



Based on over 20 years experience we offer universal boiler houses solutions, specially designed for wood-processing enterprises, where wood wastes from planing and other value-adding processes are collected and used for heat production.

Major part of our solutions are fit the capacity range 0.5-5.0 MW, where we offer complex approach – from design and production to daily customer support.

Our technical solutions ensure efficient use of both wet wood-wastes (sawdust and woodchips, moisture content up to 50%) and dry wood-wastes from planing (shavings, polishing dust, sawdust, moisture content up to 30%).

Solutions from Hekotek include boilers (heat exchangers) from leading Scandinavian producers, while Hekotek makes complex engineering design and produces automatic fuel feeding conveyors for boiler houses.

GENERAL AND TECHNICAL CHARACTERISTICS

- Boiler houses of 0.5 – 5.0 MW capacity
- Different fuel feeding system solutions – from circular silo or from walking-floor fuel storage
- Furnace options: moving bed or spreader
- Furnace walls and air-channels design ensure steady burning and water vaporization
- Requested temperature of hot water pipeline is regulated by automatics so that the temperature regime of the boiler water is undisturbed
- Fully automatic, visualized control and monitoring system allows operating the boiler via computer network and does not require constant operator attendance.



REFERENCE LIST OF BOILER HOUSES DELIVERIES

Estonia:

Aru Grupp AS (Lääne-Virumaa) –
2 boiler houses, 1.0 and 2.0 MW
Glaskek AS (Tartumaa) – 2.0 MW
Haapsalu Uksetehas –
2 boilers, 1.0 MW each
Jumek AS (Puka ja Kääpa) –
2 boiler houses, 0.8 and 1.0 MW
JELD-WEN Eesti AS (Rakvere) – 4.0 MW
Rait AS (Tartumaa) – 2.0 MW
Stahlhut AS (Tartumaa) – 2.0 MW
Tapa Mill OÜ – 3.0 MW
Valmos OÜ (Pärnumaa) – 4.0 MW
Viljandi Aken ja Uks – 2 boiler houses,
1.2 MW each,
as well as a number of other enterprises
in Estonia.

Over 100 various fully automated wood waste-
burning boiler houses (incl. pellet-burning ones)
currently operate at our customers' in Russia
and the Baltic countries.

Lithuania:

Astmedas (Kietavickes) – 1.4 MW
Jonavos energetikas (Jonava) – 1.6 MW
Jundos staliu gaminiai (Alytus) –
2 boiler houses, 0.84 and 1.2 MW
Nilma (Kaunas) –
2 boiler houses, 1.6 and 2.6 MW

Russia:

Arkhbioenergo (Arkhangelsk) –
4 boiler houses (pellet-burning),
total capacity 13.5 MW
Royal Wood (Irkutsk) – 4.0 MW
(wood waste-burning)
Titan Group (Arkhangelsk) – 0.8 MW
(pellet-burning)

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POWER OF COOPERATION

OUR CUSTOMERS' SUCCESS IS OUR ULTIMATE GOAL

Increased value of processed timber can only be achieved through
effective solutions ensured by close cooperation with our customers
and suppliers. We strongly believe that best solutions are based on
cooperation.