



DYNAMIC WATER COOLED STEP-GRATE

1-100 MW

Semi-water cooled, fully-water cooled, or hybrid grate combustion technologies integrated into modern solid fuel combustion boilers. Capacity of combustion systems is in range between 1-100 MW. The special design of combustion system allows to efficiently combust most complex fuels, such as various bio-fuels, agri-fuels, recovered waste fuels in a controllable manner.

The advantage of the dynamic water-cooled step-grate solution:

- Flexibility for wide range fuels and their mixtures
- Stable and controllable combustion process
- Developed to meet very strict CO, solid particles, NOx emissions
- High availability and reliability parameters
- Focus for maintenance and support activities
- Wide load range from 30-100 % in thermal power

CLEAN ENERGY TECHNOLOGY
VYNCKE



DATA

Capacity between 1-100 MW
Solutions for hot water, steam, hot air,
thermal oil and electricity production



TYPICAL FUELS

Biomass based fuels: wood residues, recycled or demolition wood, urban wood waste, etc.
Afri fuels: various husks, cashew nut shells, corns, spent coffee grounds, etc.
Solid waste fuels: SRF, RDF, waste-streams and various mixtures.



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