

PCB recycling Business:



High-quality PCB



Low-quality PCB

Generally PCBs are collected / received like below:



Various types of waste circuit boards, copper-clad laminates, wiring boards, computer boards, TV boards, printed circuit boards (PCB), various waste appliance motherboards, and processing scraps.

To start with, the electronic components on PCBs are separated by a small separator machine.

IN case willing to invest higher, can have precious metal recovery system.

Post the Components are separated from Boards, the boards go for crushing and for recovering Metal and resin.

- Uses an electrostatic separation process, achieving a metal recovery rate of maximum of 99%; (96 to 99 as we process)
- Applies negative-pressure feeding system and a pulse dust collection system, for fully enclosed dust capture and clean working atmosphere;
- The complete process is with dry physical crushing and separation system, causing nil pollution to environment and spoils nothing like water, land and air.

In case not opting for the precious metal recovery system the PCB recycling is simply much smaller investment.

Otherwise, PCB has equipment as below.

Resistors, Capacitors, Transistors, Transformers, Diodes, Integrated circuits, Crystal oscillators, inductors, Silicon-controlled rectifiers, potentiometers, switches, sensors Et-cetera.

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Compare the machinery:

	Capacities: Equipment separation 400 to 500 Kg per hour and Board crushing 200 to 300 Kg. Hour		
	The simplest Machinery set for start-up	High quality	OK Quality
INR With 30% Duties and One USD = Rs. 100	8905000	18980000	15990000
Kw Connected load	151	215	172

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