BARBATUS TOPLING

The warmth of your home...

BIOTOPLING WOOD PELLET BOILER

BTM

kiwa
Partner for progress

- Biotopling BTM boilers are **ecological and compact** boilers fueled by wood pellets
- Modern construction and design
- Each boiler has a standardized pellet storage container

- BTC model's power ranges from **60 kW to 400 kW**
- The control panel enables via PLC the management and control of the whole system
- **Standard ISO 9001 / ISO 14001 / ISO 18001**

- Produced by using high qualitative and attested materials
- Danfoss Regulation – allows simple and effective daily control of the boiler operation and at the same time the complete management of the heating system
- The fire box is made of fire proofed cast iron

Distribution, trade support and representation:
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TOPLING – High technology, ecological awareness, natural resources

- In-house development and high technology
- Present on the EU Market in more than 15 countries
- High qualitative materials are used (U.S.Steel)

WOOD PELLET BOILER BTM

- Power from **60 kW to 400 kW**
- Biotopling BT is an ecological and a compact boiler fueled by wood pellets
- **Danfoss Regulation** – allows simple and effective daily control of the boiler operation for heating and sanitary water with the help of a modern thermostat
- The firebox is made of high qualitative cast iron and encased with fire proofed fireclay; high resistance to thermal loads

Type	Heating power (kW)	Dimensions (mm)								Connectors (col)				The size of the pellet storage container (kg)	The weight of the product (kg)	The amount of water in the pellet storage container (l)
		A	B	C	D	E	F	G	H	R1	R2	R3	R4			
BTM 60	60	1050	1487	1605	180	652	129	1380	190	6/4"	1/2"	3/4"	1"	205	584	226
BTM 75	75	1189	1466	1605	200	684	129	1380	190	6/4"	1/2"	3/4"	1"	280	695	279
BTM 100	100	1275	1553	1605	200	840	129	1367	205	2"	1/2"	3/4"	1"	300	882	342
BTM 125	125	1390	1572	1615	230	815	133	1363	193	2 1/2"	1/2"	3/4"	1"	325	1124	406
BTM 150	150	1480	1652	1615	230	896	133	1363	193	2 1/2"	1/2"	3/4"	1"	350	1253	480
BTM 175	175	1643	1701	1615	230	885	165	1350	213	3"	1/2"	3/4"	1"	405	1385	510
BTM 200	200	1643	1784	1615	250	965	139	1356	203	3"	1/2"	3/4"	1"	420	1515	620
BTM 250	250	1827	1966	1615	300	1050	142	1366	228	3"	1/2"	3/4"	1"	550	1764	760
BTM 300	300	1985	2065	1710	300	1108	205	1442	248	3"	1/2"	3/4"	1"	800	2474	890
BTM 350	350	2154	2100	1835	330	1130	196	1449	330	3"	1/2"	3/4"	1"	1000	2850	960
BTM 400	400	2737	2150	2118	330	1130	280	1750	365	3"	1/2"	3/4"	1"	1200	3205	1220

A system for wood pellets BTA

- Power from **500 kW to 2 MW**
- Intended for heating of bigger objects
- Fully automated
- Complies with European directives 2006/42/ES MD, PED 97/23/EC and 2006/95/EC LVD
- EMC Directive 2004/108 /ES- as an energy source industrial pellets of poorer quality can be used
- The system consists of:
  Boiler- functions as an exchange area, where the released gases (the product of the pellet combustion) transfer the heat to the boiler water
  Burner- it is designed for pellet combustion and formation of hot gases that go over into the boiler
- Pellet storage container – is used for the storage of pellets and produced in different sizes/shapes. This depends on the space and the needs of the user (18 m^3 in average)
- Multi-Cyclone – separates hard particles from smoke particles. The gases are transported through flues to the chimney and further into the atmosphere with the help of a ventilator
- The pellets are transported from the storage container into the firebox with a screw conveyor
- The control panel enables via PLC the management and control of the whole system

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