

PLANT FOR PRODUCTION OF TORREFIED FUEL FROM PLANT WASTE



Samples of torrefied biomass

Samples of torrefied fuel

Areas of Application

The plant is designed to produce torrefied fuel from plant waste as alternative to coal (anthracite group) and can be burnt together with coal at CHPPs or individually, in domestic boilers

Specification

| | |
|------------------------------|---------|
| Output of torrefied fuel, % | 50–65 |
| Carbon content in fuel, % | ~70 |
| Combustion heat, MJ/kg | 20–23 |
| Torrefaction temperature, °C | 160–340 |

Advantages

The plant has no counterparts. It is mobile, operates in autothermal mode, does not require any additional energy, and has a simple configuration that enables to use it at private farms and houses



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Stage of Development. Suggestions for Commercialization

IRL4, TRL4
Seeking partners for serial production;
customized design, upon request

IPR Protection

IPR3

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