

# Flex-control

## Module constructed control of furnace for bio-fuel



### FLEX-CONTROL

ensures optimum combustion.

### FLEX-CONTROL

is constructed in modules from basis

### FLEX-CONTROL

can be extended with flow measuring

### FLEX-CONTROL

can be extended with oxygen control

### FLEX-CONTROL

is flexible

### FLEX-CONTROL

a three-star European novelty, Agromek 2004

OVERDAHL ApS

Hjallerupvej 21 · DK-9320 Hjallerup · [www.overdahl.dk](http://www.overdahl.dk) · [overdahl@overdahl.dk](mailto:overdahl@overdahl.dk)

# Module Constructed Control of Furnace for Bio-fuel

Flex-control is a new digital control for stoker, straw burners and straw-fired district heating stations. The control is constructed in modules where the basic control can be extended with flow meter and oxygen control.

Added to this is a new measuring of bin, information of the boiler load, production and efficiency plus a service indicator telling the working hours adjusted for effect for the use of preventive service.

The basic control is programmed to dose the fuel ungraduated in order to sustain a preselected temperature and to ensure an automatic adjustment according to fuel type of the oxygen/fuel ratio.

The flow meter can quickly rectify for changes in the consumption for instance when starting and stopping of unit heater for drying room. Furthermore the control is supplemented with a measuring of the fuel amount in the bin, and the rest supply is shown together with

information of when fuel must be poured into the bin.

Flex-control has been developed by Overdahl ApS and was presented as a three-star European novelty at Agromek 2004. It is the third time that the company has obtained a three-star European novelty. The first time in 1996 for oxygen control, then in 1998 for straw-fired boilers where a new standard was set on the European market concerning the lowest CO and highest efficiency and finally in 2004 with the control Flex-control.



**Contact us for further information and an offer.**

*The above is subject to alteration.*

 **Overdahl ApS**

Hjallerupvej 21  
DK-9320 Hjallerup  
Denmark

www.overdahl.dk  
overdahl@overdahl.dk

Dealer: