服务至上
Best Service

共同成长
Growth Together

创造价值
Create Value

携手共赢
Win-Win Together

广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

Contact us

FLEX MACHINERY CO.,LTD

ADD:NO. 8Road ,Qixing Industrial Area, Nanhai,Foshan City,China.

Web:https://flexmachinery.en.alibaba.com/

Wechat /Whatsapp:+8613527864676

Email:lucyxie@flexmachinery.com

广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

COMPANY PROFILE
公司简介

Guangdong FLEX Machinery Co., Ltd. has 18 years of experience in various adhesive machinery lines.We are professional in providing machinery equipment and formula technology service together.

PSA Pillow Hot melt Adhesive Packaging Machinery Line,EVA Stick Hot melt Adhesive Machinery Production Line,PUR Hot Melt Adhesive Lamination Machine,Water Base Acrylic Adhesive Machine Line,Alkyd Resin Machine Production Line,Silicone Sealant/MS Sealant Machine Line,Shoes Grafted Adhesive Machine Line,Reactor Mixer.

广东FLEX机械有限公司在各类胶粘剂机械设备领域拥有18年的经验。我们专业提供机械设备及配方技术服务。

PSA 布枕热熔胶包装生产线，EVA 粘性热熔胶生产线，PUR 热熔胶复合机，水基丙烯酸胶生产线，醇酸树脂生产线，硅酮密封胶密封胶生产线，鞋类贴合胶生产线，反应釜混合机。

广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

目录Catalogue

Reactor Mixer Introduction
反应釜设备简介 ····· 01

Reactor Installation And Engineer
反应釜安装工程展示 ····· 04

Hot Melt Adhesive Production Line Machine
热熔胶生产线设备 ····· 05

PSA Block Hot Melt Adhesive Production Line Machine
块状热熔胶生产线设备 ····· 07

EVA Stick Hot Melt Adhesive Production Line Machine
条状热熔胶生产线设备 ····· 09

Granular Hot Melt Adhesive Production Line Machine
粒状热熔胶生产线设备 ····· 11

PUR Hot Melt Adhesive Production Line Machine
PUR热熔胶生产线设备 ····· 13

PSA Pillow Hot Melt Adhesive Production Line Machine
PSA枕型热熔胶生产线设备 ····· 15

Water base Acrylic Adhesive BOPP Machine Line
水性丙烯酸生产线设备 ····· 17

Grafted Adhesive/ Neoprene/Chloroprene Adhesive Glue/PU Adhesive Glue Machine Line
接枝胶•氯丁胶•PU鞋胶生产线设备 ····· 19

Alkyd Resin / Unsaturated Resin / Epoxy Resin Production Line Machine Line
醇酸树脂/不饱和树脂/环氧树脂生产线设备 ····· 21

Neutral /Acidic Silicone Sealant Production Line Machine Line
中性/酸性硅酮密封胶生产线设备 ····· 23

Full Automatic Filling Machine
硅酮密封胶灌装机设备 ····· 27

Lab 50L-100L Reactor For Hot Melt Adhesive Testing Formula
热熔胶反应釜试验机 ····· 29

Container Loading
装柜 ····· 30

Customer Vitness
客户见证 ····· 31

Reactor Mixer Introduction
反应釜设备简介 ❯❯❯

1) Reactors are widely used in the production of medicines, pesticides, food, coatings, resins, paints, and daily chemicals.
反应釜广泛应用与药品、杀虫剂、食品、涂料、树脂、油漆以及日常化学品的生产中。

2) Different materials are stirred, mixed, heated, cooled and subjected to vacuum treatment to facilitate their reaction.
不同的材料经过搅拌、混合、加热、冷却以及真空处理等工序，促进其反应。

3) The reactor consists of ：kettle body, transmission device, stirring paddle device, heating system, cooling system and sealing device.
反应釜由釜体、传动装置、搅拌桨装置、加热系统、冷却系统和密封装置组成。

4) Complementary auxiliary equipment: raw material storage tanks, finished product storage tanks, high - level measuring tanks, condenser, cooler, water separator, collector, filters, measuring instruments etc.
配套辅助设备：原材料储罐、成品储罐、高位计量罐、冷凝器、冷却器、水分离器、收集器、过滤器、测量仪器等。

5) Supporting system: heating system, cooling system, vacuum system, feeding and discharging system, etc.
配套系统：加热系统、冷却系统、真空系统、进料出料系统等。

夹套反应釜
JACKET REACTOR

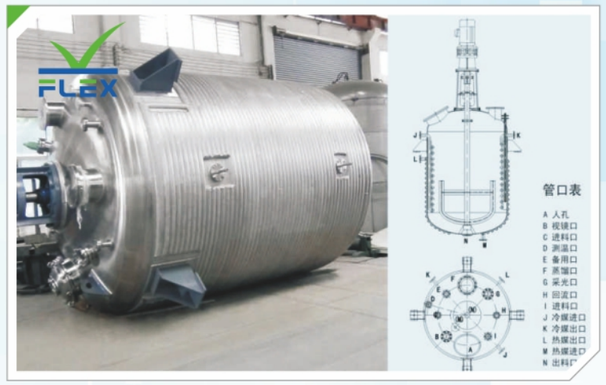
The role of the outer half pipe can be used for heating or cooling function.

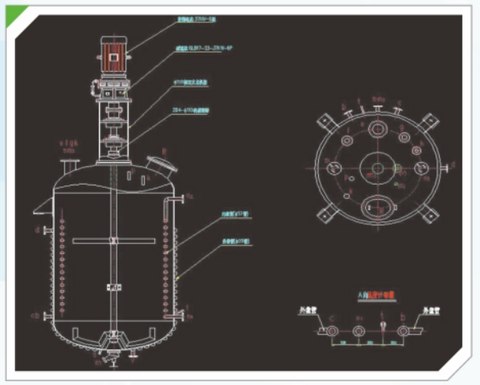




广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

外盘管反应釜
EXTERNAL HALF COIL REACTOR







Technical Parameters and Structure
技术参数与结构 ›››

型号	规格	设计容量 (L)	筒体直径 (mm)	外盘管传热面积 (m^2)	内盘管传热面积 (m^2)	电动机功率 (kw)
FLEX-001	1000	1100	1100	2.867	2.6	5.5-11
FLEX-002	2000	2200	1300	4.165	3.8	11-22
FLEX-003	3000	3300	1500	5.569	5.4	18.5-30
FLEX-004	4300	4800	1700	7.165	6.5	30-45
FLEX-005	6000	6600	1800	10.323	8.7	37-55
FLEX-006	10000	11000	2200	50.345	10.9	75-90
FLEX-007	15000	16000	2600	72.345	14.35	90-110

1) Reaction temperature：-20℃~350℃ 反应温度

2) Reaction Pressure：-0.1~1.6Mpa 反应压力

3) Inclined Paddle: suitable for mixinglow viscosity product
斜浆：适用于低粘度产品
Screw Paddle: suitable for high viscosity
螺带式：适用于高粘度产品

4) Reactor Heat transfer structure: outer jacket, outer half-pipe, inner coil
反应釜的传热结构： 外夹套、外半管、内盘管


Screw Paddle Combination Blade
螺带组合桨叶


Anchor Type Blade
锚式桨叶


Hight-low Speed Combination Blade
高低速组合桨叶


Paddle Type Blade
桨式桨叶

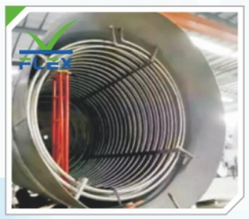
广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

反应釜安装工程展示
REACTOR INSTALLATION AND ENGINEER








内盘管安装
Inner Coil Installation


40T反应釜装配40T
Reactor Assembly Site


反应釜内盘管制作现场
Reaction Kettle Internal Coil Manufacturing Site


外盘管反应釜制作现场
External Coil Reaction Kettle Manufacturing Site




半成品待装配现场
Semi-finished Product Assembly Site


反应釜罐体制作现场
Reactor vessel manufacturing site

Hot Melt Adheisve of the Reactor Production Line



















热熔胶生产案例

Hot melt adhesive production line





广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

热熔胶生产线

Hot melt adhesive production line









卧式电机

Horizontal Motor





块状热熔胶生产线流程图

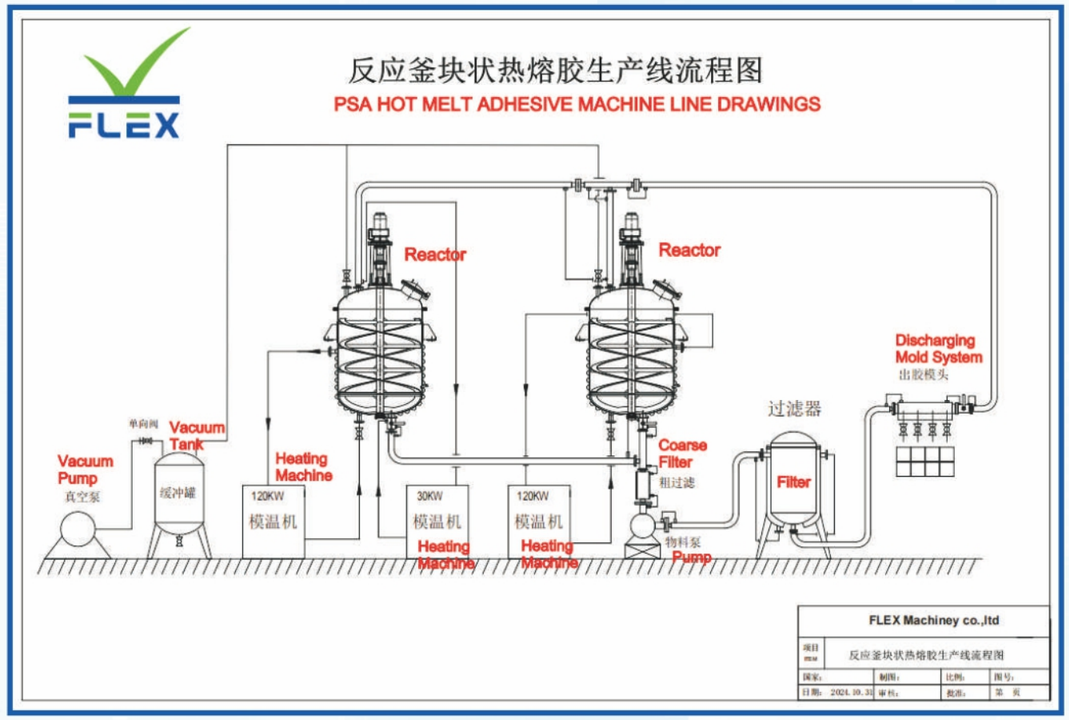
PSA Block Hot Melt Adhesive Machine line

Pressure-sensitive hot melt adhesives have the characteristics of high viscosity and high bonding strength. Therefore, we impose higher requirements on the structural strength, stirring rigidity, uniform mixing and heating efficiency of the hot melt adhesive reactor equipment to meet the production process needs.
压敏类热熔胶具有高粘度、高粘接强度的特性，因此我们对热熔胶反应釜设备的结构强度、搅拌刚性、混合均匀性及加热效率提出了较高要求，以匹配生产工艺需求。









广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

热熔胶-生产案例

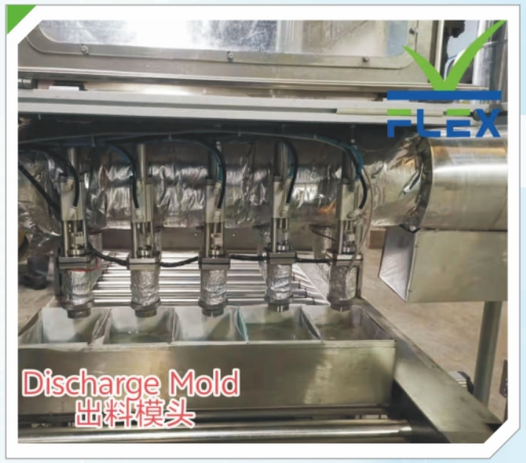
For Block hot melt adhesive machine production line

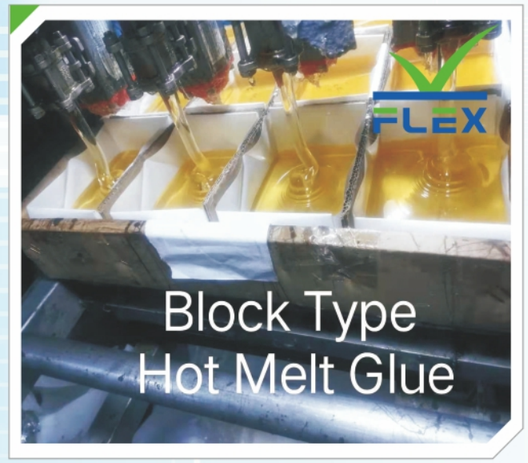




热出胶模头

Discharge Mold：1kg/pcs,1.5kg/pcs,2kg/pcs



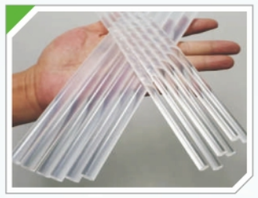
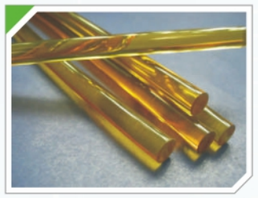
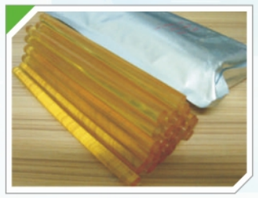
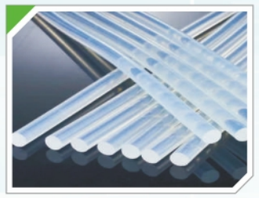


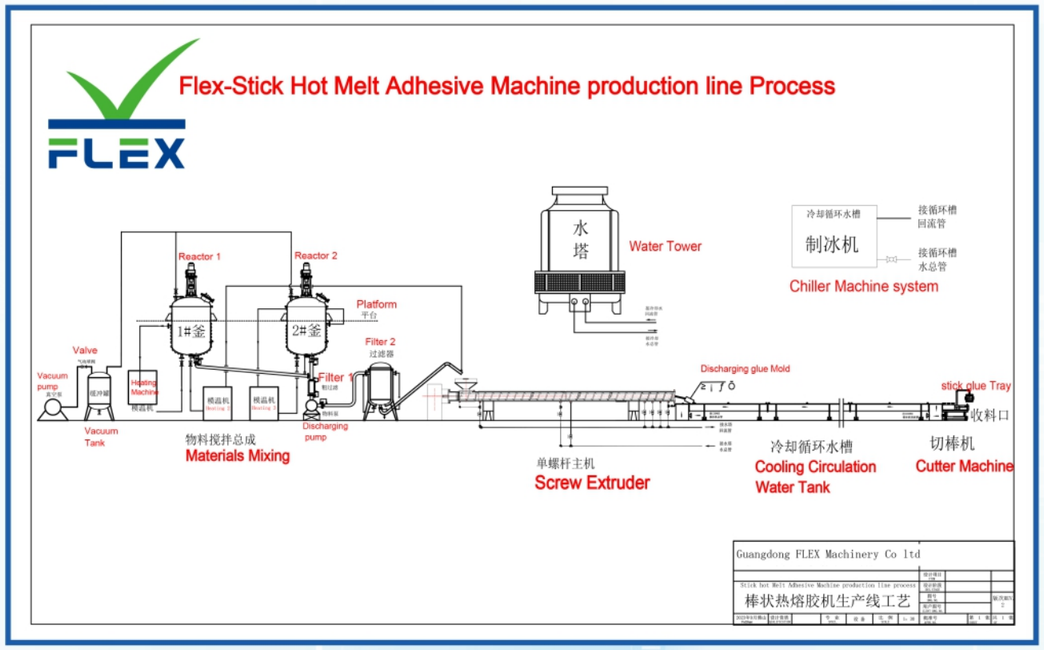
条状热熔胶生产线流程图

Stick Hot Melt Adhesive Machine line

Main equipment: Reactor, screw extruder, cooling water bath, cutter machine, heating system and cooling system
主要设备：反应釜，螺杆挤出机，水槽，切割机，加热系统和冷却系统

Working principle:According to the proportion of the hot melt adhesive rod formula, the raw materials are weighed accurately and added to the reaction tank. Then, through the pressure of the extrusion screw, the molten product is extruded and formed into the desired shape. Generally, there are 7mm and 11mm glue sticks.
工作原理：按热熔胶棒配方比例将原料称好， 加入到反应釜中， 并通过挤出螺杆的压力进行挤出，将熔融的产品挤出成型。一般是7mm和11mm胶棒。



广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

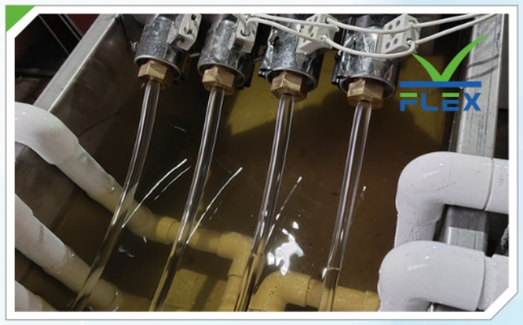
条状热熔胶生产案例

Stick Hot Melt Adhesive Production line











粒状热熔胶生产线设备

EVA Granular Hot Melt Adhesive Production line Machine

一：概述（Summarize）

Underwater Pelletizer that uses water as a medium to rapidly cool and solidify molten plastic particles in water. The plastic particles are subjected to strong impact and shear force in the water, thus forming uniform, tight and smooth particles.

水下造粒机是一种利用水作为介质， 将熔融的塑料颗粒在水中迅速冷却和固化的设备， 使塑料颗粒在水中受到强烈的冲击和剪切力，从而形成均匀、紧密、光滑的颗粒。

二.主要设备（Main equipment）

Underwater granulator, feeding device, granulation device, cooling system, and heating system.

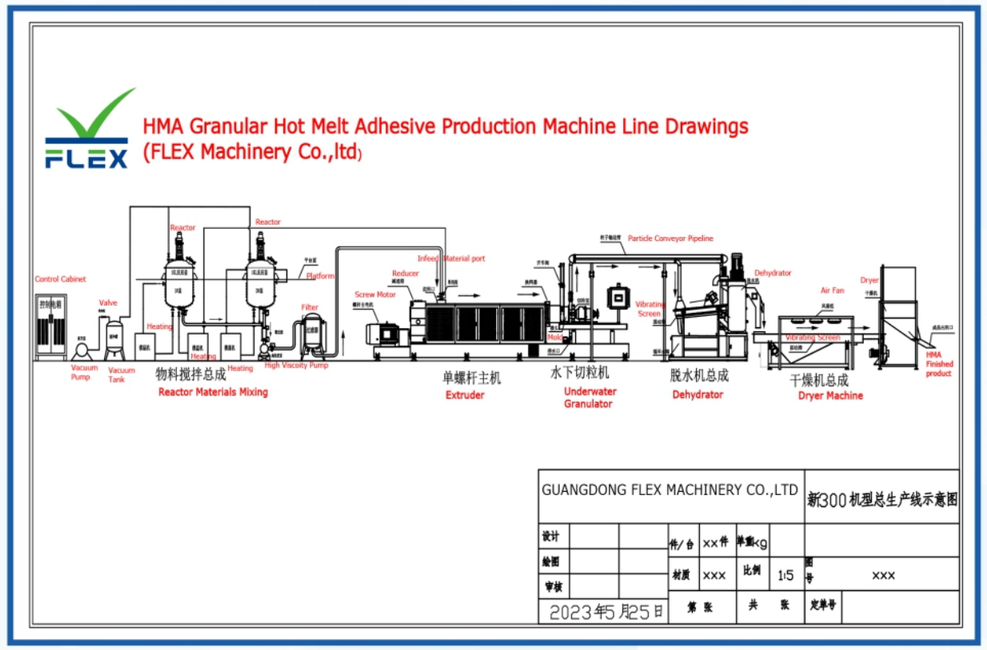
水下造粒机，加料系统，造粒装置，冷却系统，加热系统等部分组成。











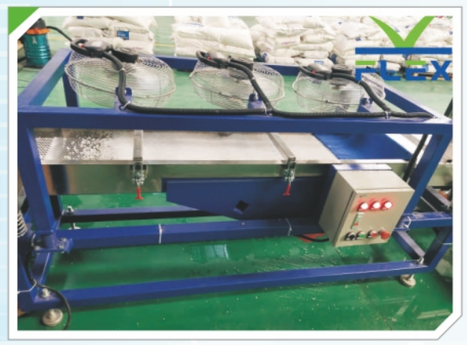
广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd











PUR热熔胶生产线

PUR Hot Melt Adhesive Production Line

Introduction(简介):

The full name of PUR, one component wet curing reactive polyurethane hotmelt adhesive PUR
全称叫，单组份湿固化反应型聚氨酯热熔胶。

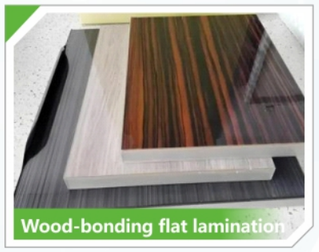




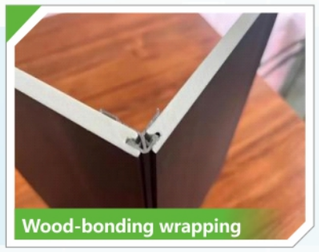


Application(应用):

Wood-bonding flat lamination/edge sealing/wrapping
用于木工的平贴/封边/包覆


Wood-bonding flat lamination


Wood-bonding edge sealing


Wood-bonding wrapping

PUR Hot Melt Adhesive also application for the Textile,Cars,underwear, high-end electronics ect.
PUR热熔胶也适合硬用于纺织、汽车、内衣、高档电子产品等行业


Textile Clothes


Car head light


High end electronic products

广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

PUR热熔胶生产线

PUR Hot Melt Adhesive Production Line









PSA 枕型热熔胶生产线

PSA Pillow Hot Melt Adhesive Production Line



优势（Advantages）：

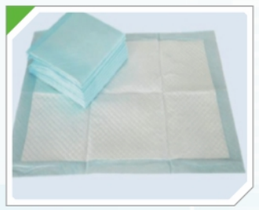
1. ）**Production capacity is about 1 Ton/h - 2.5 Tons/h** 产能约1 吨-2.5吨/小时
2. ）**High degree of automation** 自动化程度高
3. ）**Cost savings on labor** 节约人工成本











广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

PSA 枕型热熔胶生产线

PSA Pillow Hot Melt Adhesive Production Line







网站Web:flexmachinery.en.alibaba.com 电话Mobile :0086-13527864676 邮箱Email:Lucyxie@flexmachinery.com , Guangdong FLEX MACHINERY Co., Ltd

水性丙烯酸机器生产线

Water base Acrylic Adhesive BOPP Machine Line

外观Appearance:White Milky Liquid
含固量Solid Content (%) :40%-47%
粘度Viscosity:100-1000 mpa.s
应用Application:speical use for BOPP, OPP, PET, MPET, MBOPP, LASER FILM laminating to paper/paperboard/cardboard .
Also can used for the wood,funiture,table,label laminating ect.

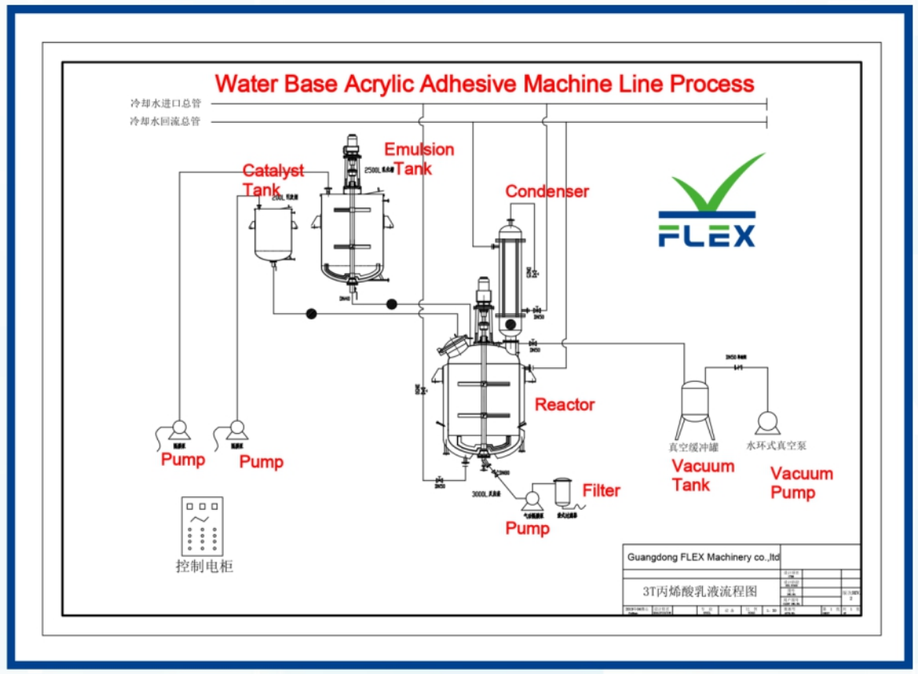






水性丙烯酸生产线流程图

Water base Acrylic Adhesive Machine Line Process



广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

反应釜机器生产

WATER BASE ACRYLIC ADHESIVE MACHINE PRODUCTION LINE PICTURE



水性丙烯酸生产案例

Water-Based Acrylic Production Line Case




接枝胶・氯丁胶・PU鞋胶 生产线设备

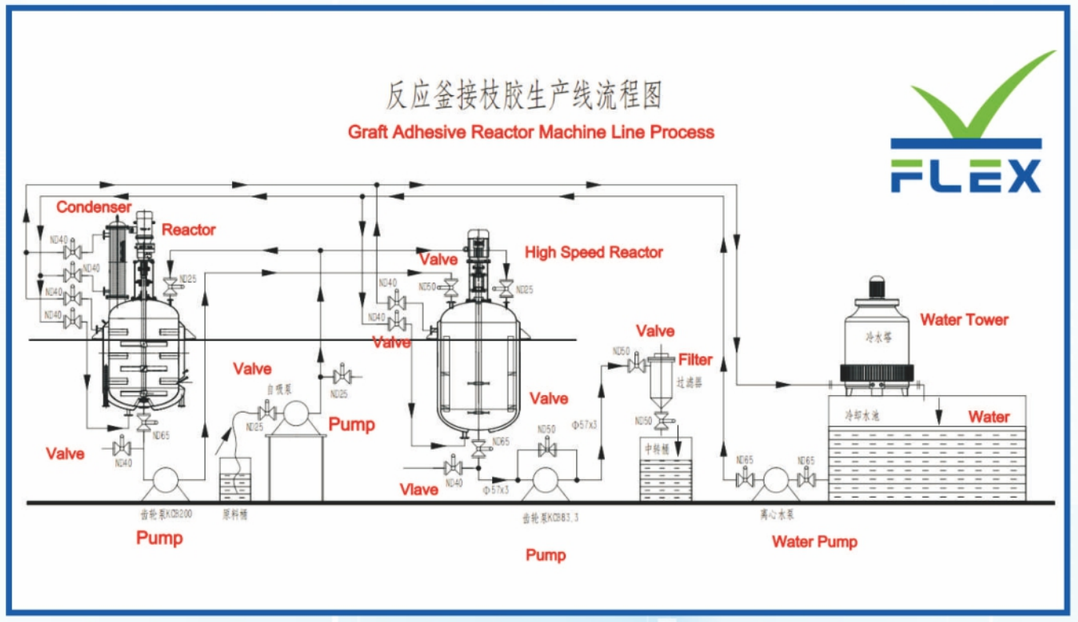
Grafted Adhesive/ Neoprene/Chloroprene Adhesive glue/PU Adhesive glue Machine line









广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

接枝胶/氯丁胶生产线案例

Grafted/ Neoprene/Chloroprene Adhesive production line







网站Web:flexmachinery.en.alibaba.com 电话Mobile :0086-13527864676 邮箱Email:Lucyxie@flexmachinery.com , Guangdong FLEX MACHINERY Co., Ltd

醇酸树脂/不饱和树脂/环氧树脂生产线

Alkyd Resin / Unsaturated Resin / Epoxy Resin Production Line

生产线核心概述(Overview)：

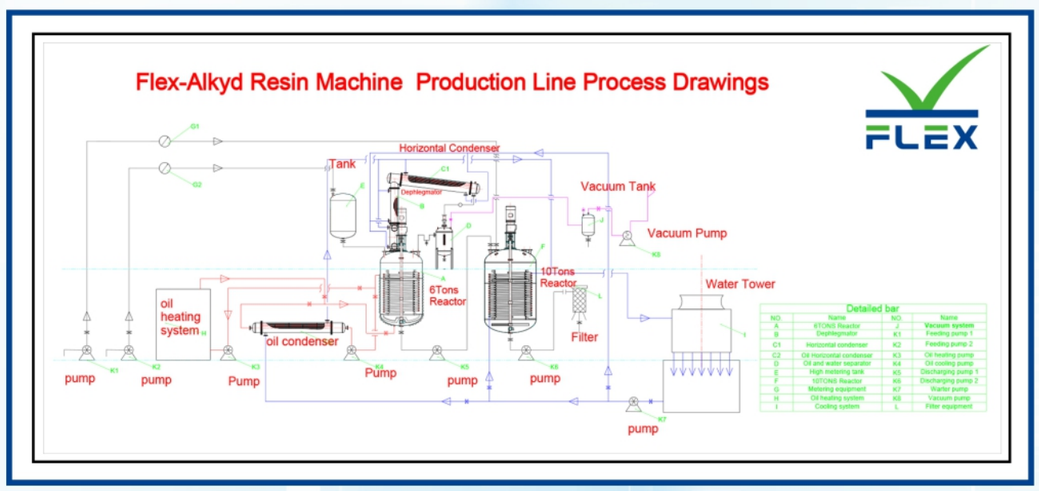
树脂反应釜生产线是用于合成醇酸、不饱和、环氧等各类树脂的连续化或间歇式生产系统，通过精准控制温度、压力、搅拌、反应时间等条件，实现原料到树脂成品的转化。

The resin reactor production line is a continuous or batch production system used for synthesizing various resins (such as alkyd resins, unsaturated resins, epoxy resins, etc.). Through precise control of chemical reaction conditions (temperature, pressure, stirring, reaction time, etc.), it enables the transformation of raw materials into resin products.









广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

醇酸树脂/不饱和树脂/环氧树脂生产线案例

Cases of Alkyd Resin / Unsaturated Resin /Epoxy Resin Production Line





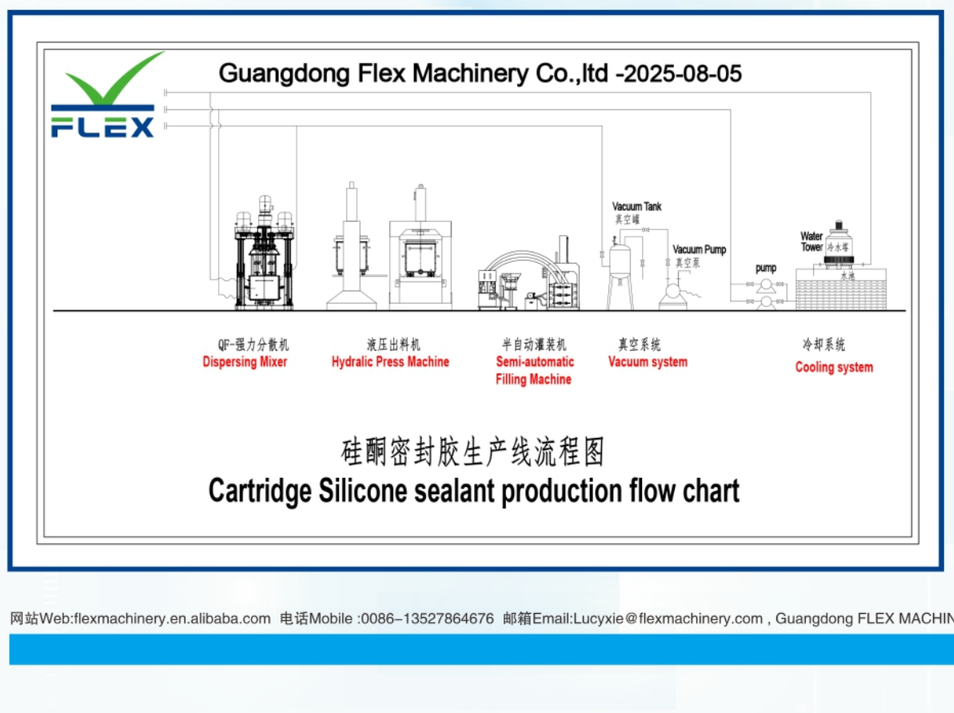


中性/酸性硅酮密封胶生产线

Neutral /Acidic Silicone Sealant Production Line

Color (颜色) : transparent,White,Black,Gray. 透明，白色，黑色，灰色。
Specification (规格) : 290ml/300ml/310ml
Features (特点) : Acidic Silicone Sealant, good elasticity, good adhesiveness, fast curing speed
酸性硅酮密封胶，弹性好，粘接性好，固化速度快
Application (应用) : Suitable for building, curtain wall joints, door and window sealing, bathroom and kitchen caulking, waterproofing and weather resistance.
可用于建筑，幕墙接缝，门窗密封，厨卫填缝，防水耐候。





广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

中性/酸性硅酮密封胶生产线

Neutral /Acidic Silicone Sealant Production Line

Main Equipment: Dispersing Mixer, Hydraulic Press Machine, Material Tanks, Filling Machine, Vacuum System and Cooling System.
主要设备：硅酮密封胶生产线主要由强力分散机，液压出料机，料缸，灌装机，真空系统和冷却系统组成。

By using PL Ccontrol cabinet , the control of product stirring speed and temperature can be achieved, making the entire production process more flexible and reliable.
通过使用 PLC 控制柜，可以实现对产品搅拌速度和温度的控制，从而使整个生产过程更加灵活且可靠。



Dispersing Mixer 强力分散机

Motor
电机



PLC Control
PLC控制屏



Mixing Shaft
搅拌轴



Mixing Tank
料缸



Hydraulic Oil Station
液压油站





Hydraulic Press Machine
液压出料机

硅酮密封胶生产线

Silicon Sealant Machine Production Line







广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

中性/酸性硅酮密封胶生产线

Neutral /Acidic Silicone Sealant Production Line













硅酮密封胶半自动灌装机（单缸）

Semi-automatic filling machine Single Cylinder







硅酮密封胶半自动灌装机（双缸）

Semi-automatic filling machine Double Cylinder





广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

全自动灌装机(硬支)

Full-Automatic filling machine (Cartridge Type)



全自动灌装机(软包)

Full Automatic filling machine (Sausage Type)



热熔胶反应釜试验机

Lab 50L–100L Reactor for hot melt adhesive testing formula









广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd

装柜

Container Loading

























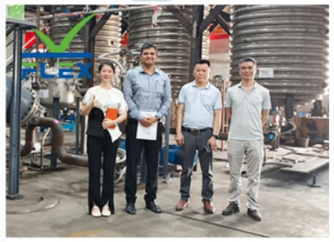
客户见证

Customer Vitness





India 印度



Russia 俄罗斯



Pakistan 巴基斯坦



Tanzania 坦桑尼亚



Uzbekistan 乌兹别克斯坦



Algeria 阿尔及利亚



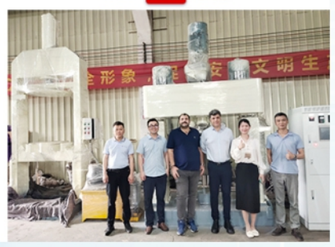
Pakistan 巴基斯坦



Kenya 肯尼亚



Iran 伊朗



广东富利士机械有限公司
Guangdong FLEX Machinery Co., Ltd
客户见证
Customer Vitness











