

That's why we are the best choice

- ✔ *Project and research to make pellets and briquettes!*
- ✔ *We guarantee a homogeneous drying degree apart from the moisture percentage of the entering material!*
- ✔ *The drying type has been planned not to modify the material's characteristics and contents. The coming out material is ready to be transformed into pellets and briquettes!*
- ✔ *The crashing and mixing characteristics make uniform the coming out raw material size!*
- ✔ *Very easy use. The automatic cycle is regulated by only one button whose parameters are immediately displayed on the PLC!*
- ✔ *The dryer is assembled and started a few hours after the delivery!*
- ✔ *Very low installation expenses, since we need only one P System technician during the assembling and start-up assistance!*
- ✔ *Assistance by INTERNET (INTRANET)!*
- ✔ *Exclusive project giving the best output of the market!*
- ✔ *Fire safety thanks to the indirect use of the heating source and the low working temperature inside!*
- ✔ *Our system respects the rules in force about the safety and the dust emissions in the atmosphere thanks to our wide range of filtering systems!*
- ✔ *Automation by high quality hydraulic components and reliability!*
- ✔ *Recycling in production of all the dust made by the installation!*
- ✔ *World Exclusive!*
- ✔ *Production from min 100 kg/h!*

The next generation



The Best Choice



Dryers
The most compact dryer
of the market



P SYSTEM AUTOMAZIONE

ADMINISTRATION AND FACTORY:
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Functioning

A fixed amount of raw material usually wet - but not compulsory - is moved to the minisilo where a moisture sensor and the max level probe are installed.

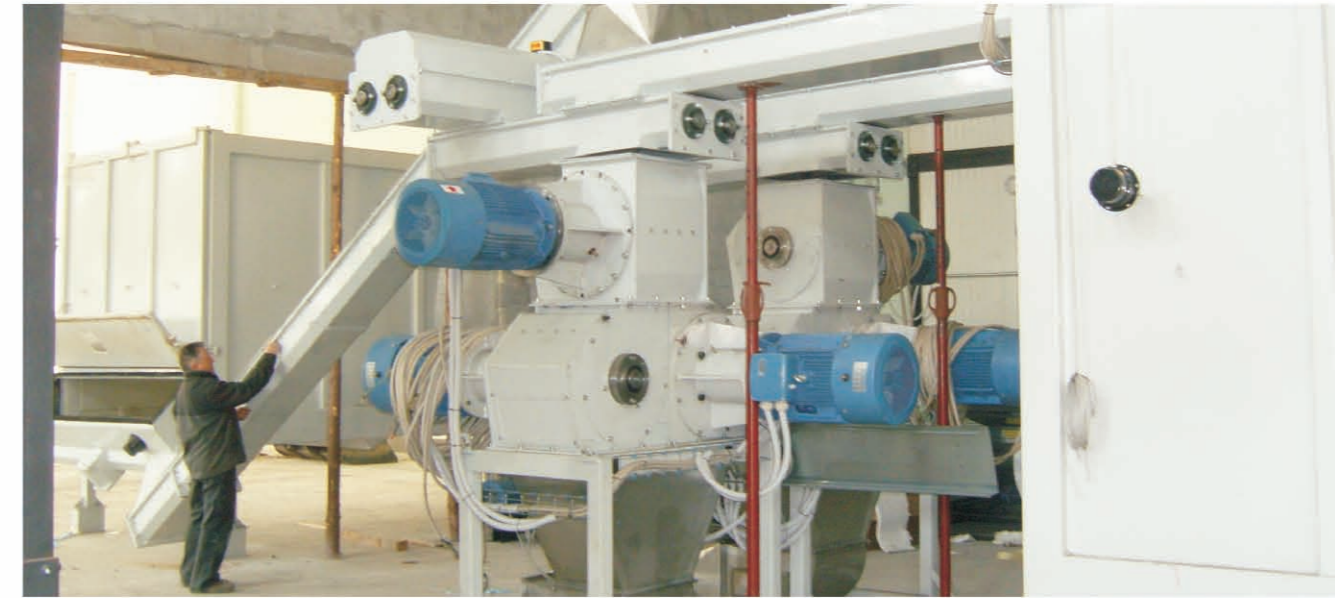
The material goes through some mixer-breakers by a hydraulic auger and then mixed with hot air coming from either air-water exchangers (max 80°D) or a boiler (max 160°D).

The whole process is continuously controlled and regulated by a PLC installed in the electrical control panel.

The material sucked by the fan is separated from the air mixed with condensation by one or more cyclones and then resent in the hot circuit.

When the reading probe in the minisilo detects some material presenting the moisture degree set in the PLC, it is discharged outside making space to the new one to exanimate.

The dried material is directed outside by a hydraulic auger made to discharge on a belt conveyor, another screw or a pneumatic transport.



**ENTERING
RAW MATERIAL**

*chip max
30x30x5 mm*

