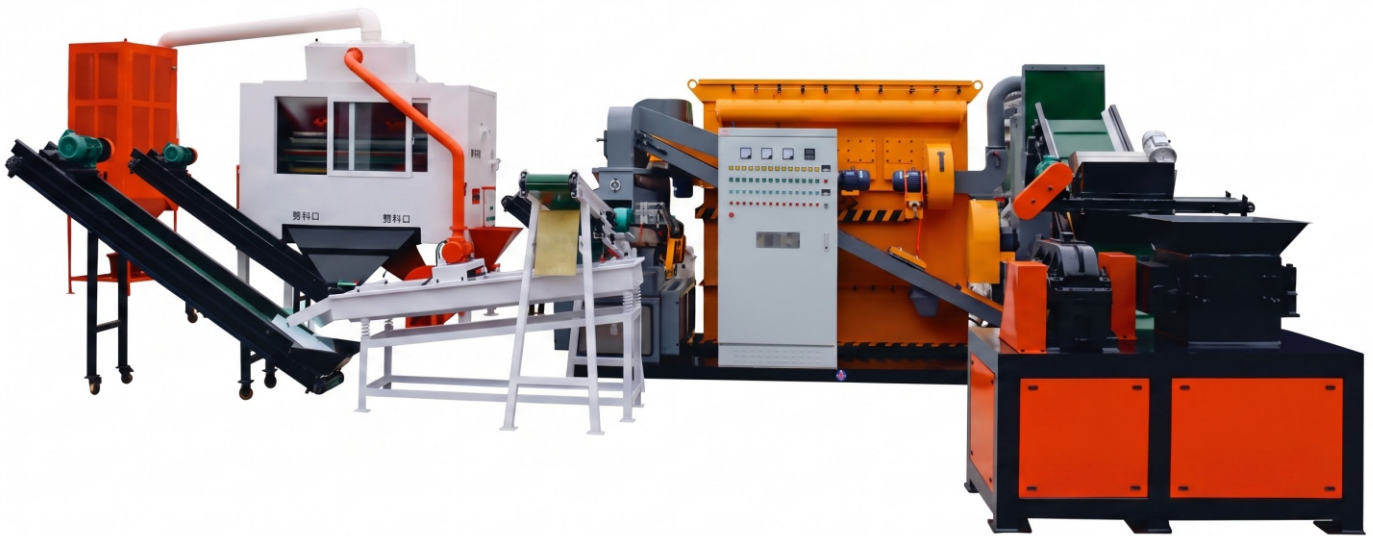
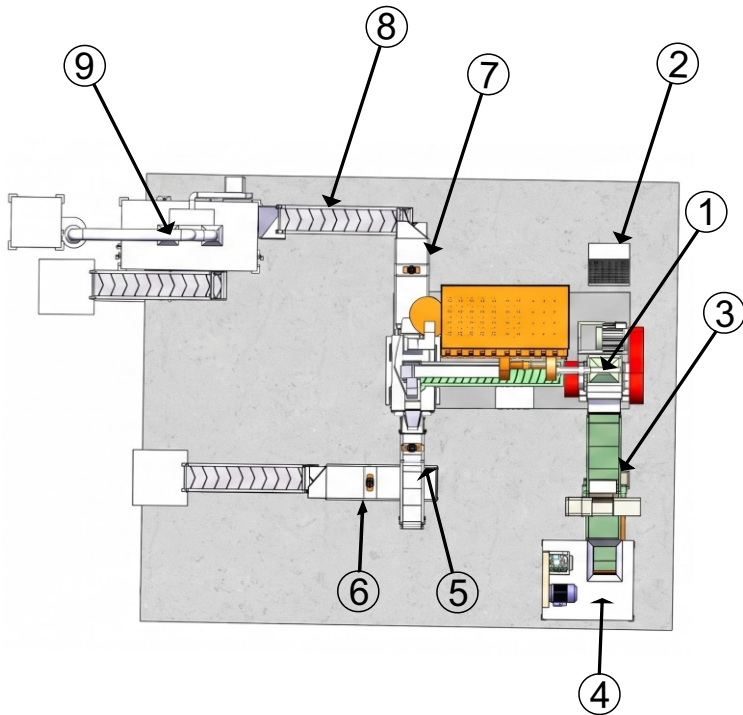


Copper Granulator with Crusher and Electrostatic Separator



Model Diagram of Copper Granulator System



1	Copper Granulator
2	Water Tank
3	Conveyor with Magnetic Machine
4	Double Shaft Shredder
5	Double Conveyor with magnetic machine
6	Copper Outlet shaking Bed
7	PVC Outlet Shaking Bed
8	Conveyor from Ground to 1800
9	High volt current separator



Copper Granulator

This is a professional production line for handling waste electric wires and cables. New structure, unique, large production capacity, low power consumption. High sorting rate, one feeding, multi-machine cooperation. The whole line is controlled by PLC, which is in the leading level in China. The successful development of this machine not only solves the problems in the method of copper incineration, but also improves the quality of copper recovery, recycles plastics and solves environmental pollution at the same time.

- Reduce Manual Processing
- Cleaning extends the working time.
- Automatic Clean Dust
- Improved dust removal and noise reduction



Technical parameters of the whole machine

Application	Separate Copper and sheath of cable wire
Overall dimension (LXWXH)	4.7x2x2.5m
Scope of Application	Φ0.5-Φ20m
Knife number	10
Number of fixed knife	4
Output	350-500Kg/h
Power	40.5-50kW
Weight	4300Kg

High Voltage Electrostatic Separator

The static current separator, through years of practice and theoretical analysis, obtain the best separation result, the impurities can be less than 1%, the separation effect of up to 99%, and belongs to complete physical separation, separation properties of various materials does not change, does not affect recycling. The first device for corona discharge device to produce around the ionized air layer, and then use the different permittivity from crushing and separating metal and plastic material (in conductor and non-conductor).

The advantages of the new device is without the use chemicals to dissolve wastes, it will not cause pollution to the environment. It can put the gold, more than 99% of the waste copper, aluminum and other metal and plastic separated. This device can be used for aluminium plate, PCB medicine plate, waste wire and cable aluminum conductor and sand separation and non-conductor.



Technical parameters of the whole machine

Grease Cylinder diameter	320mm
Roller flexural strength	1800mm
High voltage (kv)	0~80kv 0~500rm/min
Power per unit speed	4.5kw
Output	200-300Kg
Dimensions	1.38x2.65x3.5

Crusher



Double Shaft Shredder Reducer head reinforced type Crusher

Application Scope	Rough crushing of scrap wires and cables etc.
Overall Dimension (LXWXH)	1.7x1.5x1.4m
Shredding cavity size	530x400mm
Rotor diameter	Φ240mm
Number of blades	20
Output	500-700Kg/h
Power	15KW
Weight	1400Kg
Tool Material	96 Silicon
Cutter Spinning speed	30/24