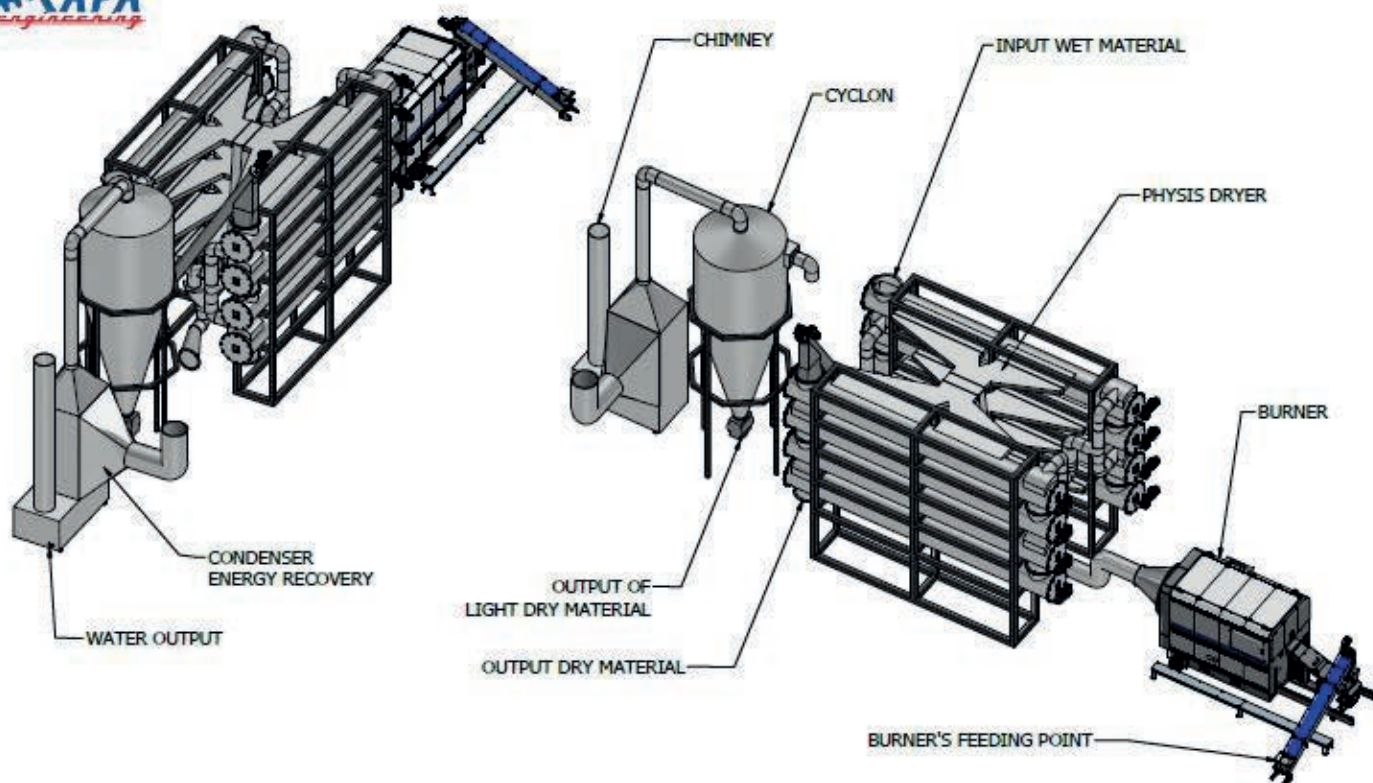
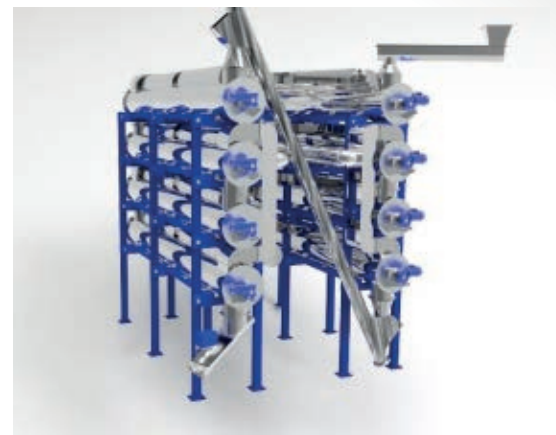


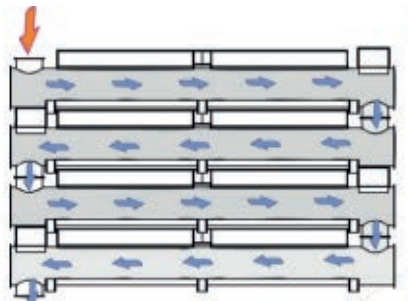
PHYSIS – INNOVATIVE DRYER FOR BIOMASS



1. BIOMASS DRYER "PHYSIS"



Innovative: PHYSIS dryers use low temperatures for the drying process while at the same time providing large quantities of dry air which is the vehicle for removing moisture in the system. The air enters the modules directly and along the entire route and is sucked in at the end of each treatment line.



Thus, with minimal consumption, as little heat is required, excellent drying is achieved without browning of the material, which retains its natural odor without releasing bad smells.

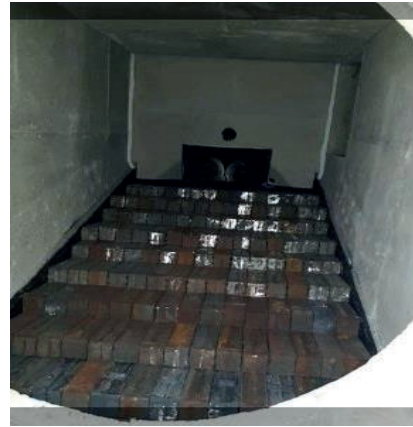
2. CYCLONE for Dust collection in Stainless Steel SS AISI 304

The cyclone has a typical cylindrical shape into which smoke/air is introduced through openings tangentially to make it assume a spiral motion. By the action of centrifugal force the coarser dust or ash will fall downward and be collected inside special containers, while the fumes will be drawn upward.



3. BIOMASS BURNER.

Fully automatic burner equipped with a moving-grate especially developed for the automatic combustion of dry olive pomace and moist wood fuels (waste wood, wood pellets or woodchips from forest thinning up to max. W30). It combines the benefits of underfeed combustion with the advantages of grate combustion to optimum effect. The biomass (fuel) is loaded by augers through a hopper and the ash is removed automatically from the combustion base and conveyed into a standard container.



4. CONDENSER

Stainless steel made AISI304L

Equipped with 1 fan x 4 KWh.

It condenses the process vapours and releases clean water.



5. CONTROL PANEL

Control panel with touch-screen monitor for monitoring and management of plant functions.



Go Green Pelleting Solutions Ltd.
8a Brindley Road, Reginald Road Industrial Estate, St Helens WA9 4HY
Tel: 01744 808600 www.gogreenpelletingsolutions.co.uk