



WASHING TANK mod. VL 1900x6 RR

This tank has been studied and made to treat large quantities of LD/HD/LLDPE plastic ground high contaminated films from foreign or combined plastics.

The polyolefin packing films, coming from differentiated collection, are hardly to be singled out from PVC nylon ones above all from the combined ones and for

this reason they are mixed when put into the recycling lines.

The *TECNOFER* tank has the function to separate perfectly the polyolefin film from other ones.

The news of this tank is that the product is put in under water level, as a matter of fact the 750 mm of water make a suitable pressure to prevent the floating of any product with specific weight higher than 1, sinking more or less slowly, while the polyolefin one will come to the surface without any contaminant.

STRUCTURE

The advancing system of ground film on the surface has been studied to distribute it perfectly by using 5 motorized rotors with alternatively concave or convex paddles, which guarantee an homogeneous product layer on water surface preventing stores up and dead points.

The new extraction of polyolefin product is done by a roller provided with holed sheet cups to discharge the product under water level, to drain the most part of water and to discharge the ground film outside the tank with very low water consumption.

The heavy residues extraction from the tank is guaranteed by the effective and tested Tecnofer system with 2 orthogonal augers.

Water control: In order to reduce at least the water used in the tank, besides the product extracting roller, we created an automatic control system which by a level indicator and an electro pneumatic valve maintain the lowest and constant water level to avoid any waste.

The water is made, complete with distribution systems of water to all the points and all the engines are previously cabled and reach an only point of electric control.

The tank is completely AISI 304 stainless steel-made, its finishing degree is the *TECNOFER* classic one and it is provided with side-platform with enter ladder and protection railings.

TECHNICAL DETAILS	
Dimensions	2100 x 6400 x 2650mm
Installed power	7,2 kW
Water use	YES
Gearbox	VSF kW 1,1