





ABC PROIZVOD

ABC PROIZVOD Company was founded in 1990. The founder of the company is Mr. Zoran Žunić, Graduate of Economics, who is still the only owner of the company today. The company has grown into a serious industrial company with gradual advancement and continuous investment from a small trading company. The company is headquartered in Užice, western Serbia, 190 km from Belgrade.

Today, production takes place in modern industrial halls with an area of about 8000m². The most up-to-date equipment of renowned world manufacturers (laser metal cutting, robotic welding, automated powder coating) is represented in the production process and raw materials from top quality manufacturers with efficient organization, certified by appropriate certificates. In 2007, the company introduced the quality management system **SRPS ISO 9001/2015**, which is maintained and improved. Since 2013, two more standards have been introduced: **SRPS OHSAS 18001/2008** and **SRPS ISO 14001/2015**, so that the company has an **INTEGRATED QUALITY MANAGEMENT SYSTEM**, which is certified by an accredited body.

Our company is fully committed to the wishes of its customers and the quality of the products for which it gives a five-year warranty. The products are in addition to the countries of the former Yugoslavia, from Slovenia to Macedonia, found their markets in Greece, Romania, Sweden, Ireland, Spain, USA and England. Compared to the global giants, the company is small, but with its 65 skilled and motivated workers and cutting edge technology, it is very efficient and flexible, able to satisfy the needs of the most demanding customers. The development of each new product is achieved with great responsibility, love towards its business and involvement of top experts from the company, as well as other associates who with their knowledge make a big contribution in certain areas.







With its compact structure, LILLY fits into any interior. With its many customizable colour combinations, you can perfectly match it to your interior design. High quality cast iron parts such as doors and specially designed burner for efficient periodic cleaning ensuring long and safe operation.











CENTRAL HEATING - SOLID FUEL FURNACE

With the warmth it brings to your home, the **VULKAN** fireplace and its modern design, will enrich your space. As part of your setting, it will be the perfect blend of traditional spirit and contemporary,



distinctive design.











Highly efficient steel furnace **SUPER VULKAN** has a modern design and a big front glass which contribute to more pleasant atmosphere in the room. High quality cast parts such as doors and specially designed burner ensure long and safe operation. The furnace has an **automated mechanical cleaning mechanism** of the burner which ensures reliability, security and comfort.











VESTA is the right value for money! It has an automatic periodic cleaning system for the cast burner. The furnace is equipped with an expansion vessel, a circulation pump and a safety valve. All electrical components are compatible with technical specifications and purchased from certified and quality certified suppliers.



2 YEAR WARRANTY FOR ELECTRICAL COMPONENTS



The main advantage of **ABC QUADRO** and **ABC ROLO** furnaces is the fact that the combustion is aided by the regulation of primary and secondary air. Primary air is brought into the lower zone of the furnace below the grate in the furnace and provides a rapid rise in the temperature of the furnace during the firing phase. Secondary air is brought into the upper zone of the furnace and supplies the firebox with a certain amount of heated air necessary for the complete combustion of the gases released during the burning of the wood.



Secondary air has another role to play, which is to prevent soot buildup on the firebox door glass. This means that full combustion is ensured at all times (there are two levers in the lower part of the furnace that are used for said regulation).





CONCEPT 2 MAX

CENTRAL HEATING - SOLID FUEL



The stove is a hot water boiler with which you can heat $150 - 200 \, \text{m}^2$ of living space and in addition you can bake and cook and you will have a visual impression of the fireplace. A version with an oven width of $350 \, \text{mm}$ and $420 \, \text{mm}$ is produced.













CONCEPT 2 MINI

CENTRAL HEATING - SOLID FUEL

A product that will fit perfectly into your home or cottage with minimal space occupancy and give you more than you expect.



















The CONCEPT 2 AIR and CONCEPT 2 MINI AIR stoves are designed for space heating, cooking and baking. They use solid fuel: dry wood, coal or briquettes. They give the impression of a fireplace, thanks to the fireproof glass on the door to the firebox. Secondary draft vents allow air to flow into the glass door area of the firebox, preventing the buildup of soot on the glass. This unique form of regulation of primary and secondary draft is a novelty in the field of standard furnaces for solid fuel for households (explained in more detail in ABC QUADRO and ABC ROLO furnaces).

The construction of the CONCEPT 2 AIR and CONCEPT 2 MINI AIR stoves allows precise control of the intensity of the temperature, easy combustion and cleaning of ash. State-of-the-art primary and secondary draft control allows the user immediate control of the fire intensity.







CONCEPT 2 MINI AIR

RADIANT HEATING - SOLID FUEL

Stoves **CONCEPT 2 AIR** and **CONCEPT 2 MINI AIR** are made of certified boiler tin, with guaranteed chemical composition and mechanical properties at elevated temperatures (like our other products). They are welded with the latest methods of robotic welding.

With CONCEPT 2 AIR and CONCEPT 2 MINI AIR stoves comes:

- reliable functioning,
- · high energy utilization,
- environmental protection (environmentally sound)
- long service life, following the recommendations for proper installation and operation, as evidenced by a 5-year warranty (2 years for chamotte components).









CERAMIC PLATE

All models of central and air heating stoves can be ordered with black ceramic plates.

Advantages:

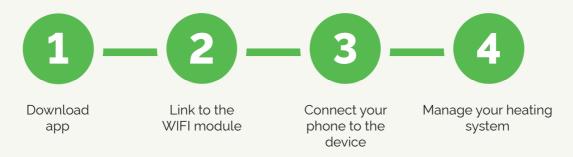
- visual effect, modern design
- easier maintenance
- more even heat transfer to cooking surface
- the ceramic plate is protected from mechanical damage from the combustion chamber as there are metal plates underneath



4HEAT - WIFI CONTROL APP

CONTROLS YOUR HEATING ANY TIME ANYWHERE

A few simple steps for complete heating management.





ABC DELTA

CENTRAL HEATING - PYROLYTIC WOOD BOILER

The **ABC DELTA** 10-20 kW and 15-30 kW steel heat boiler is intended for burning exclusively dry (up to 25% moisture) wood. The pyrolysis principle results in complete combustion of the fuel and thus a high efficiency of up to 95%.

The spacious firebox enables firewood up to 500 mm in length. The duration of a single charge is at least 6 hours in maximum operating mode with the possibility of a full day extension if the need for heating is reduced.

The boiler is equipped with a lambda probe that allows constant reading of the percentage of oxygen in the exhaust gasses, motors for automatic control of primary and secondary drafts. It has thermal protection in the form of a copper coil with the obligation to install a thermal valve. It must be installed on the central heating system via one or more hot water batteries (Buffer). Recommended for every 1kW of boiler output are 50 lit. water reservoirs minimum (e.g. 1500 liters of water is required for a 30kW boiler).







ABC GAMA

CENTRAL HEATING - PELLET BOILER



ABC GAMA offers you the latest and most effective technical solutions for using pellets as fuel for central heating. Burning pellets are made by blowing in hot air, which avoids the possibility of overheating of the heater and the inability to use the boiler until the heater is replaced.

The boiler is equipped with a unique solution - **Automatic mechanical cleaning** of the burner. This implies that the controller instructs the engine to open the burner grille, which automatically spills all the ash into the ashtray. The pellet burning is then done automatically without any user influence. This solution provides exceptional comfort to the user while using the product, and the product is less sensitive to possible poor quality of the pellets and will never stall the boiler.



2 YEAR WARRANTY FOR ELECTRICAL COMPONENTS

ELEGANT

CENTRAL HEATING - PELLET

- · Space-saving solution, compact design.
- High energy efficiency with fuel efficiency of over 93%
- The boiler is equipped with an expansion vessel, a pump, an air crucible and a safety valve.
- · Possibility of installing additional pellet storage (optional).
- · Available in black and burgundy and black and beige.
- Ability to connect to a Wi-Fi module and control via a mobile phone..





ABC COMBO

PELLET BOILER

Treat yourself with blissful warmth and perfect comfort with the new **ABC COMBO** combined boiler. A valuable addition to modern life, which provides security because you can use the option of switching to solid fuel at any time.





2 YEAR WARRANTY FOR ELECTRICAL AND CHAMOTTE COMPONENTS

GORIONIK DUO

CENTRAL HEATING - PELLET

GORIONIK DUO is intended for burning wood pellets. The unit provides the user with comfort because when switching to another type of fuel (wood, coal), it does not need to be removed from the boiler. A simple push of a button changes the mode of operation, to pellets or solid fuel. The burner is made of the highest quality materials and electrical components from renowned German manufacturers. It is characterized by a high degree of utilization (over 90% when connected to ECONOMIC boiler or DOMINANT EXTRA boiler), reliability in operation, ease of handling and installation, as well as a 5 year warranty on all mechanical parts and 2 years on electrical components.





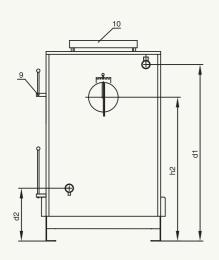
*2 YEAR WARRANTY FOR ELECTRICAL COMPONENTS

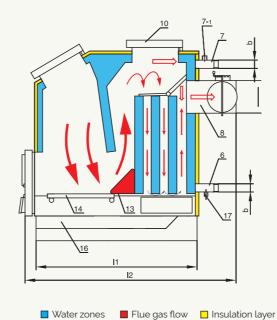
SUPERECO

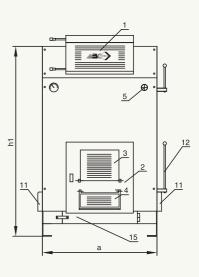




TECHNICAL DATA	ABC 26	ABC 32	ABC 40
Power (kW)	26	32	40
Qty of water (L)	107	121	136
Mass (kg)	391	409	437
a (mm)	570	605	670
b (col)	R5/4	R5/4	R5/4
c (mm)	ø180	ø180	ø180
d1 (mm)	1155	1155	1155
d2 (mm)	440	440	440
l1 (mm)	1030	1030	1030
l2 (mm)	1265	1265	1265
h1 (mm)	1250	1250	1250
h2 (mm)	930	930	930
Necessary draft (Pa)	22	26	30







- 1. Top door
- 2. Bottom door
- 3. Burner door
- 4. Secondary draft cover5. Draft regulator plug R 3/4"
- 6. Return water pipe connection
- 7. Drain pipe connection
- 7-1. Connector for heat exchanger
- 8. Smoke pipe

- 9. Flue gas flow control valve
- 10. Top cleaning door
- 11. Side openings for cleaning
- 12. Ash shaker
- 13. Chamotte cartridge
- 14. Moving grille
- 15. Ashtray door
- 16. Ashtray
- 17. R 1/2 "Charging and Discharge Connector

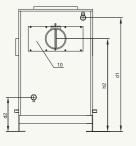
The nominal power of the boiler is achieved by combustion of dry coal with lower heat output Hd≥12500 Kj/kg and cube granulation ≥ 30mm. The change in fuel causes a change in boiler power as well as a change in the degree of utilization.

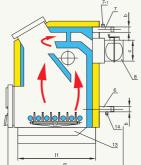
CLASSIC



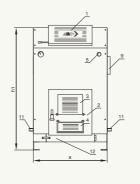


PRODUCT	ABC 25	ABC 30	ABC 35	ABC 40	ABC 50	ABC 60	ABC 80	ABC 100
Power (kW)	25	30	35	40	50	60	80	100
Qty of water (L)	53	66	69	72	87	97	120	137
Mass (kg)	214	248	253	256	300	331	379	453
a (mm)	600	605	605	605	680	710	750	805
b (col)	R5/4	R5/4	R5/4	R5/4	R5/4	R6/4	R2	R2
c (mm)	ø160	ø160	ø160	ø160	ø180	ø180	ø180	ø200
d1 (mm)	985	1090	1120	1165	1175	1280	1425	1425
d2 (mm)	340	340	340	345	350	370	390	390
l1 (mm)	570	655	655	655	690	690	761	845
l2 (mm)	880	970	970	970	1010	1015	1040	1150
h1 (mm)	1090	1190	1225	1270	1275	1380	1530	1530
h2 (mm)	850	945	1005	1030	1030	1145	1280	1280
Required draft (Pa)	15	16	18	20	22	24	27	30





■ Water zones ■ Flue gas flow □ Insulation layer



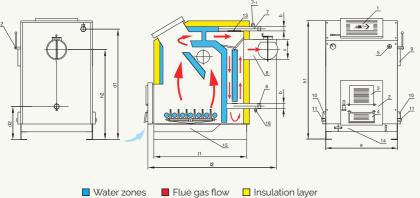
- Top door
- 2. Bottom door
- Burner door
- Secondary draft cover
- Draft regulator plug R 3/4"
- 6. Return water pipe connection
- Drain pipe connection
- 7-1. Connector for heat exchange
- 8. Smoke pipe
- Cleaning hole and gas burner opening 9.
- 10. Back cleaning port
- 11. Ash shaker
- 12. Ash tray door
- 13. Ash tray
- 14. Fill and discharge connector R 1/2"

ECONOMIC





PRODUCT	*ABC 26	ABC 33	ABC 40	ABC 55	ABC 65	ABC75	ABC 100	ABC 130
Power (kW)	26	33	40	55	65	75	100	130
Qty of water (L)	59	68	84	93	108	120	145	188
Mass (kg)	241	254	305	325	369	414	489	550
a (mm)	595	595	605	605	680	710	745	800
b (col)	R5/4	R5/4	R5/4	R5/4	R6/4	R6/4	R2	R2
c (mm)	ø160	ø160	ø160	ø180	ø180	ø180	ø200	ø200
d1 (mm)	985	985	1110	1190	1220	1310	1455	1480
d2 (mm)	350	350	365	390	390	390	395	400
l1 (mm)	690	690	780	818	828	881	885	985
l2 (mm)	975	975	1055	1055	1095	1140	1140	1255
h1 (mm)	1060	1060	1190	1275	1280	1380	1525	1545
h2 (mm)	820	820	940	1005	1045	1110	1275	1290
Required draft (Pa)	22	22	24	26	27	29	33	35



- Top door
- Bottom door
- Burner door
- Secondary draft cover
- Draft regulator plug R 3/4"
- 6. Return water pipe connection
- Drain pipe connection
- 7-1. Connector for heat exchange
- 8. Smoke pipe 9.
- Cleaning hole and gas burner opening
- 10. Back cleaning port
- 11. Ash shaker
- 12. Valve for control of the flue gas flow
- 13. Upper cleaning port
- 14. Tray door
- 15. Ash tray
- 16. Charge and discharge R 1/2"

^{*} The nominal power of the boiler is achieved by combustion with dry coal of lower heat output Hd ≥ 12500 Kj/kg and cube granulation ≥ 30mm. The change in fuel causes a change in boiler power as well as a change in the degree of utilization.

^{*} This boiler type does not have a front tunnel

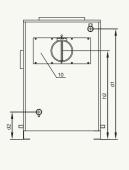
^{*} The nominal power of the boiler is achieved by combustion with dry coal of lower heat output Hd ≥ 12500 Kj/kg and cube granulation ≥ 30mm. The change in fuel causes a change in boiler power as well as a change in the degree of utilization.

DOMINANT

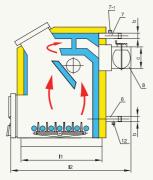




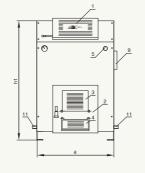
PRODUCT	ABC 25	ABC 30	ABC 35	ABC 40	ABC 50	ABC 60	ABC 80	ABC 100
Power (kW)	25	30	35	40	50	60	80	100
Qty of water (L)	53	66	69	72	87	97	120	137
Mass (kg)	196	229	235	237	279	309	341	408
a (mm)	600	605	605	605	680	710	750	805
b (col)	R5/4	R5/4	R5/4	R5/4	R5/4	R6/4	R2	R2
c (mm)	ø160	ø160	ø160	ø160	ø180	ø180	ø180	ø200
d1 (mm)	885	985	1025	1065	1070	1175	1320	1320
d2 (mm)	240	240	240	240	250	265	285	285
l1 (mm)	573	655	655	655	697	690	761	845
l2 (mm)	880	970	970	970	1010	1015	1040	1150
h1 (mm)	985	1090	1130	1170	1175	1280	1435	1435
h2 (mm)	755	860	890	930	940	1020	1165	1165
Required draft (Pa)	15	16	18	20	22	24	27	30



Water zones



■ Flue gas flow □ Insulation layer



- 1. Top door
- 2. Bottom door
- 3. Burner door
- 4. Secondary draft cover
- 5. Draft regulator plug R 3/4"
- 6. Return water pipe connection
- 7. Drain pipe connection
- 7-1. Connector for heat exchanger
- 8. Smoke pipe
- 9. Cleaning hole and gas burner opening
- 10. Top cleaning door
- 11. Ash shaker
- 12. Fill and Discharge Connector R 1/2"1

The nominal power of the boiler is achieved by combustion with dry coal of lower heat output Hd ≥ 12500 Kj/kg and cube granulation ≥ 30mm.

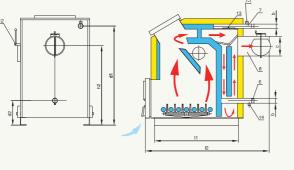
The change in fuel causes a change in boiler power as well as a change in the degree of utilization.

DOMINANT EXTRA





PRODUCT	*ABC 26	ABC 33	ABC 40	ABC 55	ABC 65	ABC 75	ABC 100	ABC 130
Power (kW)	26	33	40	55	65	75	100	130
Qty of water (L)	59	68	84	93	108	120	145	188
Mass(kg)	228	240	287	292	342	385	460	520
a (mm)	595	595	605	605	680	710	745	800
b (col)	R5/4	R5/4	R5/4	R5/4	R6/4	R6/4	R2	R2
c (mm)	ø160	ø160	ø160	ø180	ø180	ø180	ø200	ø200
d1 (mm)	895	895	1020	1085	1115	1205	1365	1375
d2 (mm)	255	255	270	285	290	290	305	315
l1 (mm)	690	690	780	818	828	881	885	985
l2 (mm)	975	975	1055	1055	1095	1140	1140	1255
h1 (mm)	960	960	1090	1175	1180	1285	1430	1445
h2 (mm)	735	735	850	905	935	1015	1175	1190
Required draft (Pa)	22	22	24	26	27	29	33	35



- vodene zone tok dimnih gasova □ izolacioni sloj

- 1. Top door
- 2. Bottom door
- 3. Burner door
- 4. Secondary draft cover
- 5. Draft regulator plug R 3/4"
- 6. Return water pipe connection
- 7. Drain pipe connection
- **7-1.** Connector for heat exchanger
- 8. Smoke pipe
- 9. Cleaning hole and gas burner opening
- 10. Cleaning hole
- 11. Ash shaker
- 12. Valve for control of flue gas flow
- 13. Upper cleaning port
- 14. Charge and discharge connector 1/2"1

* This boiler type does not have a front tunnel

^{*} The nominal power of the boiler is achieved by combustion with dry coal of lower heat output Hd ≥ 12500 Kj/kg and cube granulation ≥ 30mm.

The change in fuel causes a change in boiler power as well as a change in the degree of utilization.













TECHNICAL DATA	LILLY	VULKAN	SUPER	/ULKAN	VES	STA	QUADRO	ROLO
Power (kW)	2,4 - 9	24	6 - 15	8 - 23	5 - 15	5 - 21	9	9
Utilization rate (%)	90,1	77,2	90,8	90,1	91,2	91,2	76,2	76
Width (mm)	500	575	539	589	539	539	542	540
Height (mm)	500	1015	1302	1254	1214	1214	1190	1155
Depth (mm)	630	480	816	763	699	699	516	517
Weight (kg)	115	150	230	244	220	220	160	155
Required draft (Pa)	3	10	10	10	10	10	12	12
Flue pipe diameter (mm)	100	145	120	120	120	120	150	150
Storage capacity (kg)	25	-	45	50	40	40	-	-
Max. operating temperature (° C)	-	85	85	85	85	85	-	-
Max. operating pressure (bar)	-	2	2,5	2,5	2,5	2,5	-	-
Water quantity (l)	-	30	22	25	25	25	-	-
Operational autonomy (max-min)	50h - 13h	-	37,5 - 15	31 - 13	40 - 13	40 - 10	-	-
Power transferred to water (kW)	-	21	12	20	12	18	-	-
Radiation Transmitted Power (kW)	9	3	3	3	3	3	-	-
Connection lines (Col)	-	-	1"	1"	1"	1"	-	-
PELLET CHARACTERISTICS								
Heat power (kWh/kg)	4,5 - 5	-	-	-	4,5 - 5	4,5 - 5	-	-
Length (mm)	10 - 30	-	-	-	10 - 30	10 - 30	-	-
Diameter (mm)	6	-	-	-	6	6	-	-
Humidity (%)	6,6	-	-	-	6,6	6,6	-	-
Ash (%)	1	-	-	-	1	1	-	-
Specific weight (kg/dm³)	1,0	-	-	-	1,0	1,0	-	-
Pellet consumption (min-max)	0,5 - 1,8 kg/h	-	1,2kg/h 3kg/h	1,6kg/h 4,5kg/h	1,2kg/h 3kg/h	1,2kg/h 3kg/h	-	-
POWER USAGE								
Ignition phase (W)	360	-	450	450	450	450	-	-
Operational phase (W)	60	-	50	50	150	150	-	-
Power supply (vol - Hz)	220/230 (50)	-	230 Vol 50 Hz	230 Vol 50 Hz	230Vol 50Hz	230Vol 50Hz	-	-
PLUGS								
Drain line (Col)	-	1"	1"	1"	1"	1"	-	-
Return line (Col)	-	1"	1"	1"	1"	1"	_	_









TECHNICAL DATA	CONCEPT 2 STANDARD	CONCEPT 2 MAX	CONCEPT 2 AIR	CONCEPT 2 MINI	CONCEPT 2 MINI AIR
Power (kW)	Coal - 29 Wood - 25	Coal - 29 Wood - 25	5 - 12	Coal - 25 Wood - 21	4 - 10
Utilization rate (%)	80,7	80,7	85	79,4	85
Width (mm)	1000	1070	1010	565	565
Height (mm)	850	850	850	850	975
Depth (mm)	565	565	535	565	520
Weight (kg)	220	230	190	140	155
Required draft (Pa)	20	20	12	12	16
Flue pipe diameter (mm)	150	150	120	150	120
Technology Connectors (Col)	1/2"	1/2"	-	1/2"	-
Thrust Line (Col)	1"	1"	-	1"	-
Return Line (Col)	1"	1"	-	1"	-
Power transferred to water (kW)	Coal - 25 Wood - 22	Coal - 25 Wood - 22	-	Coal - 23 Wood - 19	-
Radiation Transmitted Power (kW)	Coal - 4 Wood - 4	Coal - 4 Wood - 4	-	Coal - 2 Wood - 2	+
Quantity of water in the device (Lit)	32	32	-	32,5	-
Max. Operational temp(°C)	90	90	-	90	-
Max. Operation pressure (bar)	2,5	2,5	-	2,5	-
OVEN MEASUREMENTS					
Width (mm)	350	420	420	-	350
Height (mm)	230	230	230	-	230
Depth (mm)	410	410	410	-	410









TECHNICAL DATA	DE	LTA	GAMA	ELEC	SANT
Power (kW)	20	30	15 - 35	7 - 27	10 - 37
Utilization rate (%)	92,3	92,3	91,2%	93,3%	93%
Width (mm)	640	640	1420 / 776*	581	770
Height (mm)	1475	1475	1500	1318	1600
Depth (mm)	1080	1080	855	845	1045
Weight (kg)	543	546	510	260	410
Electrical connection (W)	150	150	1300	450	450
In the ignition phase	110W	110W	1500	450	450
In the work phase	110W	110W	200	150	150
Required chimney flow (Pa)	10	12	15	10	10
Water qty in boiler (lit)	110	110	85	45	96
Connection voltage (V)	230	230	230	230	230
Frequency (Hz)	50	50	50	50	50
Max. operating temp (°C)	85	85	85	85	85
Max. operation pressure (bar)	2,5	2,5	2,5	2,5	2,5
Smoke pipe diameter (mm)	150	150	130 (h=1367)**	120	120
Volume of pellet storage (kg)	-	-	110	35***	105
Energy efficiency	A+	A+	A+	A++	A++
Boiler class according to EN 303-5:2012	5	5	5	5	5
Firebox volume (m³)	0,12	0,12	-	-	-
Fuel measurements (mm)	500x100x100	500x100x100	-	-	-
PLUGS					
Drain line (Col)	5/4"	5/4"	5/4" (h=508)**	1"	5/4"
Return line (Col)	5/4"	5/4"	5/4" (h=986)	1"	5/4"
Filling and discharge (Col)	1/2"	1/2"	1/2" (h=488)	1/2"	1/2"

^{*}Boiler width without pellet storage
**Height of plug from the floor
***Capacity with additional pellet storage is 100 kg

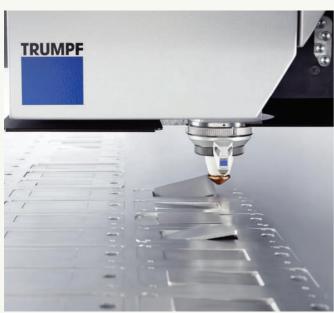




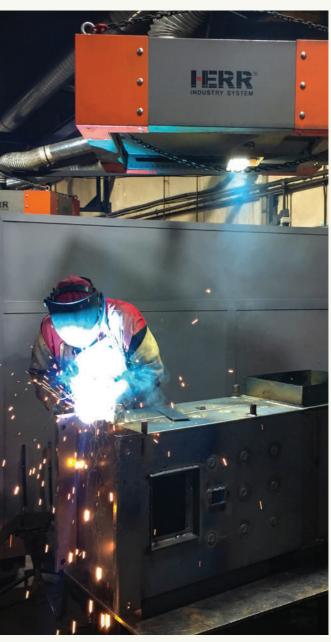
TECHNICAL DATA		сомво		DU	JO
Power (kW)	8 - 25	15 - 40	25 - 60	5 - 35	15 - 50
Utilization rate (%)	90,4	90,6	90,6	-	-
Weight (kg)	280	360	410	23	29
Width (mm)	827	986	986	305	305
Height (mm)	1371	1539	1524	325	325
Depth (mm)	988	1052	1202	580	620
Required draft (Pa)	12	14	16	-	-
Flue pipe diameter (mm)	100	120	120	-	-
Boiler water content (lit)	80	100	120	-	-
Pellet Consumption (Min - Max)	1,6kg/h - 5kg/h	3kg/h - 8kg/h	5kg/h - 12kg/h	-	-
PLUGS					
Drain line (Col)	1"	5/4"	5/4"	-	-
Return line (Col)	1"	5/4"	5/4"	-	-
Filling and discharge (Col)	1/2	1/2	1/2	-	-
FUEL MEASUREMENTS					
Pellet (mm)	30x6	30x6	30x6	30x6	30x6
Wood (mm)	100x100x350	100x100x400	100x100x500	-	-
PELLET STORAGE					
Capacity (L)	105	140	180	170	170
Width (mm)	-	-	-	525	525
Height (mm)	-	-	-	1395	1395
Length (mm)	-	-	-	650	650





















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