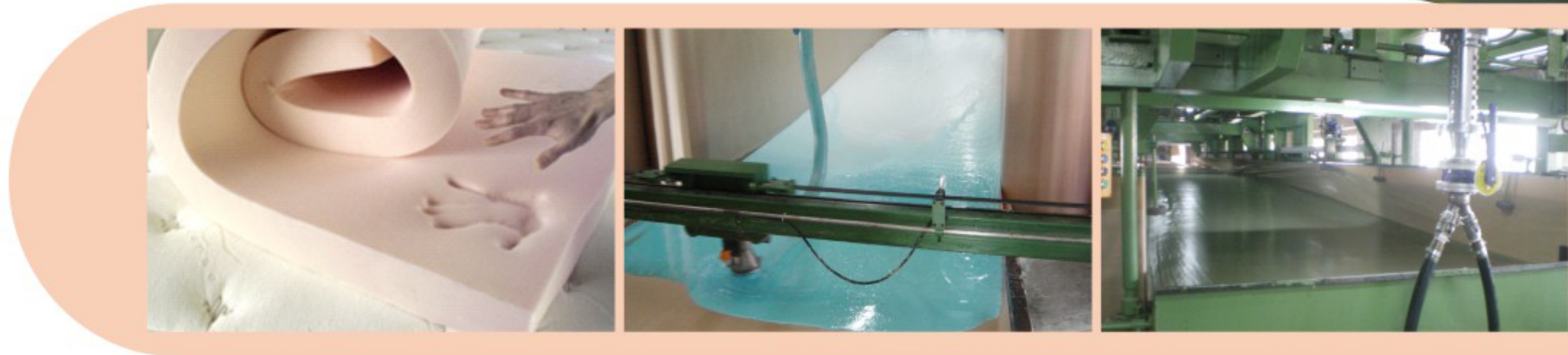


YY-01

Automatic Continuous Foaming Machine

连续式自动发泡机

技术规格	TECHNICAL SPECIFICATION
总吐出量: 300 kg/min	Output: 300 kg/min
搅拌头: 台湾制造	Mixing Head: Made in Taiwan
搅拌马达: 台厂40HP	Mixing Motor: Taiwan Brand 40HP
控制系统: 人机界面	Control System: Human-Machine Interface(HMI)
电控组件: 欧美日原装进口	Electronics: Imported from Euro, USA, Japan
计量泵浦: 美国Viking/德国KRACHT	Metering Pump: USA Viking/German Kracht
流量计: ABB/ROTA	Flowmer: ABB/ROTA
气动三向阀: 意大利VALBIA	Pneumatic Valve: Italy VALBIA



- 连续发泡机长约30m
 - 边板设计为走动式: 长约20m, 高1.2m
 - 平面输送机: 长约22m, 宽约2.4m, 高0.9m
 - 抽风机 × 2部
 - 输送带速度为每分钟2m至8m
 - 底纸送纸设备及边纸送纸设备
- Continuous foaming approximate 30m Length
 - Conveyor type of sidewall is 18m Length, 1.2m Height
 - Base conveyor: about 22m, Width 2.4m, High 0.9m
 - Exhaust fan × 2
 - Conveyor speed of 2m to 8m per minute
 - Paper feed device and side paper rewind device

特性:

- 连续式自动发泡机械适用于生产软质聚氨酯海绵, 密度为10~80 kg/m³, 自动化生产, 生产成本低, 操作系统稳定, 质量优良。软质聚氨酯海绵主要用于家私、鞋材、胸围、电子、地毯及汽车工业
- 超过三十年经验生产连续式自动发泡机械与相关设备, 经验丰富、设计团队坚强, 生产技术人员优越制造能力
- 连续式自动发泡机械可生产聚氨酯海绵, 英国防火棉, 美国加州防火棉, 慢回弹, 高回弹, 超软海绵, 胸围绵, 鞋材绵, 高承载海绵, 仿乳胶泡绵
- 海绵质量硬度分布均匀, 密度误差小, 稳定性佳
- RS提膜系统将使海绵减少浪费
- 输送带运行平顺, 且加装同步装置
- 设备结构设计优良, 搅拌系统专利设计, 高效能, 混合均匀
- 采用进口电控设备, 特殊经验设计, 耐用, 精度高, 减少生产产生错误

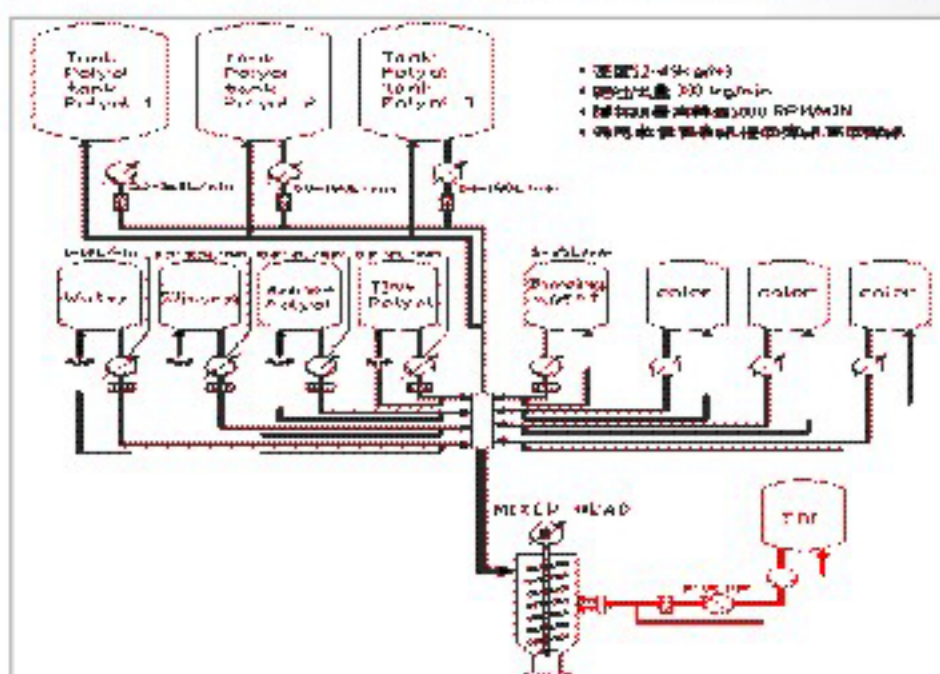


Feature:

- Flexible polyurethane foaming machine was applied in furniture, brassiere, shoe material, carpet, car material
- More than 30 years of experience in slabstock technology have made Yang Yu machinery the leading expert and supplier of slabstock plant
- Good to make polyurethane foam such as conventional, high resilience (HR), visco-elastic (Memory) depends on stream selection.
- All foams system with excellent physical properties can be produced in a virtually complete density range
- Excellent distribution of hardness and density throughout the entire block cross section is achieved
- Less waste through perfectly rectangular and plane-parallel block cross Process with RS system
- Synchronous control precise conveying equipment
- Excellent mechanical structure design
- Sophisticated control and automatic concept ensure high-reliability production
- High-precision pumps
- Efficient mixing head
- European high-pressure air valve
- Foaming formulation can be selected depends on customer needs
- Multi-functional foaming choice between lay-down foaming and trough foaming
- Foam width can be adjusted from 1.5m~2.3m
- Key machine components are imported from internationally famous brand products in Europe and U.S.A
- Fall-plate angle can be adjusted between degree 2~5
- Clean and well-ordered tube design
- Paper unwind /rewind system
- Safety temperature controlling system

搅拌头系统 Mixing Head System

- 搅拌头系统设计与管路分布
 - 40HP强力马达
 - 专利设计搅拌系统，高效率，混合效果佳
 - 海绵结构均匀，特别是对碳酸钙粉混合性好
 - 欧洲进口气动阀
 - 错误警报系统，减少损耗
 - 安全保护开关
- Mixer head pipe is made with stainless steel intensive materials
 - Powerful 40HP motor
 - Special mixing stirrer design, efficiency and fine cell, especially it is perfect with 50% CaCO_3 , even for viscoelastic
 - Air Valve use ITALY brand high pressure valve, use corrosion resisting teflon materials inside, good airtightness, endure chemistry raw materials such as glutinous chemistry raw materials
 - Pressure switch gauge protect safety automatically when the foul appeared





副料缸 Catalyst Pump & Tanks

- 水 100L×1只, 使用不锈钢材质制作
- Tin 50L×1只, 使用不锈钢材质制作
- Amine 50L×1只, 使用不锈钢材质制作
- Silicone 100L×1只, 使用不锈钢材质制作
- 色料 50L×2只, 使用不锈钢材质制作
- 管路皆由不锈钢高压管与高压接头组成

- H2O catalyst tank: capacity 100 L × 1 set, Material: Stainless Steel
- Tin catalyst tank: capacity 50L, Material: Stainless Steel
- AMINE catalyst tank: capacity 50L, Material: Stainless Steel
- SILICONE catalyst tank: capacity 100L, Material: Stainless Steel
- Color catalyst tank: capacity 50L × 2set, Material: Stainless Steel
- All above items include stainless high pressure pipes and high pressure connectors



高压副料泵-高精度性(选配) High-precision Pumps

- 具有耐用, 抗腐蚀, 耐磨, 高精度, 高温, 非润滑, 高黏度, 甚至有毒性的介质, 都适用
- 温度范围: -50度~+230度
- 黏度范围: 1 CST~55000 CST
- 压差: 50 BAR
- 压力开关控制器, 必免压力过高减速机具强大扭力, 精密齿轮, 搭配高质量马达, 运转平顺

- It is durable, corrosion resisting, wear-resisting, high precise, Thermostable, not lubricated, high Viscosity, even it is fit for poisonous meson
- Temperature scope: -50℃~+230℃
- Viscosity scope: 1 CST~55000 CST
- Differential pressure: 50 BAR
- Teflon filler seal



美国进口 VIKING PUMP U.S.A VIKING BRAND PUMP

- 具有耐用, 抗腐蚀, 耐磨, 高精度, 高温, 非润滑, 高黏度, 甚至有毒性的介质, 都适用
- 温度范围: -50度~+230度
- 黏度范围: 1 CST~55000 CST
- 压差: 7BAR
- 减速机具强大扭力, 精密齿轮, 搭配高质量马达, 运转平顺
- 特制大容量过滤器, 有效率输送介质, 特别是黏浓介质

- It is durable, corrosion resisting, wear-resisting, high precise, Thermostable, not lubricated, high Viscosity, even it is fit for poisonous meson
- Temperature scope: -50℃~+230℃
- Viscosity scope: 1 CST~55000 CST
- Differential pressure: 7 BAR
- Teflon filler seal

RS系统 RS System



大料缸-管路-冷却系统 PPG-TDI-MC



- PPG1料罐，5吨1只：使用碳钢制作，内装有恒温控制；冷却盘管（不锈钢材质制作）；搅拌电机使用3HP附有减速机
- PPG2料罐，3吨1只：使用碳钢制作，内装有恒温控制；冷却盘管（不锈钢材质制作）；搅拌电机使用5HP附有减速机
- TDI料罐，5吨1只：使用碳钢制作，内装有恒温控制；冷却盘管（不锈钢材质制作）；搅拌电机使用3HP附有减速机
- MC料罐，1吨1只：使用碳钢制作，内装有恒温控制；冷却盘管（不锈钢材质制作）
- Tank PPG1: 5ton × 1set, Carbon Steel material, Include the stainless steel coiled cooling pipe, Motor: 5HP with gear reducer
- Tank PPG2: 3ton × 1set, Carbon Steel material, Include the stainless steel coiled cooling pipe, Motor: 5HP with gear reducer
- Tank TDI: 5ton × 1set, Carbon Steel material, Include the stainless steel coiled cooling pipe, Motor: 3HP with gear reducer
- Tank M/C: 1TON × 1set, Carbon Steel Material, Include the stainless steel coiled cooling pipe

电控箱-流量计 Control Panel & Flow Meter

- BEIJER 人机介面
- 长度计数装置
- 升降板高度显示装置
- 阀门未开，反馈装置
- 各大料管道内，配有温度显示
- 控制柜内特殊散热控制，保持恒温
- 异常控制显示，自动监视实际发泡状况
- 设计A.B系统，可连续性切换产品
- 出料时间控制
- BEIJER digital screen
- Mitsubishi PLC
- Length counter
- Fall plates drawing
- Feedback warning for switch open



- Temperature system
- Flow-rate adjustment
- Monitor fact foaming situation
- A/B Formulation switch

- **流量计系列**
- 流量计（玻璃管式）
- 4组：TDI、M/C、水、空气各一组
- 原装进口
- 精确流量
- 耐腐蚀性
- 耐用
- 强化玻璃视管
- Flowmeter (glass tube type)
- 4 Units : TDI、M/C、Water、Air
- Orginal imports
- Accurate flow
- Corrosion-resisting
- Durable

碳酸钙预搅拌 CACO3 Premixer



- 减成本，可添加50%碳酸钙增加硬度与密度
- Less cost using caco3 with quality
Rising hardness & Rising density

硅油预搅拌 Silicone & Air Premixer



- 转速：5000 RPM
- 特殊圆棒搅拌叶设计
- 减少空气孔
- 增加海绵物性
- 极佳手感
- 精细结构
- Speed: 5000 RPM
- Fine cell structure
- Less airhole

