



## Plastic Recycling Machine by Neoplast

Neoplast is produce a high-efficiency, one-step [plastic recycling machine](#) designed to reprocess flexible packaging consisting of PE polyethylene (HDPE, LDPE, LLDPE) and PP polypropylene, both printed and unprinted. Our cutter-integrated pelletizing technology doesn't require pre-cutting the material and utilises less energy and space while producing high-quality plastic pellets quickly.

In addition to domestic film waste, which is pre-crushed hard plastic waste from injection and extrusion, the system can process cleaned flakes, scraps, and regrind. The usage of this machinery is advised for manufacturers of agricultural films, food packaging, commercial bags, waste bags, shrink and stretch films, PP woven bags, jumbo bags, tapes, and yarns. You can also use materials like PE and PS foam, PE net, EVA, and PP mixed with PU on this machine.



Neoplast is a manufacturer of completely and partially automatic waste plastic recycling machines in India. We manufacture plastic recycling machines in India, and our machines are renowned for their great productivity, low cost, and reliable after-sales service. Thermoplastic film, soft polyvinyl chloride, and plastic products are routinely recycled using the Plastic Recycling Machine Die Face Cutter. a high efficiency, one-step plastic recycling machine from Neoplast, is made for reprocessing flexible packaging made of PE

polyethylene (HDPE, LDPE, LLDPE), and PP polypropylene, both printed and unprinted. Call us at +91-79-4019-4030 if you'd like further details.

### **Advantages of Plastic Recycling Machine**

Combining cutting, extrusion, and pelletizing, plastic recycling machines build a compact and efficient recycling process. The material is compacted by the recycling machine's cutter compactor into a state that is ideal for the extrusion procedure, and it is then fed directly into the extruder using centrifugal force. When opposed to traditional recycling machines, this integrated solution eliminates the problem of irregular input because it doesn't require a separate crusher. [Neoplast](#) fulfil all client's needs.

The nip roll feeder for whole film rolls and the belt conveyor for film scraps and hard plastic regrind both simultaneously feed waste materials into the machine. An additional silo tank can be used to store and feed pre-washed film flakes. The feeding is automatically changed according on how full the cutter compactor is. The material is then minced, dried, and compacted into a semi-molten state that is perfect for the next extrusion procedure. The cutter compactor then feeds the material steadily and directly onto the extruder screw.

The pre-compacted material is continuously fed into the extruder through its tangential connection thanks to the cutter compactor and extruder's integration, which makes feeding extremely rapid and steady. Compared to other recycling systems on the market, this results in a much higher manufacturing output.