



ECON-07 自动经济型锡渣分离机

Econ-07 automatic economical tin recovery system



一、基本功能与特点介绍

ECON-07 采用独特湿式分离法，是专利设计产品，近十年市场使用经验，集人性化需求、环保、安全、全球最先进技术为一体。主要针对波峰焊锡炉工作过程中产生的焊锡氧化物——锡渣，进行二次回收利用，将收集好的锡渣再投入，无需添加任何化学、非化学物质，能彻底、有效的将锡渣中可用焊锡分离回收，直接使用，节约焊锡使用量，节省成本。

本机采用人工放锡、人工出模成型，分离效率高，处理能力强，经济实用，并具有自动锡灰分离回收及多级废气处理系统，对环境友好，适合 240kg/周（开一次 8h）同一合金成分锡渣的集中处理。

1, Introduction of the basic function and characteristics

ECON-7 is a patent design product, using unique wet separation method. It has the market using experience for about 10 years and combines humanity demand, environmental protection, safety, the global most advanced technology as a whole. It is mainly aimed at tin soldering oxide—tin slag, produced by the process of wave soldering stove, for twice recovery. The tin slag collected can be put into stove again without adding any chemical or non chemical substance, and the tin available in slag can be separated for recovery and direct used, effectively and thoroughly, for the sake of saving tin amount and cost.

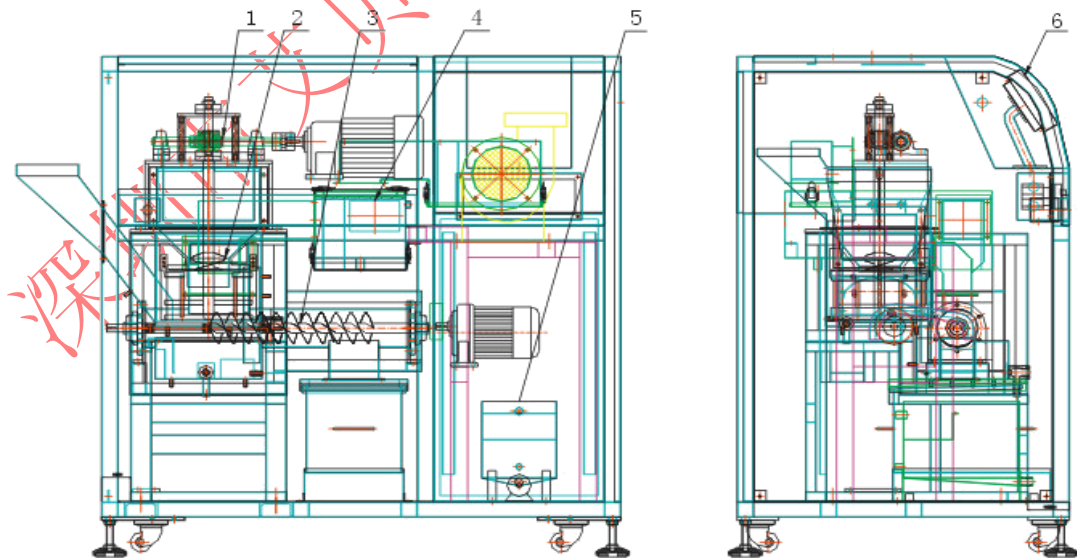
The machine uses manual tin exhausting, shaping and molding. It is economical and practical, environment friendly, and has a high separation rate, strong processing capacity, equipped with automatic tin separation and recovery, and multilevel exhaust gas processing system. It is suitable for the centralized processing of tin slag with the same alloy component about 240kg/week (one time opening 8h).



二、技术参数

项目	参数	Items	Parameters
ECN-07	自动经济型锡渣分离机	ECN-07	Automatic Economic Tin Recovery machine
控制系统	PLC+温控模块+触摸屏	Control system	PLC + Temperature Control modular + Touch screen
分离方式	湿式分离法+螺旋离心分离	Separation method	Wet separation + Screw centrifugal separation
工作效率	30kg/h	Work efficient	30kg/h
锡渣分离率	锡渣含锡量的90%以上	Tin separation rate	More than 90% of tin content in slag
排锡方式	自动报警、人工排放	Tin emission method	Automatic alarm, artificial emissions
开机升温时间	60Min	Start heating-up time	60Min
自动下料容量	φ 25mm 以下颗粒/20kg	Automatic filling capacity	Grain under φ 25mm/20kg
手动下料容量	50*60mm 块状/5kg	Manual filling capacity	50*60mm buck/5kg
分离腔材质	SUS316L(可选钛合金)	Separation cavity material	SUS316(Ti alloy optional)
底锡总容量	90kg	Bottom tin total capacity	90kg
排风口尺寸	6 寸	Air outlet size	6 inches
废气环保处理	一级降温冷却, 二级采用阻燃过滤棉+不锈钢网+水帘式过滤+活性炭过滤棉	Exhaust air environment treatment	1 lever cooling, and 2 lever uses inflame retarding cotton + stainless steel net + water curtain type filter + Activated carbon filter cotton
总功率	5.6KW	Total power	5.6KW
运行功率	1.8KW	Function power	1.8KW
电源	3 相 4 线 AC380V 50Hz/60Hz	Power supply	3-phase and 4-line AC380V 50Hz/60Hz
净重	约 450kg	Net weight	About 450kg
机身尺寸 (mm)	1450(长)X800(宽)X1350(高)	Machine size(mm)	1450(length) X800(width)X1350(height)

三、机构原理图



- | | | | |
|----------|---------------------------------|---------|-------------------------|
| 1 自动进料系统 | Automatic feeding system | 4 抽风系统 | Ventilation system |
| 2 搅拌融锡系统 | Tin stirring and melting system | 5 水过滤系统 | Water filtration system |
| 3 分离系统 | Separation system | 6 触摸屏 | Touch screen |