



**CATHILD** is the solution  
to boost your sales  
with ready-to-use wood.



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**2x** less consumption  
per m<sup>3</sup> of dried wood

**2x** faster cycles

Dries in 2 to 3 days

**90/120°C**

Maximum efficiency

High  
Temperature  
Drying

# FIREWOOD DRYER



CATHILD INDUSTRIE





# FIREWOOD DRYER



## Loading Flexibility

Our dryers adapt to your needs, whether with loose logs in openwork racks or in mesh Amplirol bins. This flexibility optimizes your loading and unloading operations, saving you valuable time.

## Energy Efficiency

Our dryers operate in a closed circuit, minimizing energy costs compared to open systems. In addition, the integration of WRG heat recovery units on the exhaust dampers reduces energy consumption by an additional 20%.

## SOLUTION 1

**Drying by Hot Air-Conditioned system 85/90°C  
with biomass boiler**

### Cycle time of 4 to 6 days

This solution can only be considered for two or three dryers. Indeed, a wood-fired boiler cannot safely operate below 35% of its installed power; however, the firewood drying process requires very high power at the beginning of the cycle, as opposed to low power at the end. Only one or two dryers would result in operation in the risk zone.

## SOLUTION 2

**Drying by High Temperature system  
90/120°C**

### Cycle time of 2 to 3 days

MGTT system with direct gas burner or HAC system with overheated water 140°C biomass boiler.

## Experience the power of Solution 2

Drying time **divided by 2**

Thermal and electrical energy costs **reduced by 50%**

Installed electrical power **reduced by 50%**

Number of dryers to be installed for equivalent production  
**divided by 2**

Floor space and civil engineering **divided by 2**

**CATHILD INDUSTRIE**

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