

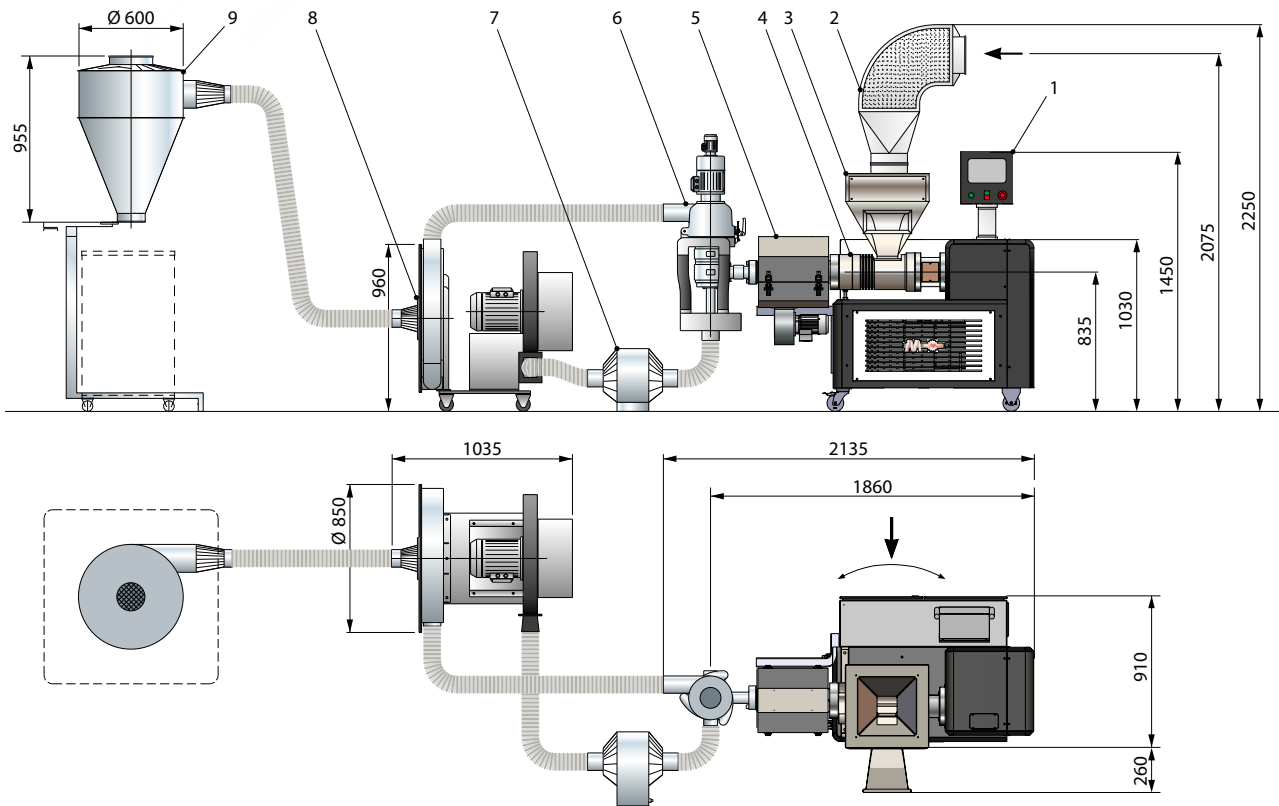


# Recotrim System

Technical Data Sheet



Macchi S.p.A



1. PLC controlled via a 6" LCD color touch screen managing the machine functions: extrusion unit zone temperature, melt pressure, cutter blade speed, alarm display, language selection.
2. An air eliminator infeed hopper is supplied as standard if the line winder is equipped with a Venturi trim removal system. As an option, the Recotrim can be supplied with an infeed nip roll, speed-matched with the line speed – This option is also suggested to process tacky films.
3. Infeed side opening: the machine allows for the re-processing of small scrap reels, startup waste film, even with the simultaneous presence of a line trim recovery operation.
4. Extrusion unit with a patented counter-rotating screw plastification unit.
5. Plasticizing zone with ceramic heating elements.
6. Melt feeding head, with a strand-die equipped with front-blade rotary cutters.
7. Air/water heat exchanger for the cooling of the process air.
8. Spiral cooling unit placed on a wheel-mounted platform.
9. Receiving cyclone to separate the air-stream/dust from the pellets.

Processable materials: LDPE, LLDPE, MDPE, mLLDPE, HDPE as monolayer or coextruded structures.

Side-chute opening dimension: 250x100mm

Installed power: 33 Kw

Cooling capacity: 2.500 Kcal/h

Output capacity: 40- 50 Kg/h with constant material infeed