

# Prodesa Belt Dryers

PRODESA Medioambiente is a Spanish engineering company specialised in providing drying solutions for the biomass sector.

It is more than ten years since they began working with the Swiss company W. Kunz dryTec AG, one of the European leaders in thermal drying technologies, under the brand Swiss Combi.

Over the last fifteen years, activities have evolved towards the bioenergy market, especially projects requiring drying of sawdust, wood chips and other biomasses for pellets production, gasification, cogeneration, etc.

**Belt Dryers**  
Wet material is evenly

dosed onto a belt, where an even layer is maintained. The product layer is transported through the dryer before being discharged into a screw, and recycled back over the belt, forming a second layer onto the first one.

By working with a two layers system, maximum saturation of the exhaust gas and therefore maximum energy efficiency is reached in addition to a more homogeneous final product. The emissions level is extremely low and generally less than 15 mg/Nm<sup>3</sup> of dust can be guaranteed. Moreover, the low tempera-



ture level of the drying air avoids any VOC's emissions or odours.

**Spain and Portugal**  
The Spanish and Portuguese markets are following the trend of the Central and Northern European countries. At the end of this year Prodesa, just in Spain and Portugal and for pelleting purposes, will have built six plants for the

annual drying capacity of over 300 000 tons of wood pellets, which together with the hundreds of references of Swiss Combi makes Prodesa one of strongest references in the biomass thermal drying European market, having long experience working together with the most relevant pellet mills manufacturers like Bühler, CPM, Andritz-Sprout or Promill-Stolz.

In the last years, Prodesa opened its path abroad being very active in numerous European countries where the company is now fully involved.

For further information visit us at the World Bioenergy exhibition Sweden (stand A04:09), or visit our web site [www.prodesa.net](http://www.prodesa.net).

*Text and photo  
Prodesa Medioambiente*

which the pellet production unit built by Umacon Oy will transfer into L&T Biowatti's ownership.

Production in Luumäki will start in the course of this summer. To start with, the plant will provide an annual capacity of some 20 000 tons and employ 4-5 persons. Preparatory measures have been taken to increase the plant's capacity in the future.

The Luumäki unit and a further plant due to start up in Suonenjoki towards the end of the year will improve L&T Biowatti's readiness to provide wood pellets mainly to the growing domestic market.

*Kari Labti, Area  
Director, L&T  
Biowatti*

## Corrections

Please note 2 correction in the previous issue of Bioenergy International, 2 - 2008:

Dragon Power owns Boiler Works Europe, and has a license agreement with Bioener.

Palazzetti pellet stoves range from 5 kW - 26,4 kW .

We apologize for these mistakes. /MK