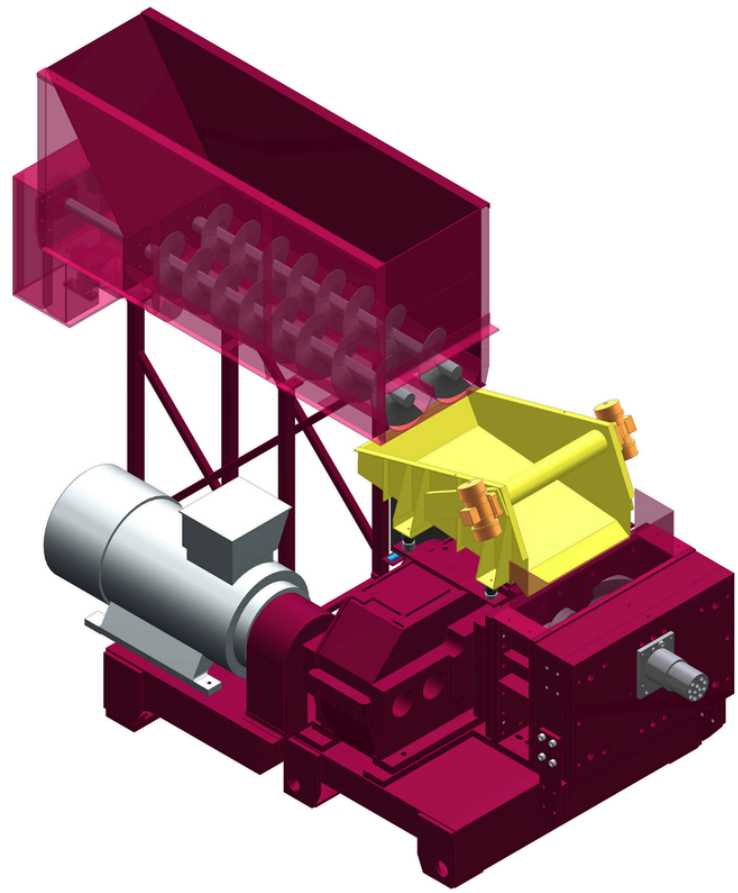


PROMEKO DENSIFIER



The Promeco Extruder System® Densifier is an extruder equipped with twin counter-rotating screws able to work continuously as agglomerator for different kinds of plastic, including heavily printed, contaminated and high humidity plastic materials.

SYSTEM FLEXIBILITY

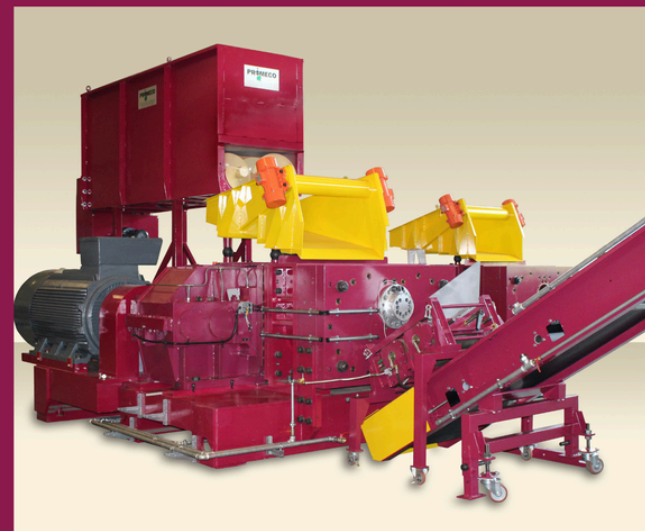
Waste has different size, water content, density and composition, therefore the PES densifier has been designed to handle this difference automatically in the best way.

- Melting 100% polymers
- Mixing of polymers and other fillers
- Degassing of inks and organic compounds
- Degassing moisture



ADVANTAGES

- Lower space required for the equipment
- Lower power installed and used than traditional systems
- Simplified maintenance time and costs
- High productivity and versatility
- Low management and operation costs



CAPACITY

The processing capacity depends mainly on the characteristics of the input plastics.

The average production is 1500 kg/h with input moisture < 15%.

INPUT MATERIAL

Plasmix, thermoplastic and plastic waste, PE from washing lines, PP, EPS, Tetrapak, LDPE, HDPE, Al+PE, polyolefins including nylon carpet, nylon fishnets (PA6), food packaging, blend of plastic and wood, plastic and rubber, multi-layer plastic, plastic from WEEE.



OUTPUT MATERIAL

- Fully melted and homogenized plastic
- Degassed material
- Fully mixed
- Size Ø 5 - 60 mm
- Dry densified, moisture < 1%

