

The market leader in drying with solar energy
and waste heat



DRYING OF FIREWOOD

AND BULK MATERIALS

WITH WASTE HEAT



MOBILE PLANTS

Flexibility is trumps

Do you want to use inexpensive waste heat without binding yourself to a heat supplier in a long-term commitment?

Is the location of your production site still unclear or do you want your drying plant to remain resaleable at any time?

If so, then the mobile plants from Thermo-System offer you the flexibility you need.



Function and technical features

- Mobile drying plants in the size of an unreeling container
- Fully automatic control with Siemens PLC
- All components such as ventilators, hot water pump, heat meter, solar collectors, control cabinet and sensors integrated
- Partial air circulation system controlled fully automatically with top energy efficiency
- Drying programs developed together with the University of Hohenheim specifically for low-temperature drying
- Durable and especially energy-efficient ventilators, therefore minimal electricity consumption
- Heating with waste heat from block-type thermal power stations or auxiliary heat from biomass boilers and solar energy

Advantages

- Total mobility: assembly and disassembly in less than two hours, no building permit necessary
- Transport by normal trucks for unreeling containers
- Minimal space requirement compared to drying with ambient air: dry up to 180 stere per square metre plant area and year!
- Use of free solar energy and low-temperature heat, therefore low costs for thermal energy
- Quick drying all year round – firewood in four to 10 days depending on the availability of heat!
- No capital tie-down through lengthy drying in ambient air
- Low-temperature drying schedules, therefore minimal heat losses and highest energy efficiency
- Drying as bulk material, in box pallets or in drying bags
- Only a few moving parts – minimal wear and tear
- Suitable for firewood, wood chips or other bulk materials


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