

设备简介

Equipment introduction

光伏板回收设备可与铝框拆卸机、脱玻机和光伏板拆解机配套使用，高效分离光伏组件中的铝边框、玻璃、铜、硅粉、银和塑料等材料。同时，热解炉和隧道炉可进一步对物料进行处理，提高后续分离效率，实现更加高效、环保的回收加工。

The Solar PV Panel Recycling Machine works together with the Frame Removal Machine, Glass Removal Machine, and Solar PV Panel Dismantling Machine to efficiently separate aluminum frames, glass, copper, silicon powder, silver, and plastic from photovoltaic modules, while the pyrolysis furnace and tunnel furnace further support clean and effective material processing.



产品优势

Product advantages

- 1、高效去除EVA胶膜，提高分离效率。
- 2、连续化运行，处理量稳定。
- 3、自动化程度高，降低人工成本。
- 4、温度控制精准，运行更稳定。
- 5、适用于多种光伏组件。
- 6、便于后续回收玻璃、硅、铜、银等材料。

- 1、Efficiently removes EVA encapsulant for easier material separation.
- 2、Continuous operation ensures stable processing capacity.
- 3、High level of automation reduces labor costs.
- 4、Precise temperature control ensures stable performance.
- 5、Compatible with various types of solar panels.
- 6、Facilitates the recovery of glass, silicon, copper, silver, and other valuable materials.

项目介绍

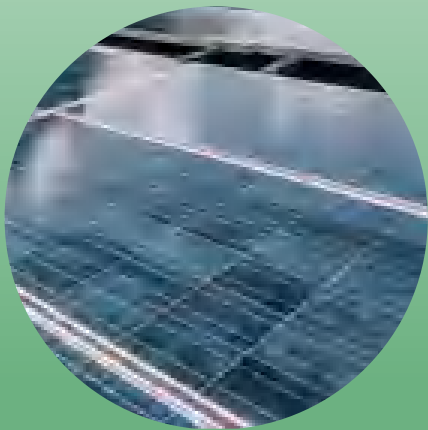
Project Introduction

光伏板回收产线主要是回收光伏板中的玻璃、硅、铝、铜、银等高价值材料，通过物理拆除、低温热解、以及涡流分选等技术，精准的把光伏板中的各类金属和玻璃进行回收再处理，使这些材料可以被再次回收和被利用。

光伏板回收产线成功将资源循环起来，减少了浪费与环境污染，同时为绿色光伏产业提供了大量的经济价值。

The Solar PV Panel Recycling Machine primarily recovers high-value materials such as glass, silicon, aluminum, copper, and silver from photovoltaic panels. Through physical disassembly, low-temperature pyrolysis, and eddy current separation, it precisely reprocesses various metals and glass from the panels, enabling these materials to be recycled and reused.

The Solar Panel Recycling Machine successfully recycles resources, reduces waste and environmental pollution, and provides significant economic value to the green photovoltaic industry.



单玻光伏板
Single-Glass PV Panel



双玻光伏板
Double-Glass PV Panel

设备参数

Product advantages

型号 Model	尺寸 Size (mm)	加热功率 Total Heating Power (kw)	电机功率 Motor Power (kw)	风扇功率 Fan Power (kw)	风扇数量 Number of Fans(pcs)
SY-C-1000	22000*2200*2200	198	3+1.5	37	4



利润分析

Profit Analysis

全天24小时，共完成24吨面板 working time: 24 hours/day in total complete 24 ton panels			
生产成本 Production cost	原料成本 Feeding material cost	9600USD	12235 USD
	电费 Electricity cost	900USD	
	工人工资 Worker salary	135USD	
	维护费用 Maintenance cost	100USD	
	化学品成本 Chemical cost	1500USD	
收入 Income	玻璃 Glass	100 USD/t	19524 USD
	硅 Silicon	1200 USD/t	
	铝 Aluminum	3000 USD/t	
	聚合物 Polymer	300 USD/t	
	铜 Copper	15000 USD/t	
	银 Silver	1700000 USD/t	
	其他 Others	250 USD/t	
净利润/天 Net profit/day	7289 USD		

相关设备

relative devices



拆框机
Frame Removal Machine



脱玻机
Glass Removal Machine



郑州朔源环保科技有限公司

Zhengzhou Sure Origin Environmental Protection Technology Co.,Ltd

郑州朔源环保科技有限公司是集设计、制造、国内外销售为一体的设备制造企业。

公司生产销售环保型铜米机,水洗铜米机,撕碎机,电路板回收设备,散热器,电机拆解机器,鳄鱼剪切机,铜铝水箱破碎分离机,金属破碎机,高压静电分离机,铝塑复合材料磨粉机等.目前公司产品已经出口到美国,法国,德国,瑞士等60多个海内外国家和地区,产品获得欧盟认证和国内外广大用户的认可和好评。

公司总部位于荥阳市,欢迎广大新老客户洽谈咨询,工厂参观,免费测试机器。

Zhengzhou Sure Origin Environmental Protection Technology Co.,Ltd is a machine manufacturer in China, we focus on recycling machine design, research and innovation. Our main business scope: manufacture recycling plants for waste lithium battery, cable wire, PCB, copper aluminum radiator, mixed plastic waste medical blister pack etc.

Welcome to visit our factory and test our machines.



☎ 152-0518-2238

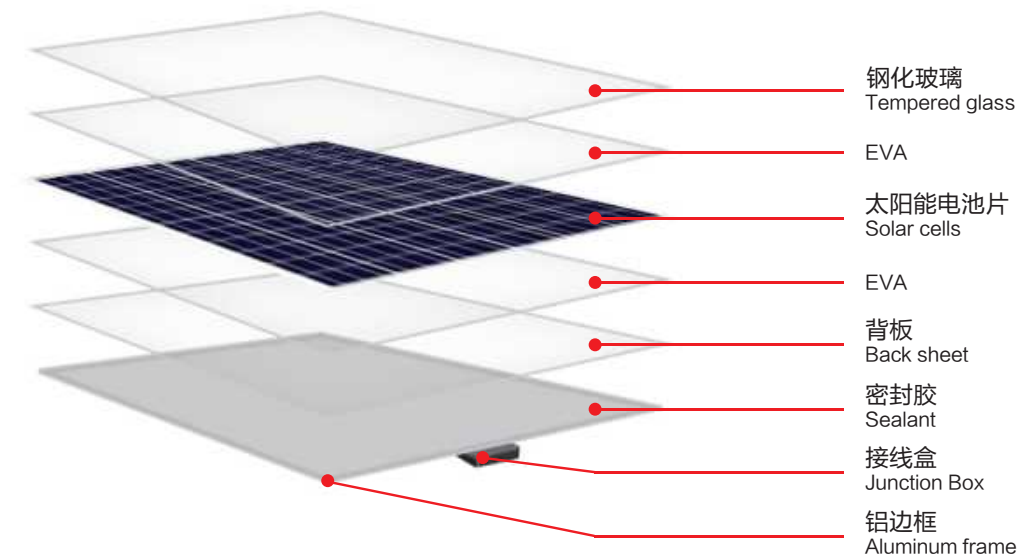
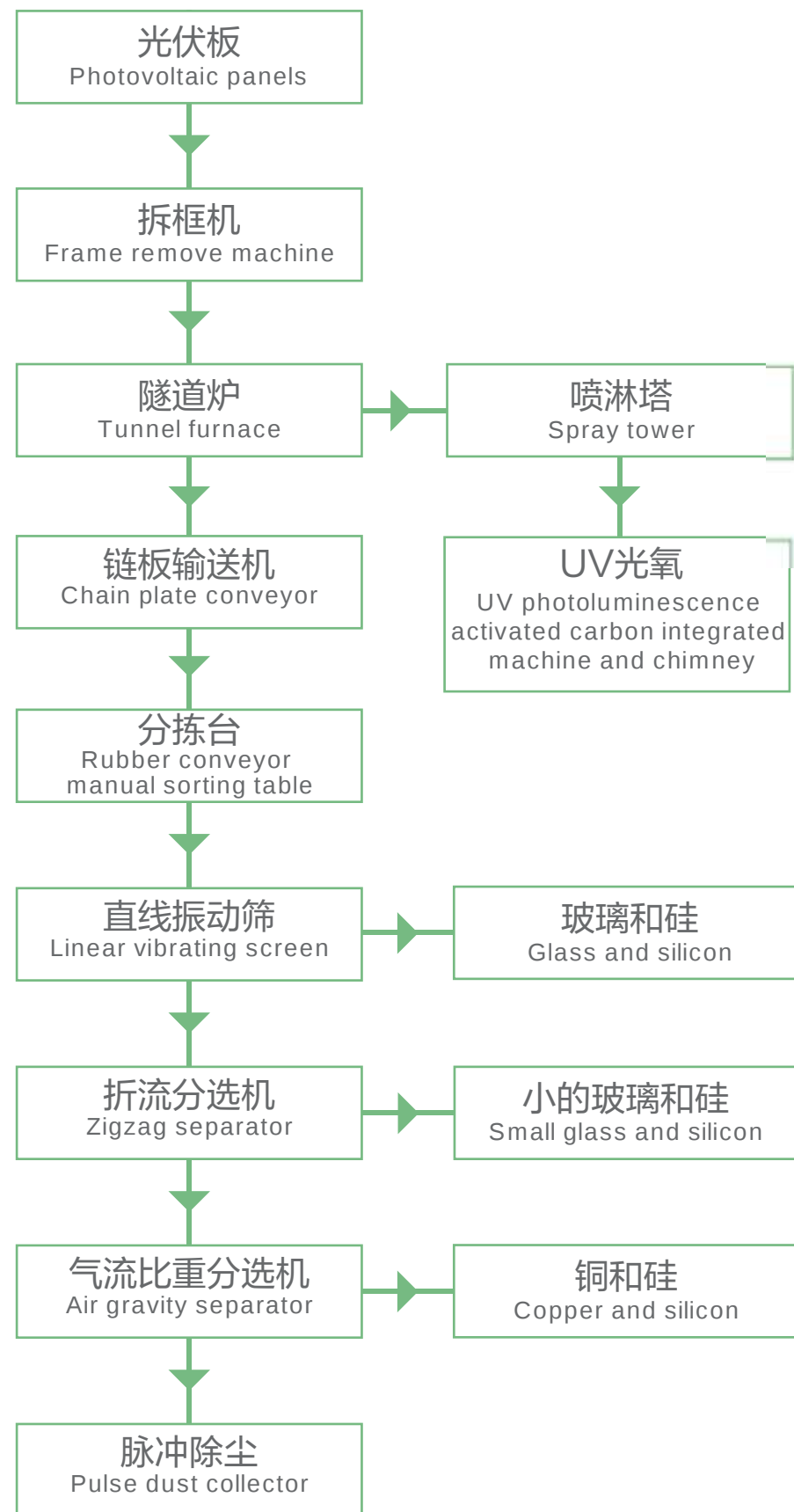
📍 河南省荥阳市 Zhengzhou City, Henan China

🌐 www.sureoriginrecycling.com
www.recyclesorigin.com



处理流程

Processing Flow



最终产品

Final product



铝边框
Aluminum frame



玻璃
Glass



硅片
Silicon wafer



铜丝
Copper wire



黑粉
Plastic



银
Silver



固废回收再利用处理设备专家
Expert in solid waste recycling and reuse processing equipment



最专业严谨的技术支持
YOUR SUCCESS IS OUR BEST SERVICE

为您的成功保驾护航
MORE THAN 50 COUNTRIES AND AREA