



RECYCLING, A PRIORITY

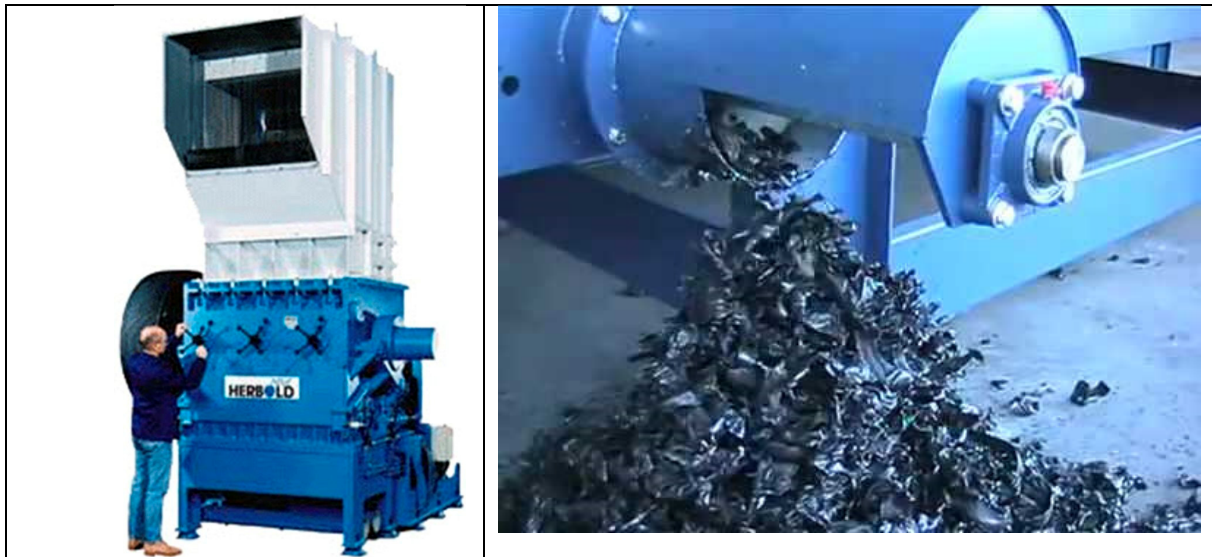
Qui est Paul ?
The French Touch

The company rotodesign is located in Auvergne, at YOUNX in the Puy de Dôme, since June 2014.

Its main activity is the manufacture of rotomoulded polyethylene furniture. The design of its products is made so that their lifespan is long and makes durable furniture over time while avoiding the user unnecessary over-consumption of ephemeral products.



However, the products manufactured are fully recyclable. Indeed when a product is used or non-compliant, it is cut into pieces and passed to the mill to reduce it to chips.



The chips are then passed through a compactor (kind of large mixer) to turn them into powder with an addition of polyethylene to bind the material. This powder will then be dyed dry with a dye adapted to the final color of the ground material (Ex: the dark grinds are tinted in black).



This material, called compound, being ready, it is only necessary to mold it again to make a new piece.

In this case it is reused to make garbage containers (photo below).



CREATION OF THE KYLIE COLLECTION

Rotodesign also used as a primary raw material resource, the recovery of plastic plugs, such as those used for milk bottles, fruit juices or similar.

All caps and colors combined, this set is crushed and comes in a form of multicolored granulas.



There is a mixture of 70% ground mash with 30% PEHD (high density polyethylene).

Once in cooking the result is remarkable and gave the idea to Rotodesign to associate this technique with their furniture range Translation.



Thanks to this process, they have been able to design an unprecedented range of garden furniture with recycled corks. The purpose of this product is beautiful and very design.



As a result, Rotodesign has come closer to the Bouchons d'Amour association in a participative spirit, but also in an ecodesign approach to achieve a warm and comfortable 100% recyclable. The purchase of this raw material enabled the association to finance equipment for the disabled and to participate in punctual humanitarian operations.



This edition of furniture was made with a limited edition of pieces because the production with the grind of corks remains a specific technique in this category of use, and despite everything expensive. Rotodesign wanted to demonstrate its know-how in recycling and let know that any material can be re-used at its fair value in an environmental and ecological context.



LES BOUCHONS D'AMOUR

Reconnue d'Intérêt Général, de Bienfaisance et d'Assistance



The recycled cork chair was also entitled to its child version called My First.Kylie



The children have very well perceived these plastic cap collection operations and have become the main actors for many years.



RECYCLING OF PACKAGING

Rotodesign also takes care of its image when it comes to using its packaging, the main one being cardboard. Some of their cardboard packaging is purchased from DROMEMBAL, which is the number 1 in France for recycling by recovery and reuse of cardboard containers.



Internally Rotodesign uses packaging that has already been used, so often with a mark that belongs to another brand. These cartons, like new and very solid, are reusable several times before being recycled into the paper industry. These packages cost 50% less than a new purchase.

For the packages sent in external customers the principle used is the same, but without marking, the cartons are neutral. They cost a little more, but it's still 30% cheaper than new. After use, if you get all your packaging from the customer, DROMEMBAL will buy your cartons to put back in the circuit (only condition of the good condition of the packaging). The only drawback, not all dimensions are available.



By using this system Rotodesign saves money and participates in its own way in the protection of the environment.

For packaging cartons that are no longer reusable a bucket is rented at Echalier Recyclage establishments in Saint Ours les Roches in the Puy de Dôme.



Only cartonnages are put in this bucket.

Once full, the bucket is recovered to be emptied and its contents recycled.



