



Input material:

Wet plastic material from washing plants like:

- Packaging thin film
- Film from agriculture

Capacity:

Up to 1.500 kg/h.

It depends on the characteristics of the input plastics and on the required density of the product.

Product:

Pellets

COMBI AGGLOMERATOR & PELLETIZER

FOR FILM RECYCLING

IN LINE AGGLOMERATION AND PELLETIZING

The innovative Promeco Pelletizer is made by the combination of PES densifier and a traditional single screw extruder.

Promeco agglomerator dries and pre-melts the plastic material and feeds the single screw extruder directly. The double vent system on the pelletizer grants the residual moisture removal from the product.



Advantages of PES agglomerator and pelletizer:

- Treating of materials with up to 20% moisture
- Feedstock size up to 60 mm
- Triple vent systems, 1 on the agglomerator, 2 on the pelletizer
- Increased production
- Low energy consumption
- Small footprint, line compactness
- No other machinery (belt, grinder, transports, storage, pressure feeding...) between the agglomerator and the pelletizer