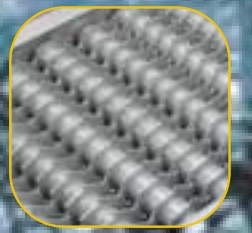


CZECH EXPORTERS DIRECTORY/2004



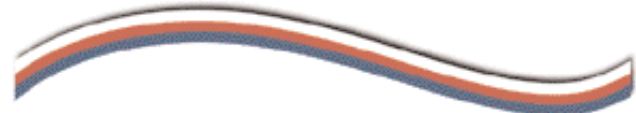
Czech Biomass Team



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HAMONT – Contracting and Trading spol. s r. o.

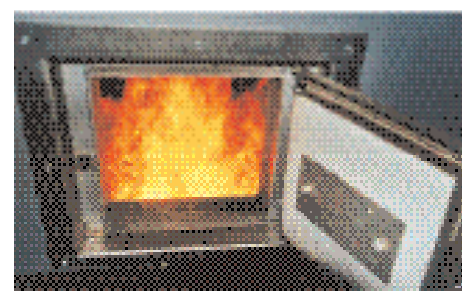
Was founded in 1955 with the objective of manufacturing ecological biomass fired warm-waters boilers.

Boilers of upto 100 kW for burning of pellets, wood-chips, sawdust and other wooden waste are manufactured according to the design of KWB – Kraft und Wärme aus Biomasse GmbH, St. Margarethen, Austria under licence agreement with exclusive sales-right in the countries Czech Republic, Slovakia, Poland, Lithuania, Latvia, Estonia, Sweden and others. Boilers from 125kW upto 500 kW are based on the KWB experiences on burning and heat-exchanging methods but develop in our company.

From 1996 on HAMONT has been manufacturing boilers in the capacity range from 15 to 500 kW whereas the feeding system and the fuel used is giving the name of the respective type.

Almost 80% of the production are being exported to Austria where the component parts of the boilers are assembled and sold to EU-countries.

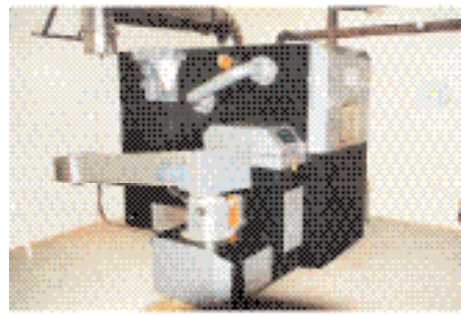
In the year 1999, we began our activities in the Czech market. Our research of the Czech Republic has found out that the largest gap in the Czech market lies in outputs between 100 up to 500 kW. Our company began likewise to concern itself with cultural and publication activities in the field of utilizing renewable energies with emphasis on the utilization of biomass. Here we have much experience, particularly in the functioning of automatic combustion systems abroad. At the present time, there are dozens of boiler-houses in operation thought the whole of the Czech Republic that are equipped with our automatic boilers. In the year 2003, the company began expanding its operations in the Slovak Republic, where four boiler-houses are now in operation. Eastern Europe is especially a further goal for our expansion.



Design of kettle and combustion system
No compromises, recognized innovation

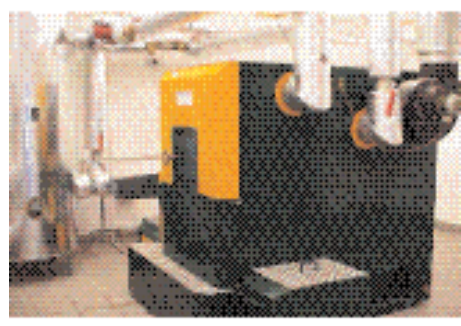
The boiler has a special combustion system that was developed at the Technical University in Graz.

The burning takes place on a plate burner through the middle of which a control unit supplies the fuel. The fuel feed is taken care of by the double-bearing, wolfram-carbide coated screw coueyor. There is a primary, secondary and tertiary feed of air into the burning process by means of a circular blower with rotation speed control. The construction of the burners ensures that there is a strong turbulence in the symmetrical ring burner and thus that the flame is short. This results in a very hot flame under optimal burning and vaporizing conditions. The hot burn-out zone leads directly across a tubular heat exchanger. There is easy access to the whole burner system by means of the large, multiple-insulated doors of the combustion chamber. A sensor for the level of fuel regulates the amount of fuel necessary at a given time. The whole system makes perfect combustion possible, and a boiler efficiency of 96 % is achieved.



Protection against deflagration
Your safety is of the greatest importance to us!

Many details bear witness to the conscientious construction of all the equipment. The safety systems have multiple steps and are independent of each other. They are easy to control and consist of tested units that are secured against deflagration. These units have a safety fire damper that is gas-tight and secured against deflagration and a sprinkler system that is independent of the installation. In addition, there are a temperature control and a safety temperature limiter. The safety fire damper and the sprinkler system operate independently even when the supply of energy is interrupted. The sprinkler system is supplied from a tank which is a part of the system and has a control for the level of filling. The equipment also has a limiter for the fuel in the burner and an electronic and mechanical-electronic control for ignition.



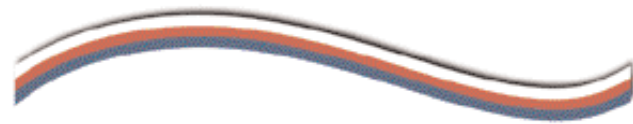
Heat exchanger
Compact construction, highest efficiency

Self-cleansing mechanism, standing, symmetrical: one of the company's many innovations in the field of heating with biomass. Integrated turbulators with a self-cleansing function ensure maximum, long-lasting efficiency of the equipment. The high temperature of the smoke in the input area of the heat exchanger directly following the turbulent burning zone ensures the fast exchange of heat and thus the intensive heat convection of the water – this is made possible by the compact manner of construction while the highest efficiency is maintained. The heat exchanger is optimally insulated, which reduces heat loss to a minimum.





MONTICOM – obilní technika, s.r.o.
763 14 ZLÍN 12 - VELÍKOVÁ, FARMA ZD
CZECH REPUBLIC
<http://www.avonet.cz/monticom.obiltech/>



THE MONTICOM – obilní technika, s.r.o. (MONTICOM – CEREAL TECHNOLOGY LTD.)

Company has been active on the Czech market and foreign markets since 1995.

When starting up the company and during its further development, the founders relied on their many years of experience in the field of processing and storing cereals and with lines for drying and making pellets from shavings.

The company's headquarters in Zlín – Velíková contains production and storage areas, including administrative buildings, to the extent necessary for realizing production programs and fulfilling customer requirements.

The company has assembly equipment and experts for a given activity, which it carries out as a complete service:

- Consultation and working up studies
- Getting investors' approval of studies, working up documentation for construction proceedings
- Working up project documentation
- The supply of machines and equipment, including assembly
- Function tests, the handing over of documentation and final records

PROCESSING GRAINS AFTER HARVEST

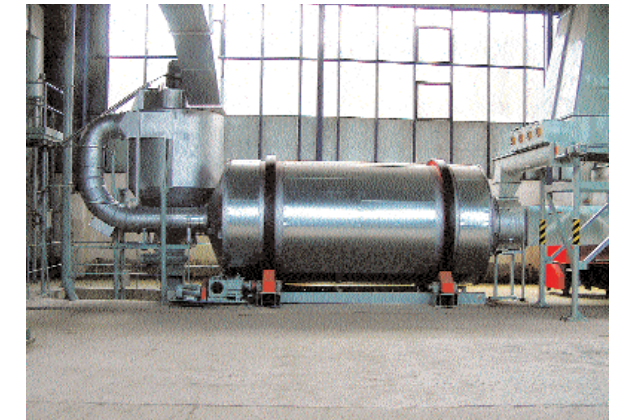
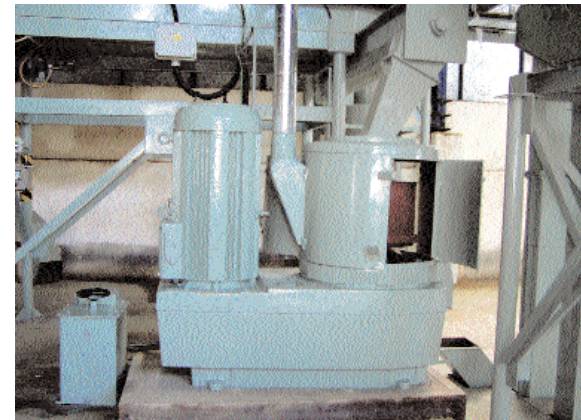
The capacity of post-harvest lines for pre-cleaning, cleaning and storing cereals depends upon the investor's requirements and comes in lines having the capacity of 20, 40, 70, 120 and 220 tonnes/hour. Transport technology is supplied in standard designs that are painted, galvanized or designed for food industry purposes. We use bulk conveyors, belt conveyors, and screw tube and screw trough conveyors for transporting cereals. We'll supply machinery for food industry production according to the character of production and either painted with food industry coatings or in stainless steel designs.

The technology for pre-cleaning and cleaning depends on the transport capacity of the lines. Pre-cleaners and cleaners are either domestic ASP 750 models after complete overhauls or Petkus models also after complete overhauls. Depending on the character of the post-harvest lines, we can supply any pre-cleaner and cleaner currently made by foreign manufacturers.

Storage capacities are according to the requirements of the investor-user as follows:

- Primary warehouse with active ventilation
- Vítkovice towers with a capacity of 400 and 1000 tonnes and flat bottoms or conical hoppers with active ventilation
- Steel storage containers for storage in halls with active ventilation and having various storage capacities.

RIELA driers with outputs of 5 – 50 tonnes/hour can be supplied when creating the capacity of storage areas.



Drying and Pelletizing Lines for Processing Biomass

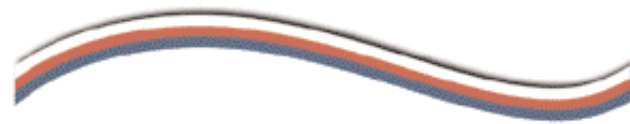
BS-6 drum driers are the primary component of drying lines made for drying shavings or other commodities (sorrel). The drying process is controlled automatically based on the output moisture of the product being dried.

The heating medium can be light heating oil, natural gas, sawdust, or wood chips.

Before drying the shavings are sorted on a grading sieve and contaminants (rocks, wood, iron) are removed. After drying, the shavings are ground into 3 mm fractions and via pneumatic transport, an elevator or screw conveyor, are transported to the maturing storage tank. From here they are dosed into a domestic pelletizing press having an output of 1 –1.2 tonnes/hour of pellets having an 8 mm diameter. Presses made by foreign manufacturers can be utilized in the line. These presses have outputs between 0.8 to 3 tonnes/hour with pellet diameters of 6 and 8 mm.

After being pressed, the pellets are cooled, loose bits are removed, and the pellets are bagged on a packaging line according to requirements in 10, 15, 20 or 25 kg bags.

The company provides guarantee and post-guarantee service on all supplied machines and equipment.



PONAST spol. s r.o.

With headquarters in Valašské Meziříčí is a Czech company that, among other things, manufactures automatic boilers for pellets.

- Automatic boilers for wooden pellets
- Output range 4.5 – 200 kW
- Certification according to Czech standard ČSN EN 303.5
- CE
- Manufacture – planning – assembly – service
- Consulting

Automatic boilers of the KP series in the models KP 10 / KP 20 / KP 50 cover the output range of 4.5 to 48 kW; when the boilers are operated in a **cascade connection**, they cover output ranges up to 200 kW.



The boilers are equipped with a furnace chamber and a combustion chamber that satisfy modern requirements for efficiency and ecologically clean combustion. They enable the burning of lesser quality fuels with excellent results. **The furnace chamber has a self-cleansing capacity, even with fuels that form slag.**

The type of boilers used is highly variable from the point of view of their possible arrangement and of the fuel supply in the building.



Apart from controlling the operation of the boiler, the preferential heating of hot water and the attachment of a room thermostat, the boilers are equipped with a modern control unit that allows for the control of the automatic ignition of the boiler and the connection of the boilers in a cascade or superimposed control system.

The boilers can be equipped with electric heating coils for supplementary heating of the building.

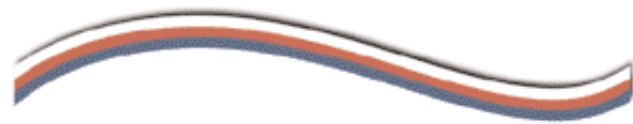
The boiler's high measure of safety against the re-ignition of fuel is ensured by the system of separate fuel transportation lines, in addition to the protection provided by the control unit.



PARAMETER	UNIT	KP 10	KP 20	KP 50
Nominal output	kW	15	25	48
Regul. output range	kW	4.5 – 15	7.5 – 25	14 – 48
Fuel consumption	kg/hour	cca 1.25 – 3.70	cca 1.8 – 6.25	4.0 – 12.5
Fuel consumption per season	T	cca 1.6 – 5.5	cca 2.5 – 7.5	5.0 – 15.0
Efficiency	%	88	86	91.5
Class of boiler		3	3	3
Weight	kg	210	270	390
Amount of water	l	58	87	105
Diameter of smoke-flue	mm	145	145	160
Connection of heating/return water		G 1 1/2	G 1 1/2	G 1 1/2
Dimensions (wxdxh)	mm	360x1065x1420	500x1065x1420	745x1285x1630
Working over-pressure of water	bar	up to 2.5	up to 2.5	up to 2.5
Required draft of smoke-flue	Pa	cca 10 – 20	cca 10 – 20	cca 30
Connection voltage	V/Hz	230 / 50	400*/230/50 Hz	400*/230/50
Electrical output	W	cca 200	cca 200	cca 250



SG STROJÍRNA S.R.O.
NÁDRAŽNÍ 166, 342 01 SUŠICE
CZECH REPUBLIC
<http://www.sg-stroj.cz>



SG strojírna s.r.o. Sušice

The company SG strojírna s.r.o. was founded in 1999 on the foundations of the factory Machine Workshops of the company Solo Sušice.

At the present time, we devote great attention to supplying of equipment for the production of briquettes and pellets from biomass. The performance and type of the production lines we offer are exactly suited to the raw-material sources of the customer, whereby we are capable – thanks to the modern CAD software in our design office – of taking into account the spatial disposition in the concrete operation sites.

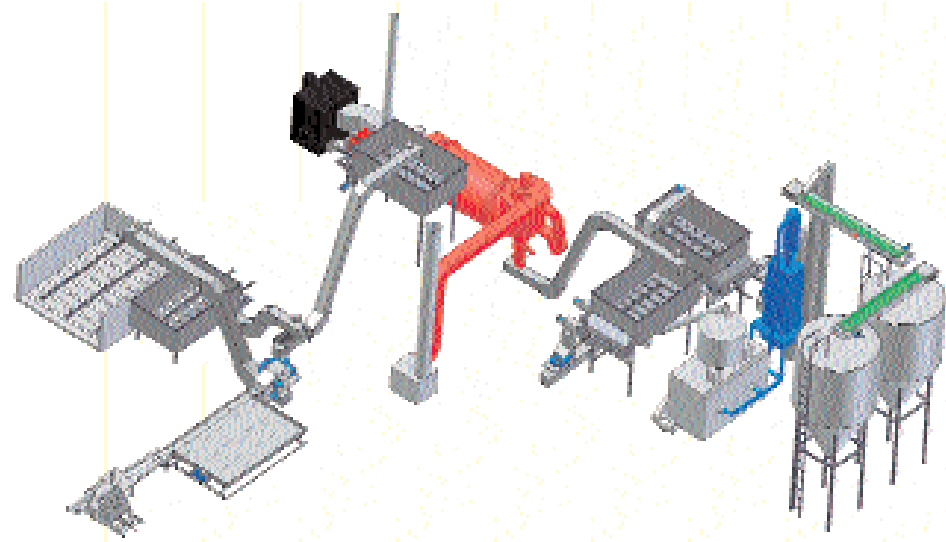
With regard to the gradual growth in the importance of processing alternative sources of energy – above all straw, fast-growing species, sorrel etc. – the company offers today complete solutions of lines for the preparation and transportation of bio-fuel to the kettles.

Machines and equipment for the utilization of wood residue are the main production items of the company SG strojírna s.r.o. Sušice. The company has more than a sixty years tradition in the design and manufacture of such machines. Proof of this is the fact that SG strojírna s.r.o. is able to offer its customers the means for processing every kind of wooden waste to just the right fractional size, which enables the customer to use it further in accordance with his needs. The finished sizes from our machines are suitable for combustion in various types of kettles, for the production of agglomerate materials, briquettes, pellets etc.

We supply chippers for wooden waste for the processing of sawmill waste. A large number of such machines are in operation in sawmills. Our offer contains such a high-performance line of chippers that the standard needs of the lumber industry are covered. As a rule, the machines are delivered in a combination, including an input vibration conveyor and a metal detector.

Piece waste, for example from cabinet-maker production, can be processed in crushers for wooden waste, the construction of which is adapted to the kind and size of the material being processed. We manufacture the crushers in both a horizontal and a vertical version. There is also in our assortment a unique construction of a vertical crusher which was developed by us that utilizes for the pressure of the material the motion of the whole input hopper, thus making the processing of even larger kinds of waste possible.

We manage the further preparation of crushed or chipped waste to a very small size by means of hammer or knife mills. The fine fraction from these machines are meant mainly for the production of pellets or briquettes, or, in some cases, also for burning.



Crushers for bark are mainly installed in log conversion depots for round timber and in sawmills that are equipped with debarking machines. They are suitable, for example, for the preparation of mulch bark, fuels etc.

For use outside of a permanent site, we offer two types of mobile chippers, carried on a three-point hanger of a tractor. The greatest use of such machines is in caring for park greenery, in cleaning up after timber operations and in maintaining of stand along roads.

For the separation of the individual raw-material sizes, we supply disk, rotation, vibration or suspended separators.

For the transport of the raw material to the machines and for the transport of the finished fractional size, our company has developed various kinds of suitable transport systems – vibration tables, belt, bulk and worm conveyors, elevators etc.

Various combinations of the machines mentioned above are, as a rule, components of equipment supplied by us. Thus we are able to offer complete solutions for whole processing lines for wooden waste and other kinds of biomass.

Besides the manufacture of these machines and equipment, our company cooperates with many domestic and foreign firms in supplying various machine parts.

Our technical solutions are always adapted to the needs of the concrete customer. Should there be interest in some of our machines, we will gladly work out a price offer for the customer in accordance with his requirements.

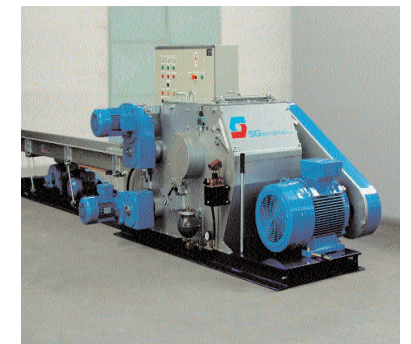
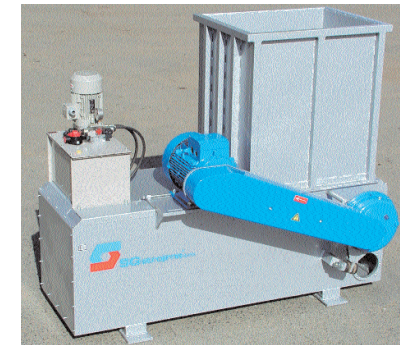
SG strojírna s.r.o. is a holder of the certificate EN ISO 9001:2001.

We deliver

- Production lines for pellets and briquettes made from wooden waste and other kinds of biomass
- Technological lines for the evaluation of wooden waste
- Equipment for the preparation of fuel from biomass and its transport to the kettles
- Chippers for wooden waste for an amount and output according to the customer's requirement
- Crushers with feeding counter-blade
- Crushers with hydraulic thrust
- Crushers with hydraulic feeding hoppers
- Crushers for bark
- Hammer and knife mills
- Mobile chippers
- Separators – disk, vibration etc.
- Transport systems- belt, worm, bulk, chain and vibration conveyors, elevators, vibration tables etc.
- Single-purpose and special machines or their components

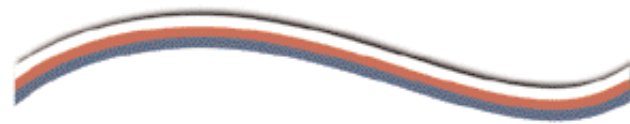
REFERENCES:

SG strojírna s.r.o. delivers its products to customers in the Czech Republic and abroad, including Germany, Slovakia, Russia, Greece, Portugal, Canada etc.





TTS EKO S.R.O.
PRŮMYSLOVÁ 163, 674 01 TŘEBÍČ
CZECH REPUBLIC
<http://www.ttseko.cz>



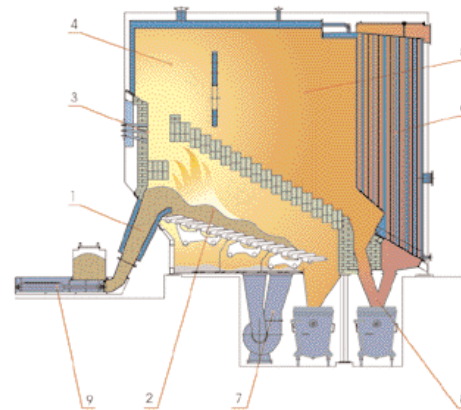
WARM-WATER BOILERS VESKO-B

ENERGY FROM BIOMASS

Within the framework of its ecological program, TTS eko s.r.o. concerns itself with the utilization of energy that arises from the burning of biomass. The basic criterion for comparing this alternative source of energy with the classically used energy system based on the burning of fossil fuels is to what extent it influences the environment. Whereas the burning of coal, petroleum and natural gas releases carbon dioxide into the atmosphere, which is one of the most significant "greenhouse" gases, the emission of carbon dioxide isn't increased by the burning of organic fuels, as practically the same amount of carbon dioxide released in the burning is consumed from the atmosphere during the photosynthetic processes when the organic biomass is created. By substituting the previous burning of brown coal with the burning of biomass, the emission of sulphur dioxide and heavy metals is eliminated.

MAIN PARTS OF THE BOILER

- 1 Input nozzle
- 2 Grate
- 3 Secondary air
- 4 Whirl chamber
- 5 Burn out chamber
- 6 Tubular exchanger
- 7 Primary blower
- 8 Ash removal
- 9 Fuel charging press



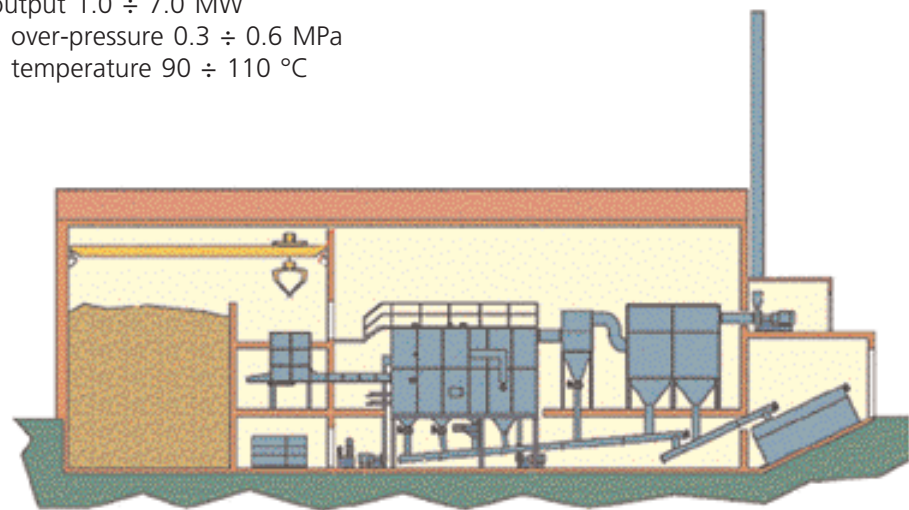
PURPOSE

VESKO-B boilers are designed for heating plants of a central heating supply. The conception of the VESKO-B makes it possible to manufacture a boiler having optimal parameters in accordance with the concrete requirements of the warm-water net, and that within the range of the parameters.

Thermal output 1.0 ÷ 7.0 MW

Operating over-pressure 0.3 ÷ 0.6 MPa

Operating temperature 90 ÷ 110 °C



DESCRIPTION

The VESKO-B boiler has a self-supporting, entirely welded box construction. The lower part of the boiler forms the furnace chamber with a slanted sliding grate. The grate is controlled by a hydraulic mechanism and is cooled by conditioned primary air. A pressurized section is placed on the furnace chamber. The boiler is furnished with thermal insulation and is covered by a steel sheet with a plastic cover. Fuel is transported into the boiler by means of a hydraulic charging press. The fuel is pressed through a heating tunnel (heating by hot water) and is preliminarily dried before coming to the burning grate. The boiler is furnished with an automatic control mechanism which can operate in either an autonomous mode (without using a super-imposed computer) or a mode controlled by a central computer for the whole boiler-house.

REFERENCE

Technology VESKO-B 3.0 MW

Location Boiler-house K13, Třebíč

Investor Třebíčská tepelná společnost s.r.o.

Designer TTS eko s.r.o.

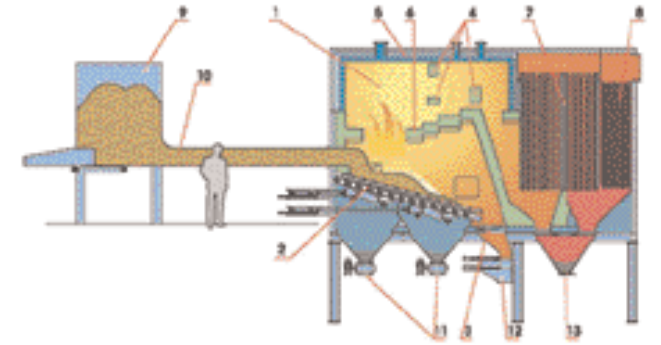
Put into service Dec. 2001

(photo)

Store of fuel

Vesko-B 3.0 MW

Control automat Source of compressed oil



FUEL

The VESKO-B boiler burns biomass on a sliding grate above which a favourably shaped vault draws off the counter-current arrangement of the combustion products, which helps to shorten the time for drying out the fuel. This construction of the furnace chamber, along with the use of a fuel transport by means of a hydraulic discharger with large through-flow capacity, makes it possible to burn wooden material of a lesser quality which originates when wood is processed in sawmills, or during lumbering or cultivating operations in the forests. Thus there is a mixture of sawdust, clippings, bark, wood chips, shavings etc. The system of fuel charging corresponds to the kind of fuel used. The biomass is transported from the fuel stocks to the vertical interim storage, from where it is transported to the furnace chamber of the boiler by means of the hydraulic fuel charger.





ADVANTAGES OF THE CONCEPTION

Self-cleansing capability of the boiler

Slanted grate, shape of the ceramic vault, removal to ash container without having to crush the slag permits the burning of very fusible material. The large burn out chamber with the correct slant of the vault eliminates up to 40 % of the escaping light ash. The cooling down of the combustion products in the burn out chamber to a temperature lower than the melting temperature of the light ash prevents it from being baked onto the fire tubes of the exchanger.

The vertical orientation of the fire tubes of the exchanger prevents the coating of the exchanger with drifting light ash, which is led off from the reversing chamber into the container.

Large through-flow capacity of the boiler

A complex system of feeders having a lineal reversible motion causing by hydraulic cylinders forms the transport routes of the fuel. The complete route has large through-flow capacity (minimum cross-section 1200 x 280 mm). The transport route is not inclined to blockage (screw feeders or turnstiles, for example, are not able to transport uncrushed bark, and they are inclined to become blocked through the influence of the chords of uncrushed bark). The transport routes are able to transport even a large percentage of non-combustible admixtures (rocks, pieces of steel etc.).

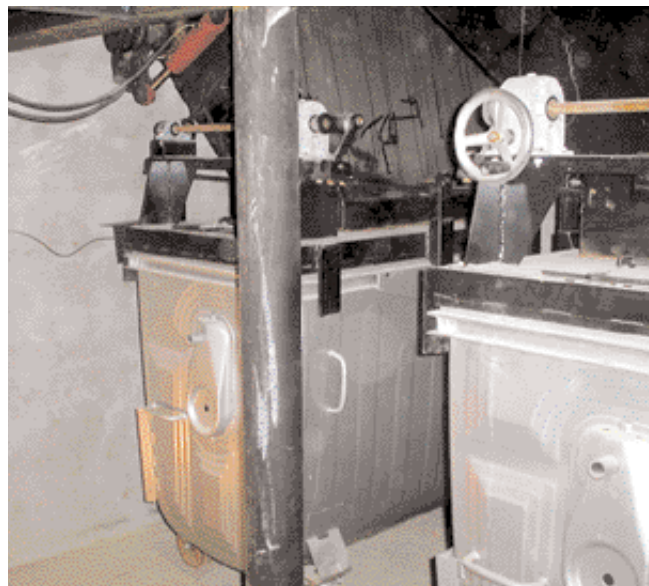
Container for grate ash

Grate ash falls into a container which is connected by a special mechanism directly with the boiler; together with the boiler, it forms a single space. There is no closing element included which could reduce the through-flow capacity for the ash.

Perfect automation of the boiler

The combustion has been perfected on the basis of under-pressure in the combustion chamber and through a surplus of oxygen in the combustion products. The fuel feed and the movement on the grate is regulated in accordance with the fuel's characteristics. All measured quantities, interventions of the safety equipment and defects are transmitted to the dispatching system.

BOILERS FOR THE COMBUSTION OF BIOMASS
COGENERATION FROM BIOMASS
GAS BOILERS
PRESSURE VESSELS
MACHINE MANUFACTURE
CONSTRUCTION WORK
ENGINEERING



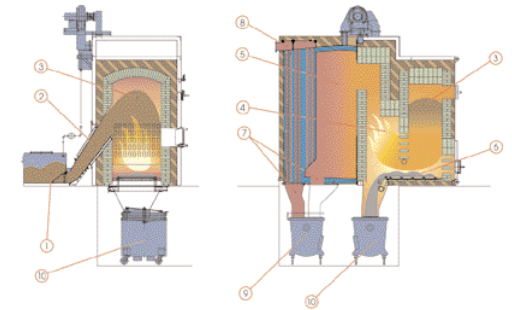
MULTIVALENT WARM-WATER BOILERS

ENERGY FROM BIOMASS

Within the framework of its ecological program, TTS eko s.r.o. concerns itself with the utilization of energy that arises from the burning of biomass. The basic criterion for comparing this alternative source of energy with the classically used energy system based on the burning of fossil fuels is to what extent it influences the environment. Whereas the burning of coal, petroleum and natural gas releases carbon dioxide into the atmosphere, which is one of the most significant "greenhouse" gases, the emission of carbon dioxide isn't increased by the burning of organic fuels, as practically the same amount of carbon dioxide released in the burning is consumed from the atmosphere during the photosynthetic processes when the biomass is created. By substituting the previous burning of brown coal with the burning of biomass, the emission of sulphur dioxide and heavy metals is eliminated.

MAIN PARTS OF THE BOILER

1. Fuel charging press
2. Cooling nozzle for the fuel input
3. Combustion shaft
4. Combustion chamber
5. Cooling burn out chamber
6. Discharger of "grate" ash
7. Light ash removal
8. Outlet for combustion products
9. Container for light ash
10. Container for heavy ash



PURPOSE

MULTIVALENT boilers are designed for heating plants of a central heating supply. This conception makes it possible to manufacture a boiler having optimal parameters in accordance with the concrete requirements of the warm-water net, and that within the range of the parameters.

Thermal output 0.5 ÷ 1.0 MW

Operating over-pressure 0.3 ÷ 0.6 MPa

Operating temperature 90 ÷ 110 °C

DESCRIPTION

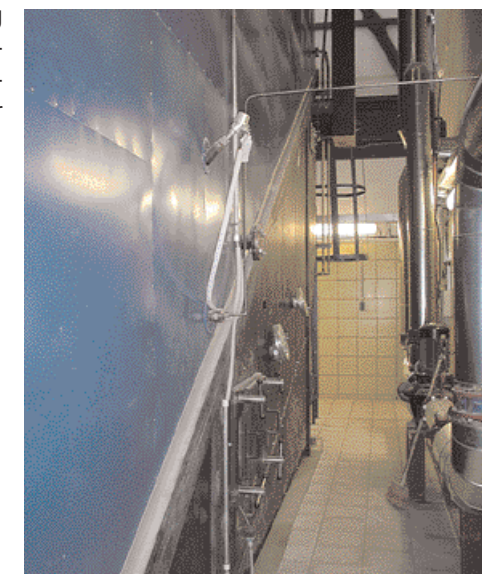
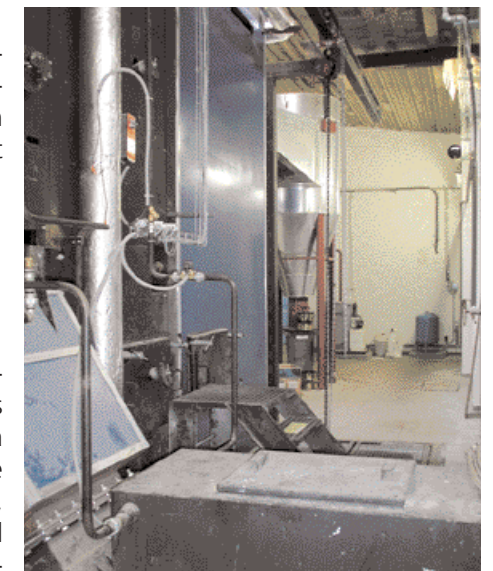
The boiler has a self-supporting, entirely welded box construction. The combustion chamber of the MULTIVALENT boiler is designed for the burning of wooden waste products having a relatively high amount of moisture and low heating power. The fuel is charged into the warming shaft; in the middle section, it is first of all dried out; in the lower section, primary air is led in through a ceramic grid and substoichiometric burning is initiated. The fuel becomes vaporized and the gas thus formed is burned in a regulated manner on the ceramic under-burning grid. The combustion products proceed further into the non-cooling burn out chamber where they are kept at a high temperature, thus ensuring the perfect combustion of the fuel after secondary air has been led in.

REFERENCE

Designation of construction MULTIVALENT 1.0 MW
Location of construction Rožďalovice-Záměstí
Nymburk County
Investor Jaroslav Taraba - Tados
Put into operation Dec. 2002

Store of fuel

Multivalent 1.0 MW
Ash management
Fan + multicyklone.



FUEL

The MULTIVALENT boiler are designed for the burning of wooden waste of high moisture content. The construction of the furnace chamber, along with the use of fuel transport by means of a hydraulic discharger with large through-flow capacity, makes it possible to burn wooden material of lesser quality which originates when wood is processed in sawmills, or during lumbering or cultivating operations in the forests. Thus there is a mixture of sawdust, clippings, bark, wood chips, shavings etc.

ADVANTAGE OF THE CONCEPTION

SELF-CLEANSING CAPABILITY OF THE BOILER

Ash from the shaft is discharged by means of a hydraulic discharger into the container for heavy ash. The large after-combustion chamber eliminates up to 40 % of the light ash, which falls into its own container. The cooling down of the combustion products in the burn out chamber to a temperature lower than the melting temperature of the light ash prevents it from being baked onto the fire tubes of the exchanger.

The vertical orientation of the fire tubes of the exchanger prevents the coating of the exchanger with drifting light ash, which is led off from the reversible chamber into the container.

LARGE THROUGH-FLOW CAPACITY OF THE BOILER

A complex system of feeders having a lineal reversible motion causing by hydraulic cylinders forms the transport routes of the fuel. The complete route has large through-flow capacity (minimum cross-section 1200 x 280 mm). The transport route is not inclined to blockage (screw feeders or turnstiles, for example, are not able to transport uncrushed bark, and they are inclined to become blocked through the influence of the uncrushed bark). The transport routes are able to transport even a large percentage of non-combustible admixtures (rocks, pieces of steel etc.).

CONTAINER FOR GRATE ASH

Grate ash falls into a container which is connected by a special mechanism directly with the boiler; together with the boiler, it forms a single space. There is no closing element included which could reduce the through-flow capacity for the ash.

PERFECT AUTOMATION OF THE BOILER

The combustion has been perfected on the basis of under-pressure in the combustion chamber and through a surplus of oxygen in the combustion products.

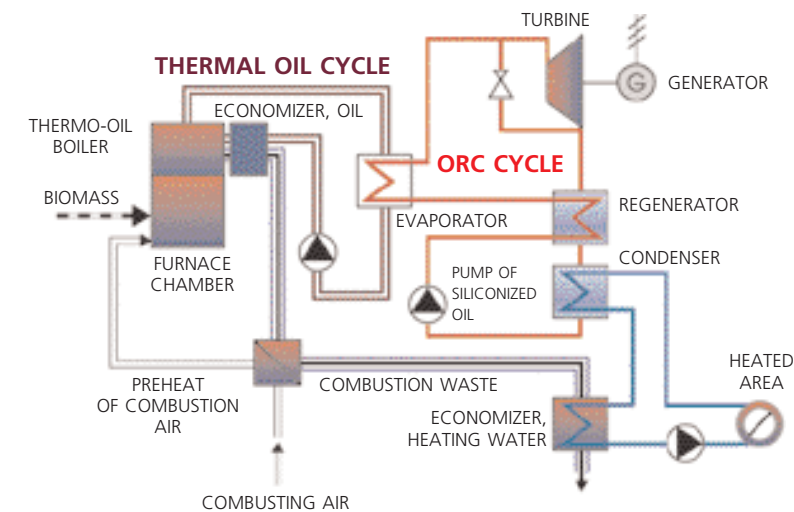
The fuel feed and the movement on the grate is regulated in accordance with the fuel's characteristics. All measured quantities and interventions of the safety equipment are displayed on the panel of the computer. Defects are reported to the service personnel by mobile telephone.



ORC 200 - 1,500 KW

COGENERATION FROM BIOMASS ORC - ORGANIC RANKING CYCLE

Technical description of the use of ORC for the joint production of heat and electrical energy from biomass:



PURPOSE

The ORC equipment is delivered in the form of a block unit which can be connected to a boiler system for the burning of biomass to produce electric energy that is equipped with a thermo-oil exchanger, or to a geothermal borehole to utilize its low-potential heat. In addition, ORC can be used in connection with solar energy and technological waste heat.

Operational advantages of ORC as opposed to a steam turbine

- The system is able to utilize energy with a relatively low temperature
- High efficiency of the turbine, especially during partial load
- The low revolutions of the turbine enable the direct drive of the generator
- Insignificant wear on the turbine's blades (lack of droplets of the working medium)
- Low mechanical strain on the parts of the turbine as a result of the low revolving speed
- The possibility of regulating the output of the generating plant throughout the whole output range
- The whole cycle operates at a temperature of max. 300 °C and a pressure of up to 10 bar – longer service life of the equipment
- The boilers have a service life of two times longer for the pressure parts – low pressure, temperature and chemical properties of the oil
- Easy operation of the equipment, on-line monitoring of its state – operation without service personnel
- Minimal demands on the construction and space required
- Chemical treatment of the individual media not necessary
- High operational reliability at low operating costs

PARAMETERS

Biomass

Input temperature of thermo-oil 250 – 300 °C
Operating over-pressure of thermo-oil max. 3 bar
Electrical output 200 – 1,500 kW

Geothermal

Input temperature of geothermal 130 – 200 °C
Electrical output max. 200 kW

