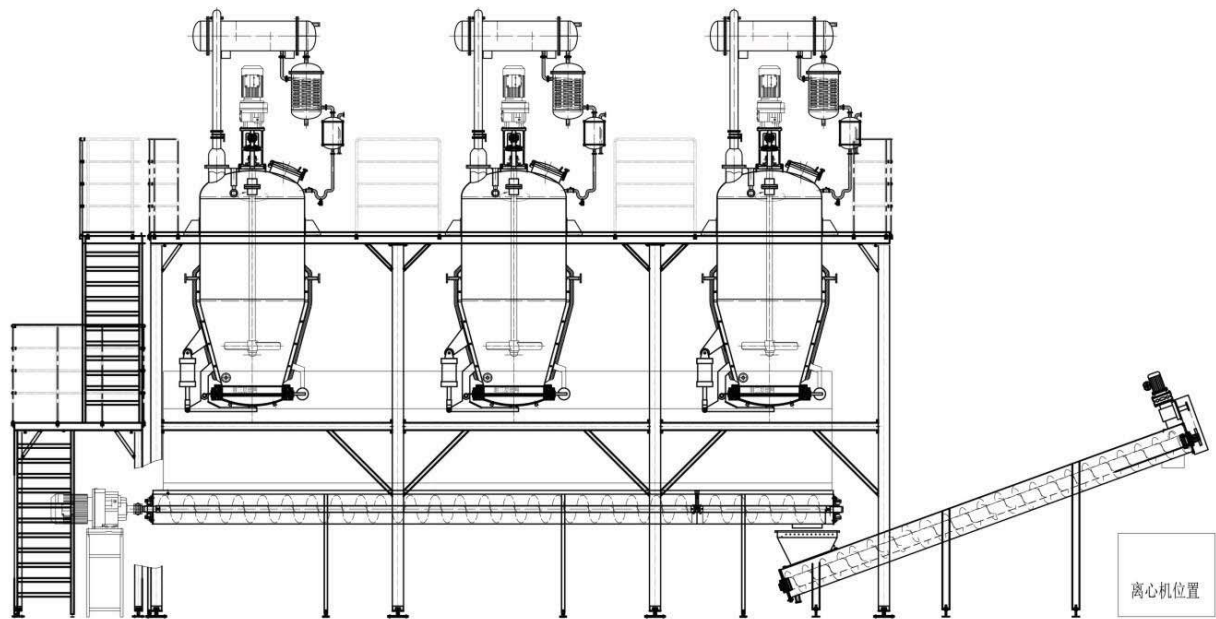


茶饮料自动提取排渣生产线

Automatic Tea Extraction and Discharge Line



离心机位置

系统组成

茶饮料自动提取及排渣生产线由多功能提取罐设备成套装置、螺旋输送排渣装置、管道阀门等，以及配套的提取过程智能控制系统等构成。

多功能提取罐设备成套装置由多功能提取罐、冷凝器、冷却器、过滤器、出渣门气动控制系统等构成。多功能提取罐外形结构：主要有正锥型提取罐、蘑菇型提取罐、直筒型提取罐、斜锥提取罐、倒锥型提取罐等形式；按照有无搅拌可分为动态提取罐和静态提取罐。与物料接触部分全采用不锈钢制造，具有良好的耐蚀性，完全达到GMP标准。

典型的应用

适用于茶叶、中药材等植物的叶子以水为溶媒介质进行萃取动态提取等工艺过程。

产品特点

- 多功能提取罐设备成套装置采用食品卫生级设计、无死角活动区域，最大限度减少残留；设备内表面精抛光，抛光精度 $0.28\ \mu\text{m} \sim 0.45\ \mu\text{m}$ 。外表面镜面抛光或2B拉丝板面。
- 茶饮料自动提取排渣生产线具有效率高，操作方便，自动化程度高等优点，减少作业人数，降低劳动强度，自动排渣干净卫生，避免了茶渣等对环境的污染问题。

System composition

Automatic Tea Extraction and Discharge Line is composed of a multifunctional extraction tank equipment, screw conveyor discharging device, a pipeline valve, and an intelligent control system of extraction process.

The multifunctional extracting tank device is composed of a multifunctional extraction tank, a condenser, a cooler, a filter and a pneumatic control system of slagging outlet. Multifunctional extraction tank has several structures—positive conical type extraction tank, mushroom type extraction tank, straight cylinder type extraction tank, tapered extraction tank, inverted conical type extraction tank. Whether there is Agitator, it can be divided into dynamic extraction tank and static extraction tank. The material-contacting part of the tank is made of stainless steel, with good corrosion resistance fully meeting the GMP standard.

Application

Suitable for dynamic extraction of tea, herbs and other plant leaves with water as solvent medium.

Feature

- Multi function extraction tank equipment complete sets use the food hygiene level design, no dead corner to minimize the residual. The inner surface fine polishing precision from $0.28\ \mu\text{m}$ to $0.45\ \mu\text{m}$. The outer surface is mirror polishing or 2B drawing board.
- Automatic Tea Extraction and Discharge Line has the advantages of high efficiency, convenient operation, high degree of automation reducing staff numbers and the labor intensity. automatic slag is clean and sanitary, avoiding the environmental pollution problem.