarily set as 0.5-100g/tablet with high precision
4. The boiling pot is controlled by constant temperature stirring to ensure uniform boiling of plaster
5. PLC adopts high performance programmable servo controller from famous manufacturer
6. High precision dynamic weighing system, high precision servo drive system, linear tension control system, constant pressure forming, high speed hobbing
7. It can replace all kinds of molds (round, square, special-shaped molds, etc.)



自动滴注
药重克数可任意设定

Automatic infusion
Free setting of drug weight and gram



精密控制
高精度伺服控制系统

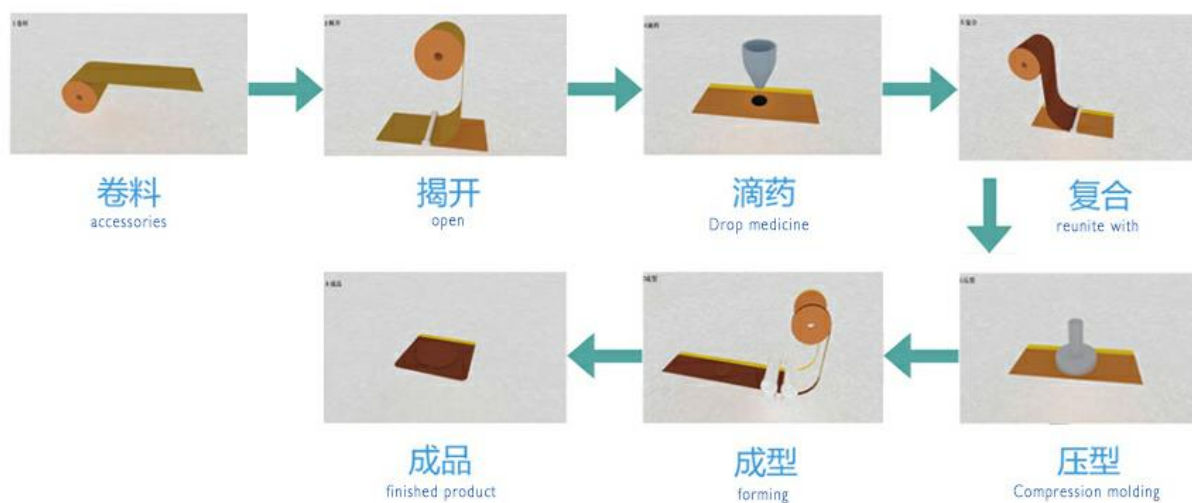
Precision control
High precision servo control system



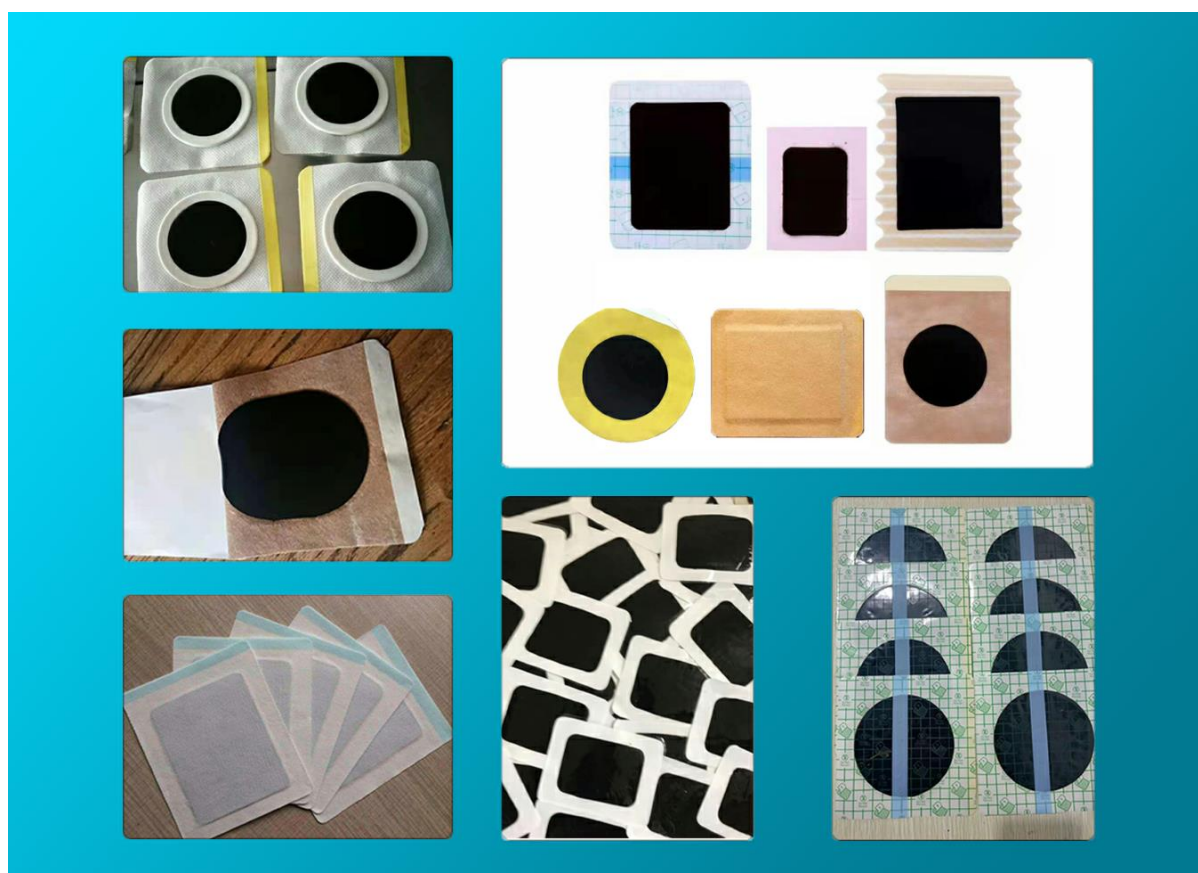
自动压片成型
恒压成型、高速滚切

Automatic molding
Constant pressure forming,
high speed roll cutting

| 工作原理 Working principle



| 成品展示 Product display



GSPH-TB230 涂布切片一体机

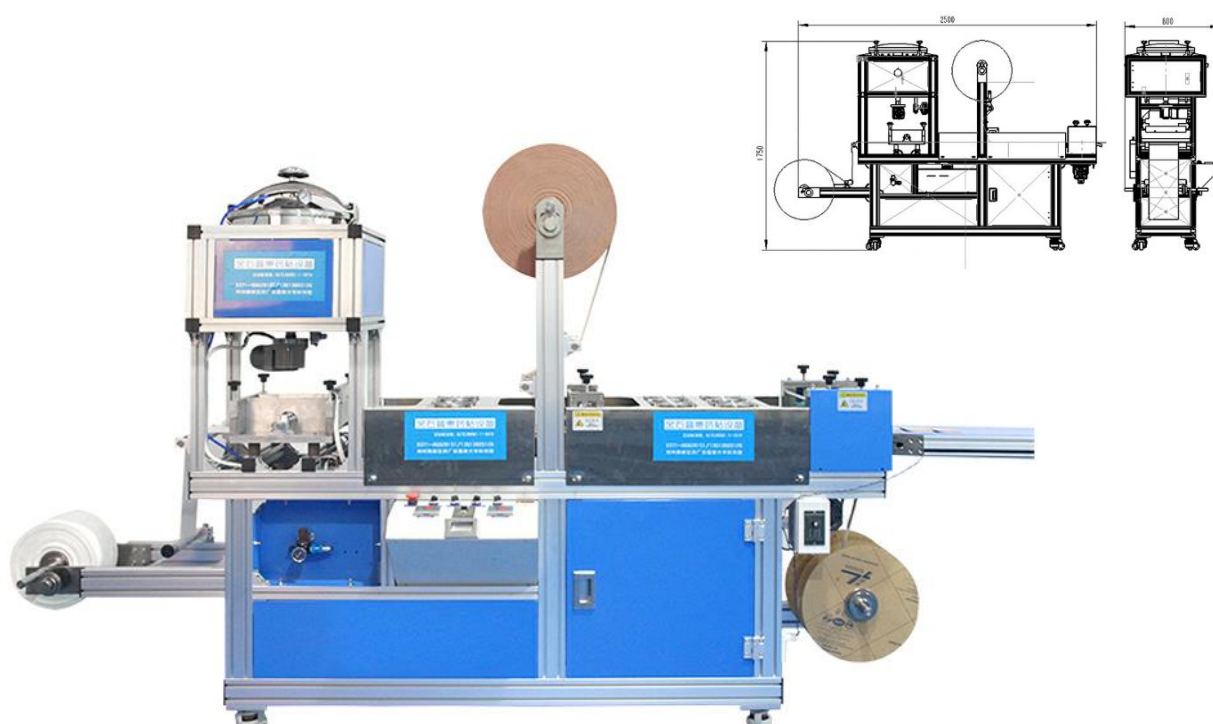
GSPH-TB230 Coating and slicing machine

概述:

GSPH-TB230 涂布切片一体机是在广泛吸取国内外同类产品技术基础上, 经过研制开发出的一代新的药贴涂布成型全自动化生产的设备。该设备从上卷、涂制、复合、滚切成型、输送一机自动完成。适用于传统外敷膏药、热熔胶和水凝胶药贴的生产, 其特点: 投资少, 占地面积小, 用人少, 人工不与药物接触, 自动化程度高, 提高了药贴的制造效率并减少工作人员劳动强度, 使工作效率明显提高, 是生产药贴厂家优选的设备。

Overview:

GSPH-TB230 Coating and slicing machine is a new generation of fully automatic production equipment for the coating and molding of drug stickers, which is developed on the basis of widely absorbing the technology of similar products at home and abroad. The equipment is automatic from winding, coating, compounding, rolling forming and conveying. It is suitable for the production of traditional external application plaster, hot melt adhesive and hydrogel paste. Its characteristics are: less investment, small occupying area, less manpower, artificial contact with drugs, high automation, improved manufacturing efficiency and reduced labor intensity of workers, and improved work efficiency. It is the preferred equipment for producing pharmaceutical paste manufacturers.



| 技术参数

Technical parameter

设备名称 Product name	涂布切片一体机 Coating and slicing machine
规格型号 Type	GSPH-TB230
外形尺寸 Size	2800mm*700mm*1800mm
基质类型 Matrix type	黑膏药、热熔胶、水凝胶 Black plaster, hot melt adhesive, hydrogel
基材类型 Substrate type	水刺无纺布、格拉辛纸、硅油纸、珠光膜 Spunlaced nonwovens, grazin paper, silicone paper, pearlescent film
药贴形状 Patch shape	任意形状 Any shape
基材最大宽度 Maximum width of base material	≤200mm
基材最大卷径 Maximum coil diameter of base material	600mm
基材卷芯内径 Inner diameter of base material core	3inches
涂布速度 Coating speed	8m/min
涂布厚度 Coating thickness	> 0.1mm
涂布方式 Coating mode	刮涂 Scraping
电气控制 Electric control	PLC、伺服系统闭环控制 Closed loop control of PLC and servo system
温度控制 Temperature control	智能 PID 控制 Intelligent PID
生产效率 Production efficiency	26000-35000 片/天 Film/Sky
工作电压 Working voltage	AC220V50Hz
额定功率 Rated power	2Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈380Kg

| 设备特点

Equipment features

- 1、公司研发的熬制、涂布、切片一体的膏药机器设备，技术先进，全程自动化。
- 2、膏药涂制厚度均匀、宽度可根据需要调整、表面光滑、平整、油亮，无任何 凸凹及缺涂现象
- 3、功率 2KW,耗能低 多功能的一台设备可以制作艾草巴布贴，颈椎贴，膝盖贴，乳腺贴
- 4、根据药贴尺寸，药芯越小，效率越高，日产26000-35000贴
- 5、产品尺寸误差小于2%，贴片位置误差小于3%，成品率高达99%
- 6、设备运行基本无噪音，可改善工作环境。

1. The company's research and development of boiling, coating, slicing plaster machine equipment, advanced technology, full automation.
2. The thickness of the plaster is uniform, the width can be adjusted according to the needs, the surface is smooth, smooth and glossy, without any convex concave and missing coating phenomenon
3. Power 2kw, low energy consumption, a multi-functional equipment can make moxa grass Babu paste, cervical paste, knee paste, breast paste
4. According to the patch size, the smaller the core, the higher the efficiency, 26000-35000 patches per day
5. The product size error is less than 2%, the position error is less than 3%, and the yield is up to 99%
6. The operation of the equipment is basically noise free, which can improve the working environment.

熬制 Boiling

熬制锅采用恒温搅拌控制，保证膏药熬制均匀



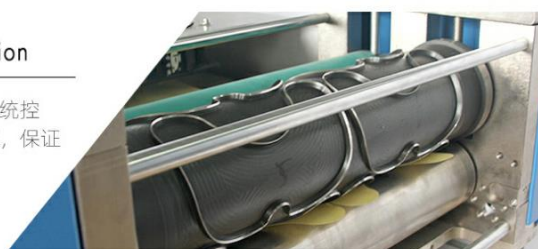
Coating 涂布

膏药涂制厚度均匀、涂制的膏药表面光滑平整

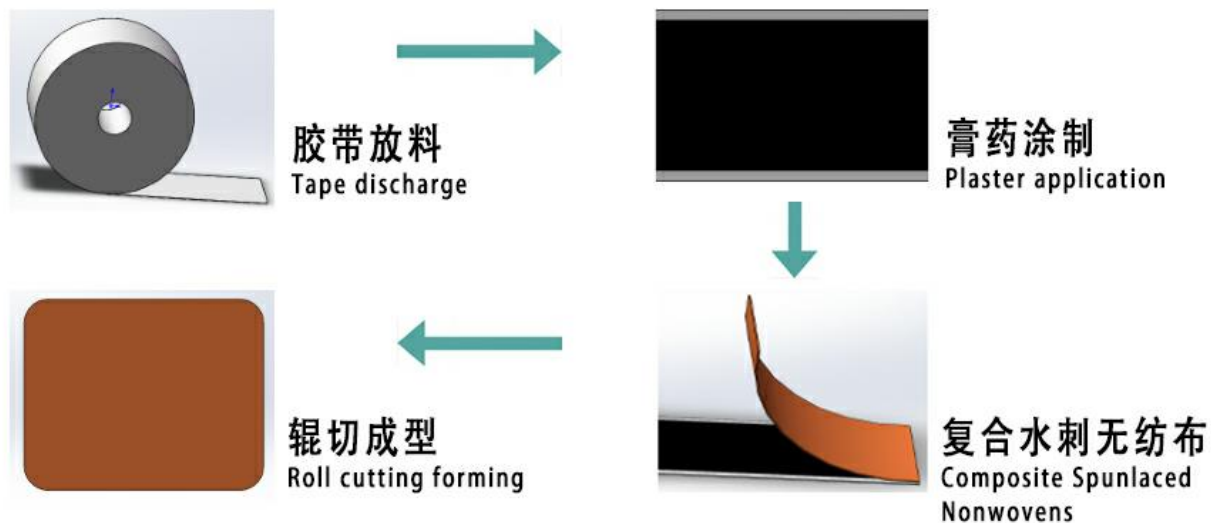


切片 Section

辊刀受伺服系统控制，裁切精准，保证产品质量



| 工作原理 Working principle



| 成品展示 Product display



GSPH-TB400 涂布切片一体机

GSPH-TB400 Coating and slicing machine

概述:

GSPH-TB400 涂布切片一体机是在广泛吸取国内外同类产品技术基础上, 经过研制开发出的一代新的药贴涂布成型全自动化生产的设备。该设备从上卷、涂制、复合、滚切成型、输送一机自动完成。适用于传统外敷膏药、热熔胶和水凝胶药贴的生产, 其特点: 投资少, 占地面积小, 用人少, 人工不与药物接触, 自动化程度高, 提高了药贴的制造效率并减少工作人员劳动强度, 使工作效率明显提高, 是生产药贴厂家优选的设备。

Overview:

GSPH-TB400 Coating and slicing machine is a new generation of fully automatic production equipment for the coating and molding of drug stickers, which is developed on the basis of widely absorbing the technology of similar products at home and abroad. The equipment is automatic from winding, coating, compounding, rolling forming and conveying. It is suitable for the production of traditional external application plaster, hot melt adhesive and hydrogel paste. Its characteristics are: less investment, small occupying area, less manpower, artificial contact with drugs, high automation, improved manufacturing efficiency and reduced labor intensity of workers, and improved work efficiency. It is the preferred equipment for producing pharmaceutical paste manufacturers.



| 技术参数

Technical parameter

设备名称 Product name	涂布切片一体机 Coating and slicing machine
规格型号 Type	GSPH-TB400
外形尺寸 Size	2800mm*1200mm*1800mm
基质类型 Matrix type	黑膏药、热熔胶、水凝胶 Black plaster, hot melt adhesive, hydrogel
基材类型 Substrate type	水刺无纺布、格拉辛纸、硅油纸、珠光膜 Spunlaced nonwovens, grazin paper, silicone paper, pearlescent film
药贴形状 Patch shape	任意形状 Any shape
基材最大宽度 Maximum width of base material	≤400mm
基材最大卷径 Maximum coil diameter of base material	600mm
基材卷芯内径 Inner diameter of base material core	3inches
涂布速度 Coating speed	8m/min
涂布厚度 Coating thickness	> 0.1mm
涂布方式 Coating mode	刮涂 Scraping
电气控制 Electric control	PLC、伺服系统闭环控制 Closed loop control of PLC and servo system
温度控制 Temperature control	智能 PID 控制 Intelligent PID
生产效率 Production efficiency	66000-85000 片/天 Film/Sky
工作电压 Working voltage	AC220V50Hz
额定功率 Rated power	2Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈550Kg

| 设备特点

Equipment features

- 1、公司研发的熬制、涂布、切片一体的膏药机器设备，技术先进，全程自动化。
- 2、膏药涂制厚度均匀、宽度可根据需要调整、表面光滑、平整、油亮，无任何 凸凹及缺涂现象
- 3、功率 2KW,耗能低 多功能的一台设备可以制作艾草巴布贴，颈椎贴，膝盖贴，乳腺贴
- 4、根据药贴尺寸，药芯越小，效率越高，日产66000-85000贴
- 5、产品尺寸误差小于2%，贴片位置误差小于3%，成品率高达99%
- 6、设备运行基本无噪音，可改善工作环境。

1. The company's research and development of boiling, coating, slicing plaster machine equipment, advanced technology, full automation.
2. The thickness of the plaster is uniform, the width can be adjusted according to the needs, the surface is smooth, smooth and glossy, without any convex concave and missing coating phenomenon
3. Power 2kw, low energy consumption, a multi-functional equipment can make moxa grass Babu paste, cervical paste, knee paste, breast paste
4. According to the patch size, the smaller the core, the higher the efficiency, 66000-85000 patches per day
5. The product size error is less than 2%, the position error is less than 3%, and the yield is up to 99%
6. The operation of the equipment is basically noise free, which can improve the working environment.

熬制 Boiling

熬制锅采用恒温搅拌控制，保证膏药熬制均匀



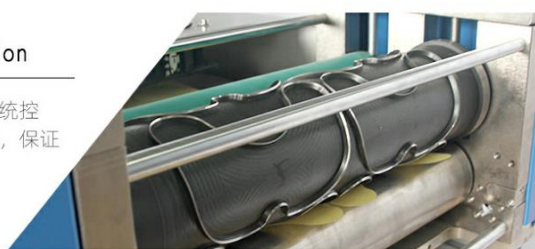
Coating 涂布

膏药涂制厚度均匀、涂制的膏药表面光滑平整



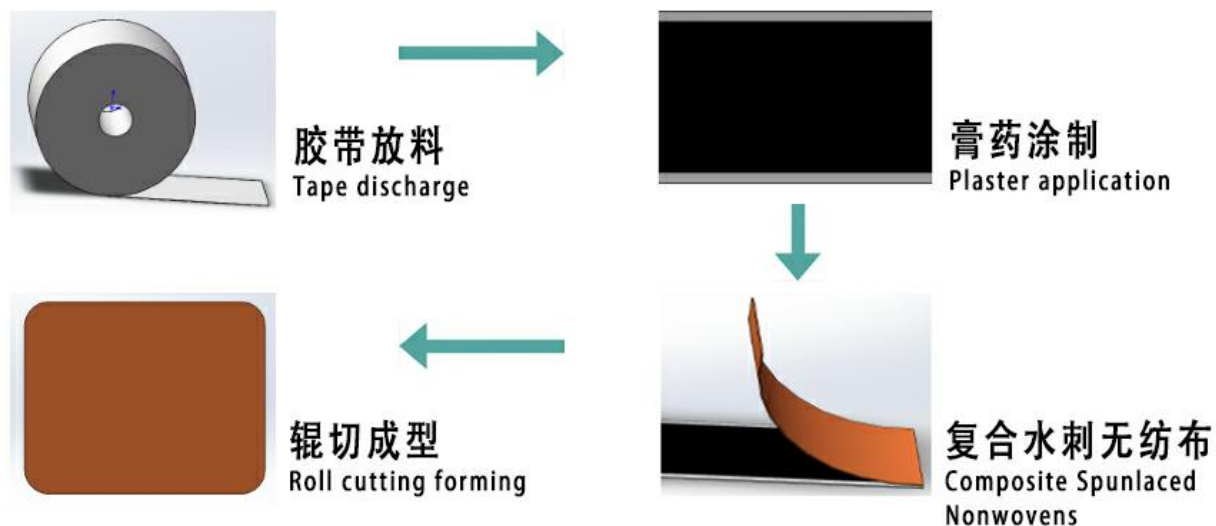
切片 Section

辊刀受伺服系统控制，裁切精准，保证产品质量



| 工作原理

Working principle



| 成品展示

Product display



GSPH-TP 全自动贴片机

GSPH-TP Automatic placement machine

概述:

GSPH-TP 全自动贴片机, 是在广泛吸取国内外同类产品技术基础上, 经过河南金石普惠科技有限公司研制开发出的一代新的药贴全自动化生产的设备。该设备从上卷、剥离、药芯贴合、复合、滚切成型、输送一机自动完成。其特点: 投资少, 占地面积小, 用人少, 人工不与药物接触, 自动化程度高, 见效快, 用于医疗行业外敷药贴的生产。

本设备在药贴生产流程中的成型环节使用, 配套设备有膏药熬制搅拌锅、涂制分切生产线、包装生产线等, 可根据实际需求来选择配套生产线。

适用产品有常规的托片、传统药贴、及磁治疗贴等, 产品尺寸范围20~180MM, 可根据需求订制

Overview:

GSPH-TP Automatic placement machine is a new generation of fully automatic patch production equipment developed by Henan Jinshi Pratt & Whitney Technology Co., Ltd. on the basis of widely absorbing the technology of similar products at home and abroad. The equipment is automatically completed from winding, stripping, core laminating, laminating, rolling forming and conveying. Its characteristics: less investment, small area, less personnel, no contact with drugs, high degree of automation, quick effect, used in the production of external medicine patches in the medical industry.

This equipment is used in the forming process of the paste production process. The supporting equipment includes plaster boiling mixing pot, coating cutting production line, packaging production line, etc. the supporting production line can be selected according to the actual demand.

Applicable products include conventional tablet, traditional medicine patch, and magnetic treatment patch, etc. the product size range is 20 ~ 180mm, which can be customized according to the demand



| 技术参数

Technical parameter

设备名称 Product name	全自动贴片机 Automatic placement machine
规格型号 Type	GSPH-TP
外形尺寸 Size	2000mm*1000mm*2200mm
药贴类型 Medicine patch type	传统药贴、磁疗贴、巴布贴、防渗圈药贴等 Traditional medicine stick, magnetic therapy stick, Babu stick, anti-seepage circle medicine stick, etc
基材类型 Substrate type	水刺无纺布、格拉辛纸、硅油纸、珠光膜 Spunlaced nonwovens, grazin paper, silicone paper, pearlescent film
药贴形状 Patch shape	任意形状 Any shape
基材最大宽度 Maximum width of base material	190mm
模切最大宽度 Maximum width of die cutting	180mm
基材最大卷径 Maximum coil diameter of base material	500mm
基材卷芯内径 Inner diameter of base material core	3inches
纠偏方式 Rectification method	超声波纠偏 Ultrasonic rectification
操作方式 Operation mode	自动、手动 Automatic, manual
电气控制 Electric control	PLC、伺服系统闭环控制 Closed loop control of PLC and servo system
张力控制 Tension control	磁粉控制 Magnetic powder control
最高模切速度 Maximum die cutting speed	50m/min
工作电压 Working voltage	AC220V
额定功率 Rated power	4Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈900Kg

| 设备特点

Equipment features

- 1、本机物料接触部分采用304不锈钢，刀具采用高标材料，控制元件和执行元件（气缸）采用国产SNS元件；
- 2、本机采用主伺服电机带动模切，送料伺服电机，做到精确送料，提高产品规格；放料轴配有磁粉制动，收卷轴有磁粉离合，精确控制料卷的张力，确保材料在设备运行中稳定，减少拉伸变形；自动纠偏控制保证材料运行不跑偏，设备运行平稳，产品成品率高；
- 3、本机在设备放料轴部分配有光电检测开关，自动检测物料的有无，通过报警和自动暂时停机，以方便及时更换物料；
- 4、设备采用PLC微电脑控制，10寸触摸屏操作，简单方便；
- 5、本机从胶带揭开、药芯贴合、外保护纸复合一次贴合辊切成型，方便快捷。

1. The material contact part of the machine is made of 304 stainless steel, the cutting tool is made of high standard material, and the control element and executive element (cylinder) are made of domestic SNS element;

2. The machine adopts the main servo motor to drive the die cutting and the feeding servo motor to achieve accurate feeding and improve the product specifications; the discharging shaft is equipped with magnetic powder brake, and the winding shaft is equipped with magnetic powder clutch to accurately control the tension of the material coil, so as to ensure the stability of the material in the operation of the equipment and reduce the tensile deformation; the automatic deviation correction control ensures that the material does not run deviation, the equipment runs smoothly, and the product yield is high;

3. This machine is equipped with a photoelectric detection switch at the discharge shaft of the equipment, which can automatically detect the presence or absence of materials. Through alarm and automatic temporary shutdown, it is convenient to replace materials in time;

4. The equipment adopts PLC microcomputer control, 10 Inch Touch screen operation, simple and convenient;

5. This machine is convenient and fast, which can be formed by uncovering the tape, laminating the core and laminating the outer protective paper with laminating roll.



适合各种药贴
Various plasters



伺服控制
Servo control

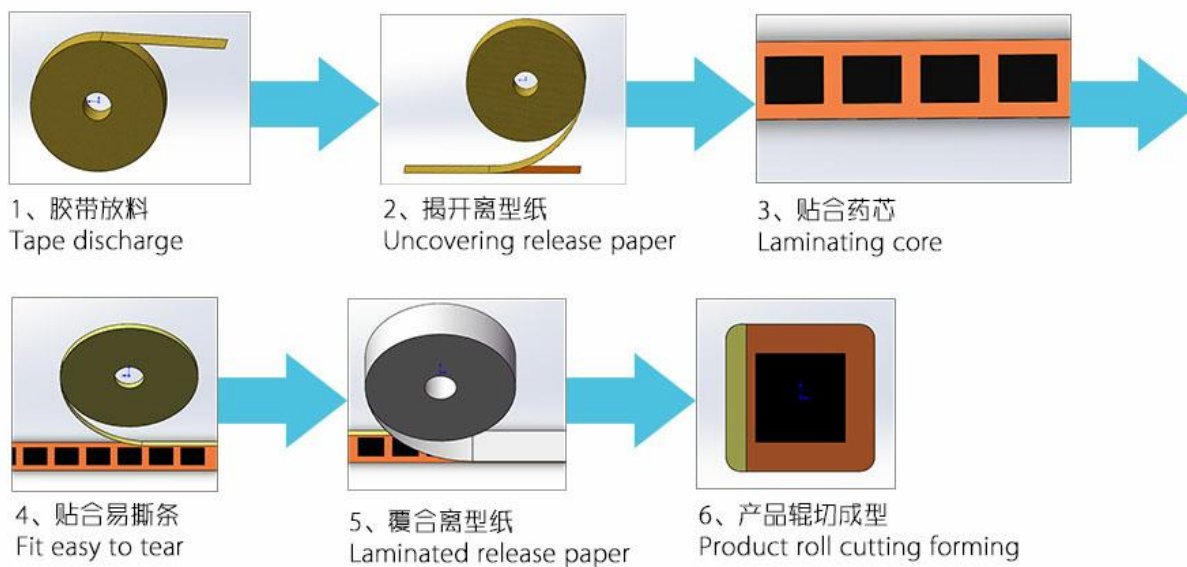


生产效率高
Efficient production



自动纠偏
Automatic deviation correction

| 工作原理 Working principle



| 成品展示 Product display



GSPH-SJTU-360\540 标准凝胶涂布模切生产线

GSPH-SJTU-360\540 Standard gel coated die cutting production line

概述:

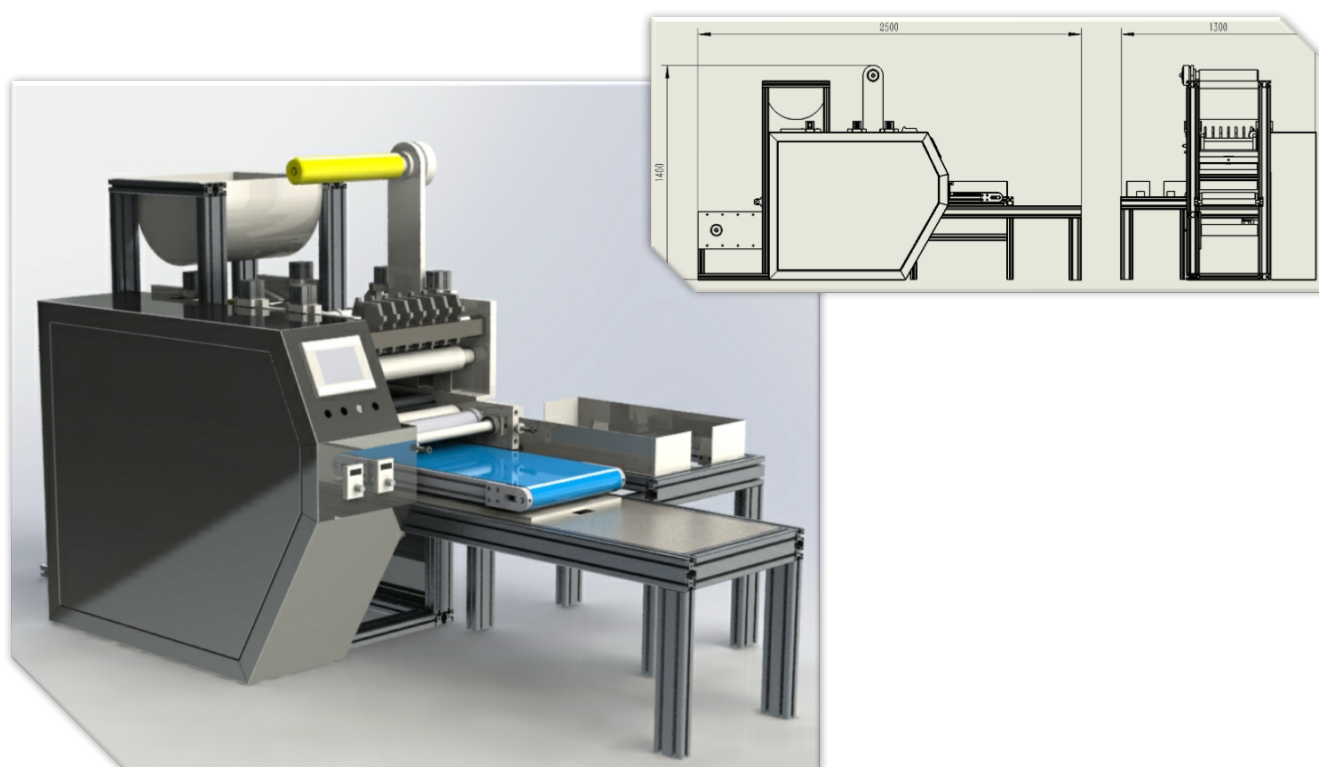
凝胶生产线系列分为：标准涂布模切生产线和非标涂布模切生产线。

GSPH-SJTU-360\540 标准凝胶涂布模切生产线主要用于生产止咳贴、退热贴、降温贴等医用冷敷贴产品，是在广泛吸取国内外同类产品技术基础上，经过研制开发出的一代新的水凝胶涂布的设备。该设备从放卷、水凝胶供料、辊涂、复合、压型，分切成品自动完成。其特点：投资少，占地面积小，用人少，人工不与药物接触，自动化程度高，见效快，是生产药贴厂家优选的设备。

Overview:

Gel production line series are divided into: standard coating die cutting production line and non-standard coated die-cutting production line.

GSPH-SJTU-360\540 standard gel coating die cutting production line is mainly used for the production of cough cold patch, antipyretic stickers, cooling paste and other medical cold compress products. It is a new generation of hydrogel coating equipment developed and widely developed on the basis of widely absorbing similar products technology at home and abroad. The equipment is automatically completed from unwinding, hydrogel feeding, roller coating, compounding, pressing and cutting. Its characteristics: less investment, small area, less personnel, no contact with drugs, high degree of automation, quick effect, it is the preferred equipment for drug patch manufacturers.



| 技术参数

Technical parameter

设备名称 Product name	标准凝胶涂布模切生产线 Gel coated die cutting production line
规格型号 Type	GSPH-SJTU-360\540
外形尺寸 Size	2500mm*1300mm*1400mm
药贴类型 Medicine patch type	止咳贴、退热贴、降温贴等医用冷敷贴产品 Antitussive paste, antipyretic paste, cooling paste and other medical cold compress products
基材类型 Substrate type	无纺布、珠光膜 Non woven fabric ,pearlescent film
药贴形状 Patch shape	长方形 Rectangle
涂布宽度 Coating width	50-500mm
涂布厚度 Coating thickness	1-3mm
基材最大卷径 Maximum coil diameter of base material	600mm
基材卷芯内径 Inner diameter of base material core	3inches
纠偏方式 Rectification method	自动纠偏 Automatic deviation correction
操作方式 Operation mode	自动、手动 Automatic, manual
电气控制 Electric control	PLC、伺服系统闭环控制 Closed loop control of PLC and servo system
张力控制 Tension control	磁粉控制 Magnetic powder control
最高模切速度 Maximum die cutting speed	0-10m/min
工作电压 Working voltage	AC220V
额定功率 Rated power	3Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈500Kg

| 设备特点

Equipment features

- 1) 本机物料接触部分采用304不锈钢和聚四氟乙烯材料，控制元件和执行元件（气缸）采用国产S NS元件；符合GMP规范要求。
- 2) 本机涂布方式采用辊涂方式，涂布厚度0.1mm-3mm可调，涂布速度0-10米/分钟。
- 3) 三伺服控制，在压型、裁切、接料三组机构上采用伺服控制系统，使设备在使用功能上更加灵活，增加了设备运行的稳定性，压型和滚切配合度高，精度高，速度快。不仅为客户解决浪费问题，还在操作上达到省人工。
- 4) 放料轴配有磁粉制动，收卷轴有磁粉离合，精确控制料卷的张力，确保材料在设备运行中稳定，减少拉伸变形；
- 5) 本机在设备放料轴部分配有光电检测开关，自动检测物料的有无，通过报警和自动暂时停机，以方便及时更换物料；
- 6) 采用模块式更换压花轴，只需把整套压花轴更换下来，再换一根要做产品的压花轴即可。节省时间，方便快捷。
- 7) 任意长度生产：可实现在无花轴状态下进行任意长度生产
- 8) 产量计算：生产速度可通过触摸屏设置，可以准确的计算生产能力。
- 9) 设备采用PLC微电脑控制，10寸触摸屏操作，简单方便；
- 10) 自动接片：一次可接30-48片（以50*120的退热贴为例）操作简单、故障率低、在传统模式下人工接片的需要4至5人操作设备，使用自动接片机只需要2人操作。

- 1) The material contact part of the machine is made of 304 stainless steel and polytetrafluoroethylene, and the control element and actuator (cylinder) are made of domestic SNS element; It meets the requirements of GMP.
- 2) The coating method of this machine is roller coating, the coating thickness is adjustable from 0.1 mm to 3 mm, and the coating speed is 0-10 M / min.
- 3) Three servo control. The servo control system is used in the three groups of mechanism of pressing, cutting and material receiving, which makes the equipment more flexible in use function, increases the stability of equipment operation, and has high matching degree, high precision and fast speed of pressing and rolling. Not only solve the waste problem for customers, but also save labor in operation.
- 4) The discharge shaft is equipped with magnetic powder brake, and the take-up shaft is equipped with magnetic powder clutch to accurately control the tension of the material coil, so as to ensure the stability of the material in the operation of the equipment and reduce the tensile deformation;
- 5) This machine is equipped with a photoelectric detection switch at the discharge shaft of the equipment, which can automatically detect the presence or absence of materials. Through alarm and automatic temporary shutdown, it is convenient to replace materials in time;
- 6) The modular replacement of the embossing shaft only needs to replace the whole set of embossing shaft, and then replace it with the one to be made. Save time, convenient and fast.
- 7) Production of any length: production of any length can be realized under the condition of no flower shaft
- 8) Output calculation: the production speed can be set through the touch screen, which can accurately calculate the production capacity.
- 9) The equipment adopts PLC microcomputer control, 10 Inch Touch screen operation, simple and convenient;
- 10) Automatic splicing: 30-48 pieces can be spliced at one time (take 50 * 120 antipyretic paste as an example) with simple operation and low failure rate. In the traditional mode, manual splicing requires 4-5 people to operate the equipment, and only 2 people to operate the automatic splicing machine.



适合各种药贴
Various plasters



伺服控制
Servo control

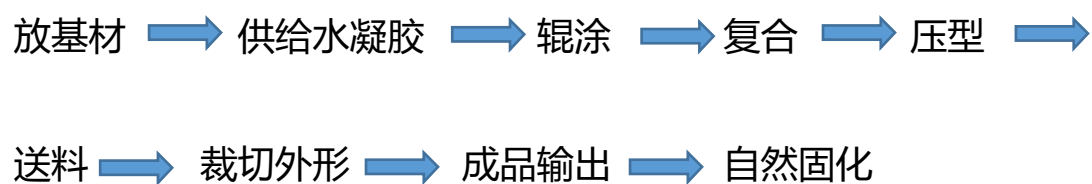


生产效率高
Efficient production

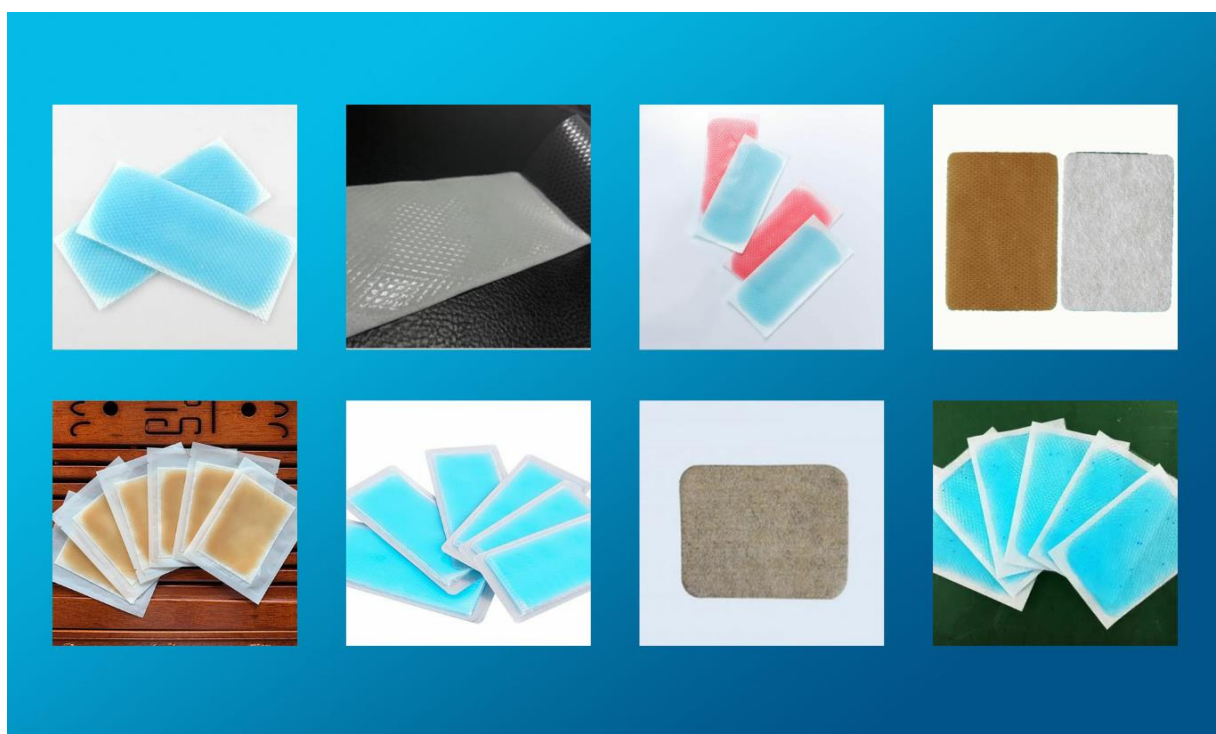


自动纠偏
Automatic deviation correction

| 工作原理 Working principle



| 成品展示 Product display



GSPH-SJTU-N 非标凝胶涂布模切生产线

GSPH-SJTU-N Standard gel coated die cutting production line

概述:

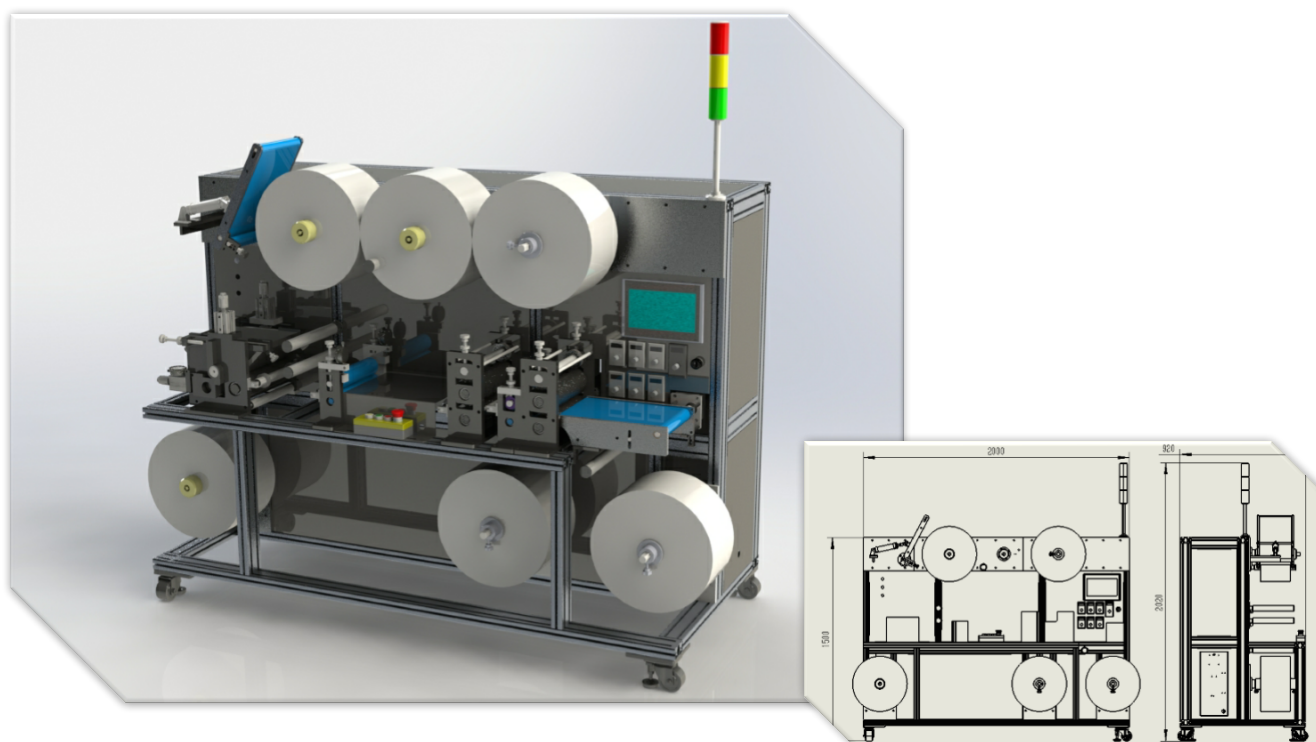
凝胶生产线系列分为：标准涂布模切生产线和非标涂布模切生产线。

GSPH-SJTU-N 非标凝胶涂布模切生产线用于生产面膜、眼贴、法令纹贴、额头贴、痘痘贴等产品，凝胶涂布模切机是在广泛吸取国内外同类产品技术基础上，经过研制开发出一代新的凝胶涂布模切的设备。该设备从放卷、凝胶供料、辊涂、复合、压型，分切成品自动完成。其特点：投资少，占地面积小，用人少，人工不与药物接触，自动化程度高，见效快，是生产药贴厂家优选的设备。

Overview:

Gel production line series are divided into: standard coating die cutting production line and non-standard coated die-cutting production line.

GSPH-SJTU-N non-standard gel coating die cutting production line is used for producing facial mask, eye paste, decree sticker, forehead paste, acne patch and other products. Gel coating die cutting machine is a new generation of gel coating die cutting equipment developed and widely absorbed on the basis of similar products technology both at home and abroad. The equipment is automatically completed from unwinding, gel feeding, roller coating, compounding, pressing and cutting. Its characteristics: less investment, small area, less personnel, no contact with drugs, high degree of automation, quick effect, it is the preferred equipment for drug patch manufacturers.



| 技术参数

Technical parameter

设备名称 Product name	非标凝胶涂布模切生产线 Non-standard coated die-cutting production line
规格型号 Type	GSPH-SJTU-N
外形尺寸 Size	2000mm*1000mm*1500mm
药贴类型 Medicine patch type	面膜、眼贴、法令纹贴、额头贴、痘痘贴等产品 Facial mask, eye paste, decree sticker, forehead paste, acne patch and other products.
基材类型 Substrate type	无纺布、珠光膜、纱网等 Non woven fabric, pearlescent film, yarn net, etc
药贴形状 Patch shape	任意形状 Any shape
涂布宽度 Coating width	0-200mm
涂布厚度 Coating thickness	0.1-3mm
基材最大卷径 Maximum coil diameter of base material	500mm
基材卷芯内径 Inner diameter of base material core	3inches
纠偏方式 Rectification method	自动纠偏 Automatic deviation correction
操作方式 Operation mode	自动、手动 Automatic, manual
电气控制 Electric control	PLC、伺服系统闭环控制 Closed loop control of PLC and servo system
张力控制 Tension control	磁粉控制 Magnetic powder control
最高模切速度 Maximum die cutting speed	0-15m/min
工作电压 Working voltage	AC220V
额定功率 Rated power	4Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈600Kg

| 设备特点

Equipment features

- 1) 本机物料接触部分采用 304 不锈钢和聚四氟乙烯材料，控制元件和执行元件（气缸）采用国产 SNS 元件；符合 GMP 规范要求。
- 2) 本机涂布方式采用刮涂（辊涂）方式，涂布厚度 0.1mm-3mm 可调，涂布速度 0-15 米/分钟。
- 3) 主动式放卷，完全同步主线速度，保证弹性材料不会拉伸变形。收放卷轴有磁粉离合，精确控制料卷的张力，确保材料在设备运行中稳定，减少拉伸变形；
- 4) 本机在设备放料轴部分配有光电检测开关，自动检测物料的有无，通过报警和自动暂时停机，以方便及时更换物料；
- 5) 设备采用 PLC 微电脑控制，多伺服驱动，10 寸触摸屏操作，简单方便；

- 1) The material contact part of the machine is made of 304 stainless steel and polytetrafluoroethylene, and the control element and actuator (cylinder) are made of domestic SNS element; It meets the requirements of GMP.
- 2) The coating mode of this machine is scraping (roller coating), the coating thickness is adjustable from 0.1 mm to 3 mm, and the coating speed is 0-15 M / min.
- 3) Active unwinding, fully synchronized with the main line speed, to ensure that the elastic material will not stretch deformation. Magnetic powder clutch is provided on the take-up and take-off reel to accurately control the tension of the material coil, ensure the stability of the material in the operation of the equipment and reduce the tensile deformation;
- 4) This machine is equipped with a photoelectric detection switch at the discharge shaft of the equipment, which can automatically detect the presence or absence of materials. Through alarm and automatic temporary shutdown, it is convenient to replace materials in time;
- 5) The equipment adopts PLC microcomputer control, multi servo drive, 10 Inch Touch screen operation, simple and convenient;



适合各种药贴
Various plasters



伺服控制
Servo control



生产效率高
Efficient production



自动纠偏
Automatic deviation correction

| 工作原理

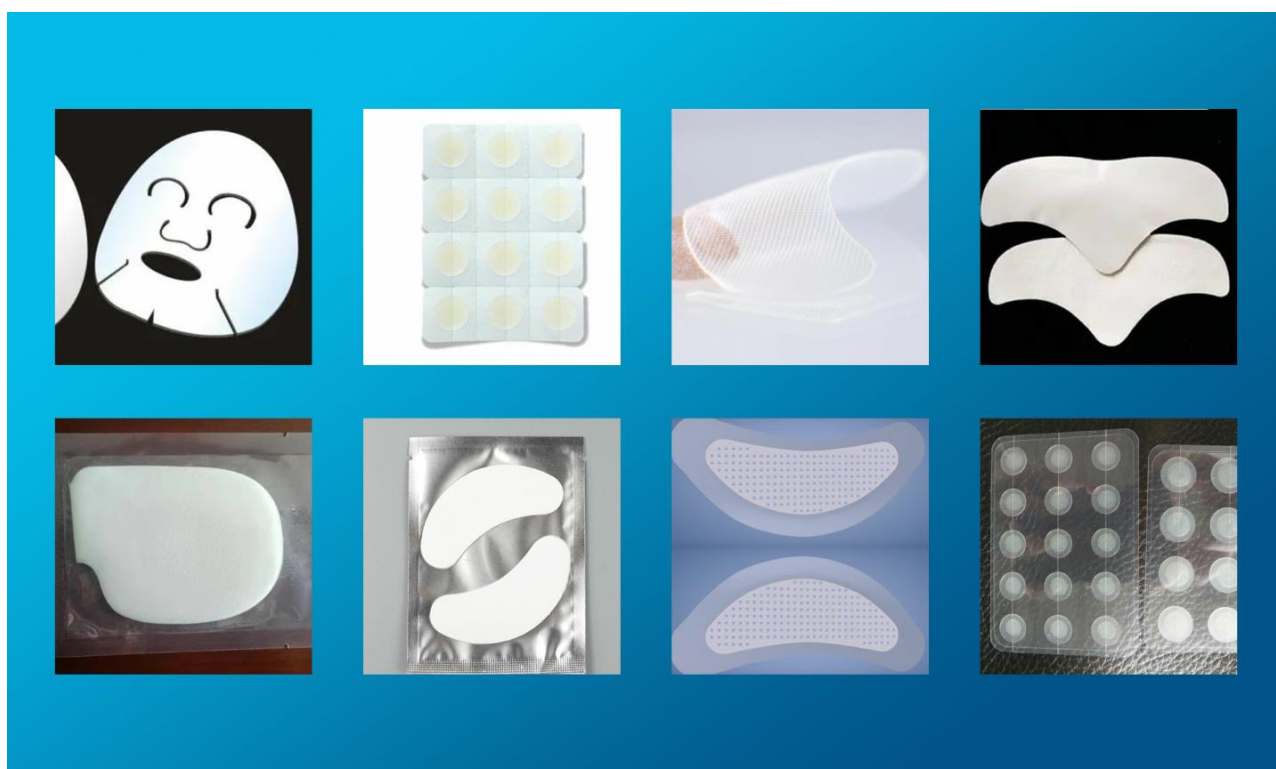
Working principle

放基材 → 供给凝胶 → 刮涂 → 复合 →

整型送料 → 模切成型（成品收卷） → 自然固化

| 成品展示

Product display



GSPH-ZNTP 智能贴片生产线

GSPH-ZNTP Intelligent patch production line

概述:

GSPH-ZNTP 智能贴片生产线由河南金石普惠科技有限公司药贴设备研究中心设计制造, 采用视觉检测, Delta机器人贴片, 滚刀切片成型。适用于中药贴剂的生产, 提高了中药贴剂的制造效率并减少工作人员劳动强度,使工作效率明显提高,主要大量用于药厂医院。

Overview:

GSPH-ZNTP The intelligent patch production line is designed and manufactured by the patch equipment research center of Henan Jinshi Pratt & Whitney Technology Co., Ltd. It adopts visual inspection, delta robot patch and hob slicing. It is applicable to the production of traditional Chinese medicine patches, improves the manufacturing efficiency of traditional Chinese medicine patches, reduces the labor intensity of staff, and significantly improves the work efficiency. It is mainly used in pharmaceutical factories and hospitals.



| 技术参数

Technical parameter

设备名称 Product name	智能贴片生产线 Intelligent patch production line
规格型号 Type	GSPH-ZNTP
外形尺寸 Size	4000mm*1000mm*1700mm
工作电压 Working voltage	AC380V , 50Hz
额定功率 Rated power	3Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈500Kg

| 设备特点

Equipment features

- 1、在线检测识别合格药芯和位置信息；
- 2、机器人高速、精准贴合药芯，无累计误差；
- 3、可移动收放料机构，方便工艺调试，缩短收放料距离，张力稳定；
- 4、吸附送料，弹性材料不变形，模切尺寸精准；
- 5、可储存多组工艺，方便灵活调机；
- 6、材料断料无料报警自动停机功能；方便快捷。

1. Online detection to identify qualified core and location information;
2. The robot fits the core accurately at high speed without cumulative error;
3. Movable material collection and release mechanism, convenient for process commissioning, shorten material collection and release distance and stable tension;
4. Adsorption feeding, no deformation of elastic materials, accurate die-cutting size;
5. It can store multiple groups of processes, which is convenient and flexible to adjust the machine;
6. Material cut-off and no material alarm automatic shutdown function; Convenient and fast.

GSPH-AZ200 膏药熬炼机

GSPH-AZ200 Plaster refiner

概述:

GSPH-AZ200 膏药熬炼机是我公司通过模仿人在熬制膏药的搅拌原理，进行研制开发的膏药生产工艺中代替人工的一种机器产品，可根据不同材质的膏药设定不同的温度，达到保温恒温的效果，是省人、省力、高效的新型设备。

该膏药熬炼机采用电加热导热油给膏药加热的形式，备有电子测温仪，随时掌握膏药熬制温度，其主要采用上压下翻的搅拌形式，使膏药快速搅拌均匀。另外膏药熬制机可与涂制机对接实现人工或自动送药，大大节省了人力物力的投入，同时也改善了工作环境。

Overview:

GSPH-AZ200 Plaster refining machine is a machine product developed by our company by imitating the mixing principle of people in preparing plaster. It can set different temperatures according to the plaster of different materials to achieve the effect of heat preservation and constant temperature. It is a new type of equipment with labor-saving, labor-saving and high efficiency.

The plaster refining machine adopts the form of heating the plaster by electrically heating the heat transfer oil, and is equipped with an electronic thermometer to master the plaster preparation temperature at any time. It mainly adopts the mixing form of pressing up and turning down to make the plaster stir quickly and evenly. In addition, the plaster boiling machine can be connected with the coating machine to realize manual or automatic drug delivery, which not only greatly saves the investment of human and material resources, but also improves the working environment. hospitals.



| 技术参数

Technical parameter

设备名称 Product name	膏药熬炼机 Plaster refiner
规格型号 Type	GSPH-AZ200
外形尺寸 Size	1300mm*1000mm*1550mm
锅体材质 Pot material	不锈钢 Stainless steel
保温方式 Insulation mode	双层、厚度20mm Double layer, 20mm thick
加热方式 Heating mode	电加热（介质导热油） Electric heating medium (heat transfer oil)
工作效率 Work efficiency	80—200Kg/1h
工作电压 Working voltage	AC220V/380V
额定功率 Rated power	15Kw
工作气压 Working pressure	0.6Mpa
设备重量 Weight	≈200Kg

| 配套设施

Supporting facility

- 1、额外配置：台阶机架（方便工人加料以及观察药罐内部情况）
- 2、输胶管配置：3m 软管 1 条

1. Additional configuration: step rack (convenient for workers to feed and observe the internal conditions of medicine tank)
2. Rubber hose configuration: 1 3M hose