



The best solution for:

- Recycling of materials with over 100% of print
- Recycling of contaminated or very dirty materials
- Recycling of materials with over 10% moisture
- Energy savings - 40% * (with ECOTRONIC®)



** the percentage varies depending on the type of production and the type of the line*





Gamma Meccanica specializes in designing equipment for the recycling of plastic materials and is always attentive to the needs of clients. Gamma is pleased to present a new line for the regeneration of printed and contaminated materials: the GM Tandem line.

This system, depicted below, consists of an AFT Compac® feeding system and two GM extruders arranged in “tandem.” The efficiency of the system is guaranteed by a very effective degassing, which, thanks to the vacuum is able to evaporate higher amounts of moisture produced during the treatment of printed material.

Two screen changers are utilized on the line thus ensuring better removal of contaminants.

At the end of the line is a TDA water ring pelletizer.



An important advantage of the Tandem line is the potential to have double filtration, especially in cases of heavily contaminated recycled materials.

Generally, the first filter has bigger hole diameters than the second filter, so that the first acts as a “degreaser” while the second, with smaller hole diameters, allows a more refined filtration.

In cases of specific requests, traditional slide plates or automatic back flush filters can also be used.

The degassing station installed on the GM Tandem is highly efficient in the treatment of materials with over 100% of print.

The system is based on the principle of creating a very large surface area of exposure of the material to high vacuum.

The secondary extruder is vented in order to ensure the removal of any remaining gas.



The TDA pelletizer allows the realization of uniform granules thanks to centrifugal force and water.



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The innovative design allows the user an easier start-up and quick production changes compared to previous models.





LINES

Tandem

Tandem



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The Tandem line shown below consists of: a forced feeding AF 2V equipped with dosage units for minerals, heavy ground materials and masterbatch; two GM extruders arranged in “tandem” consisting of a main 180mm extruder and a 180mm extruder with double vacuum pumps; and, a tank for recovery of H₂O.

Two screen changers are connected to the line to treat the highly contaminated materials.

At the end of the line is a TDA 6.0 water ring pelletizer.



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