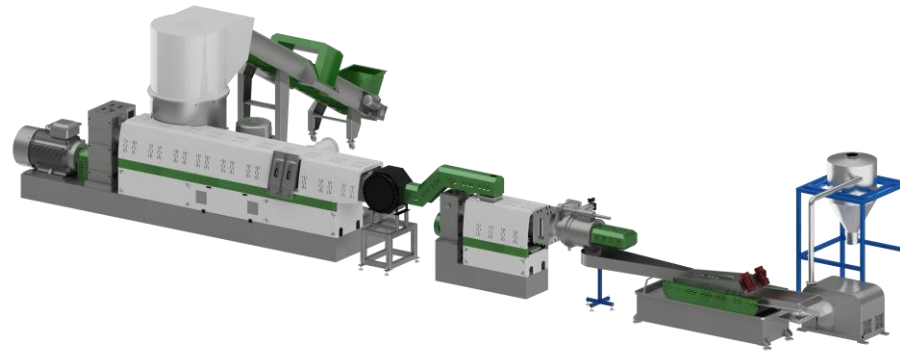




Plastic Pelletizing System



List of PP PE film pelletizing line

No	Name	Quantity
1	Belt conveyor with metal detector	1
2	Cutter compactor	1
3	Main extruder with degassing vent	1
4	Baby extruder for deep filtration	1
5	Laser filter	1
6	Die face cutting system	1
7	Dewatering machine	1
8	Vibrating screen	1
9	Blowing system	1
10	Silo for storage	1
11	Electric panel in PLC	1

Belt conveyor

Function:

To send material into compactor, working with metal detector for protection the blades in compactor and screw.



Cutter compactor

Function:

To cutting the soft PP PE film bag into smaller flakes.

Rotation and stationary blades cutting and creating heat for shrinking the film compacting.

Speed control for adapt different materials.



Main extruder

Function:

To transfer the melted material forward.
Speed control and linkage with current to process different materials.

Working with degassing vent to remove moisture and gas.

Material of screw and barrel: bimetallic

Material of heaters: Ceramic or Aluminum



Laser filter

Function:

Self-cleaning laser filter will remove the impurities by mesh.

No need labor work, automatically running.

High precious max like 150 mesh.

PLC controlling



Die face cutter

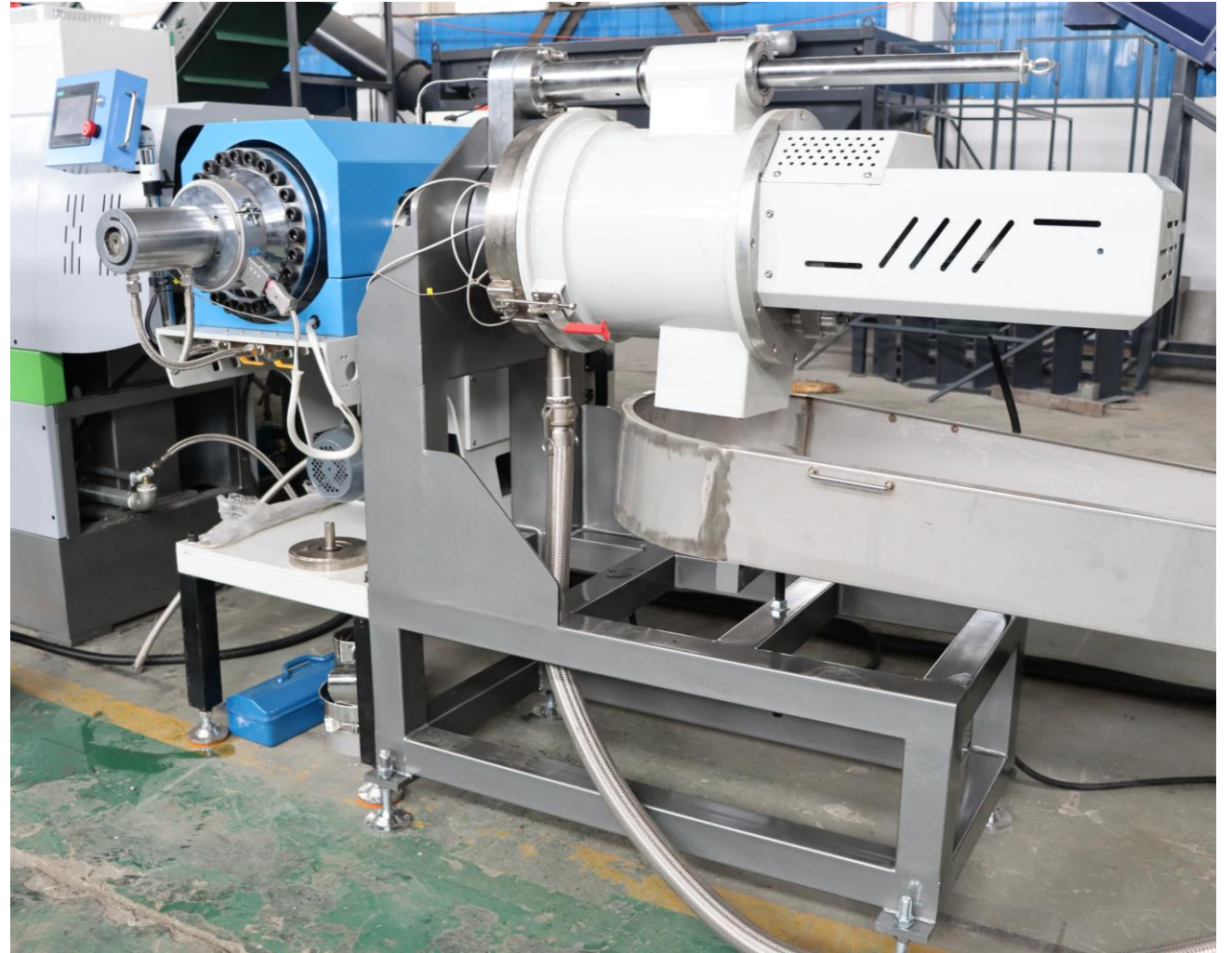
Function:

Speed controlling for uniform granules

HHS blades for long time use

Vertical or horizontal die face cutter

Water-ring design mould



Dewatering machine

Function:

Remove the water by the high-speed centrifugal force.

Adopt the SKF bearing for high-speed rotation rotor.



PLC Controlling

Function:

Control the full recycling line with HMI PLC control system.

