

Smederevac



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About MBS

Milan Blagojević from Smederevo is privately owned factory and it is integral part of Invej group.

Basic assortment of our products are wood-cookers and stoves/electric range cookers in accordance with international quality standards.

Our company had created its own path on European and World markets by constant improvement and adjusting to various markets requirements.

Factory was founded in the year 1923 and until now it has created well recognized manufacturing brand, tradition and quality.

Company had realised cooperation with French-Belgium company ARTHUR-MARTIN, CANDY group, HOOVER, ROSIERES, ZEROWATT, IBERNA, KELVINATOR, OTSEIN I GASFIRE.

MBS management has leading role in implementing and constant improvement of quality management system and environmental management system in accordance with requirements of standards ISO 9001:2008 and ISO 14001:2009.



Central heating cookers and stoves



Thermo Rocky

Dimensions (HxWxD)	850x900x600 mm
Firebox dimensions (HxWxD)	400x290x430 mm
Oven dimensions (HxWxD)	270x350x470 mm
Power (wood / coal)	25 kW / 17 kW
Power given to water (wood / coal)	16 kW / 9,4 kW
Power given to room (wood / coal)	9 kW / 7,6 kW
Boiler volume	22 l
Efficiency (wood / coal)	87 % / 82 %
Fume outlet	up / Ø 150 mm
Fuel type	wood, coal

Colors





CENTRAL HEATING COOKERS AND STOVES

Thermo Magnum

Dimensions (HxWxD)	865x1070x660 mm
Firebox dimensions (HxWxD)	280x230x370 mm
Oven dimensions (HxWxD)	265x350x465 mm
Power (wood / coal)	14 kW / 17 kW
Power given to water (wood / coal)	9 kW / 9 kW
Power given to room (wood / coal)	5 kW / 8 kW
Boiler volume	11 l
Efficiency (wood / coal)	89 % / 85 %
Fume outlet	back, up / Ø 130 / 150 mm
Fuel type	wood, coal



Colors

Super Thermo Magnum

Dimensions (HxWxD) 865x1070x660 mm

Firebox dimensions (HxWxD) 300x400x400 mm

Oven dimensions (HxWxD) 280x270x420 mm

Power (wood / coal) 21 kW / 21 kW

Power given to water (wood / coal) 13 kW / 11 kW

Power given to room (wood / coal) 8 kW / 10 kW

Boiler volume 19 l

Efficiency (wood / coal) 86 % / 89 %

Fume outlet back, up / Ø 150 mm

Fuel type wood, coal

Colors





CENTRAL HEATING COOKERS AND STOVES

Thermo Royal 720

Dimensions (HxWxD)	850x720x600 mm
Firebox dimensions (HxWxD)	467x272x352 mm
Oven dimensions (HxWxD)	270x350x470 mm
Power (wood / coal)	11 kW / 14 kW
Power given to water (wood / coal)	6 kW / 6 kW
Power given to room (wood / coal)	5 kW / 8 kW
Boiler volume	4 l
Efficiency (wood / coal)	86 % / 86 %
Fume outlet	left, right, back, up / Ø 120 mm
Fuel type	wood, coal



Thermo Vulkan

Dimensions (HxWxD)	780x650x545 mm
Firebox dimensions (HxWxD)	310x400x400 mm
Power (wood / coal)	19,7 kW / 24,8 kW
Power given to water (wood / coal)	14 kW / 14,6 kW
Power given to room (wood / coal)	5,7 kW / 10,2 kW
Boiler volume	24 l
Efficiency (wood / coal)	86 % / 85 %
Fume outlet	up / Ø 150 mm
Fuel type	wood, coal





CENTRAL HEATING COOKERS AND STOVES

Thermo Vulkan Plus

Dimensions (HxWxD)	1170x650x580 mm
Firebox dimensions (HxWxD)	290x425x400 mm
Oven dimensions (HxWxD)	270x350x470 mm
Power (wood / coal)	24 kW / 23 kW
Power given to water (wood / coal)	15 kW / 14 kW
Power given to room (wood / coal)	9 kW / 9 kW
Boiler volume	18 l
Efficiency (wood / coal)	85 % / 86 %
Fume outlet	up / Ø 150 mm
Fuel type	wood, coal



Colors

Thermo In

Dimensions (HxWxD)	1000x650x545 mm
Firebox dimensions (HxWxD)	320x408x390 mm
Power (wood / coal)	16 kW / 19 kW
Power given to water (wood / coal)	8 kW / 8 kW
Power given to room (wood / coal)	8 kW / 11 kW
Boiler volume	23 l
Efficiency (wood / coal)	88 % / 87 %
Fume outlet	up / Ø 150 mm
Fuel type	wood, coal

Colors





CENTRAL HEATING COOKERS AND STOVES

Thermo Vesta

Dimensions (HxWxD)	890x455x440 mm
Firebox dimensions (HxWxD)	420x213x334 mm
Power (wood / coal)	8 kW / 11 kW
Power given to water (wood / coal)	6,5 kW / 9 kW
Power given to room (wood / coal)	1,5 kW / 2 kW
Boiler volume	4 l
Efficiency (wood / coal)	83 % / 82 %
Fume outlet	up / Ø 120 mm
Fuel type	wood, coal



Colors

MBS Thermo Pellet 12 kW / 18 kW

	12 kW	18 kW
Dimensions (HxWxD)	1168x596x713 mm	
Power	12 kW	18 kW
Power given to water	9 kW	14 kW
Power given to room	3 kW	4 kW
Power of electric part	0,5 kW	
Boiler volume	46 l	
Efficiency	90 %	
Fume outlet	back /Ø 80 mm	
Fuel type	pellet	
Weekly programming (up to seven days in advance)		
Automatic start-up		
Remote control		





CENTRAL HEATING COOKERS AND STOVES

MBS Thermo Pellet 25 kW glass panels

Dimensions (HxWxD)	1290x600x680 mm
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Power	25 kW
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Power given to water	21 kW
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Power given to room	4 kW
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Power of electric part	0,5 kW
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Boiler volume	42 l
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Efficiency	91 %
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Fume outlet	back / Ø 80 mm
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Fuel type	pellet
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Weekly programming (up to seven days in advance)

Automatic start-up

Remote control



Colors

CENTRAL HEATING COOKERS AND STOVES

MBS Thermo Pellet 25 kW metal panels

Dimensions (HxWxD) 1290x600x680 mm

Power 25 kW

Power given to water 21 kW

Power given to room 4 kW

Power of electric part 0,5 kW

Boiler volume 42 l

Efficiency 91 %

Fume outlet back / Ø 80 mm

Fuel type pellet

Weekly programming (up to seven days in advance)

Automatic start-up

Remote control

Colors





CENTRAL HEATING COOKERS AND STOVES

MBS Pellet Boiler 40 kW

Dimensions (HxWxD)	1630x1200x790 mm
Power	40 kW
Power of electric part	0,5 kW
Pellet storage capacity	150 kg
Boiler volume	85 l
Efficiency	90,9 %
Fume outlet	back / Ø 80 mm
Fuel type	pellet
Weekly programming (up to seven days in advance) Automatic start-up Remote control	



Colors

MBS Pellet Boiler 25kW / 35kW

	25 kW	35 kW
Dimensions (HxWxD)	1330x600x750 mm	1330x600x900 mm
Power	25 kW	35 kW
Power of electric part	0,5 kW	
Pellet storage capacity	36 kg	50 kg
Boiler volume	55 l	60 l
Efficiency	91 %	91,5 %
Fume outlet	back / Ø 80 mm	
Fuel type	pellet	
Weekly programming (up to seven days in advance)		
Automatic start-up		
Remote control		



Solid fuel cookers



Strong pellet

Dimensions (HxWxD)	863x902x653 mm
Firebox dimensions (HxWxD)	320x250x350 mm
Oven dimensions (HxWxD)	440x300x438 mm
Power	10 kW
Power of electric part	0,5 kW
Efficiency	87 %
Fume outlet	up, back / Ø 80 mm
Fuel type	pellet

Colors





SOLID FUEL COOKERS

Strong

Dimensions (HxWxD)	863x902x653 mm
Firebox dimensions (HxWxD)	320x250x350 mm
Oven dimensions (HxWxD)	440x300x438 mm
Power (wood / coal)	10 kW / 7,5 kW
Efficiency (wood / coal)	81 % / 80 %
Fume outlet	up, back / Ø 120/130 mm
Fuel type	wood, coal



Boje
Colors

Magnum

Dimensions (HxWxD)	865x1070x660 mm
Firebox dimensions (HxWxD)	270x270x350 mm
Oven dimensions (HxWxD)	270x350x470 mm
Power (wood / coal)	11 kW / 12 kW
Efficiency (wood / coal)	89 % / 85 %
Fume outlet	up, back / Ø 120/130 mm
Fuel type	wood, coal

Colors





SOLID FUEL COOKERS

Rocky

Dimensions (HxWxD)	850x900x600 mm
Firebox dimensions (HxWxD)	400x320x450 mm
Oven dimensions (HxWxD)	270x350x470 mm
Power (wood / coal)	11 kW / 12 kW
Efficiency (wood / coal)	81 %/ 80 %
Fume outlet	up / Ø 150 mm
Fuel type	wood, coal



Colors

SOLID FUEL COOKERS

Trend

Dimensions (HxWxD)	858x894x420 mm
Firebox dimensions (HxWxD)	260x280x367 mm
Oven dimensions (HxWxD)	205x367x325 mm
Power (wood / coal)	7,5 kW/ 8 kW
Efficiency (wood / coal)	77 % / 73 %
Fume outlet	left, right / Ø 120 mm
Fuel type	wood, coal

Boje
Colors





SOLID FUEL COOKERS

Royal 900

Dimensions (HxWxD)	850x900x600 mm
Firebox dimensions (HxWxD)	175x250x400 mm
Oven dimensions (HxWxD)	270x500x470 mm
Power (wood / coal)	9 kW / 9 kW
Efficiency (wood / coal)	60 %/ 62 %
Fume outlet	left, right, up, back / Ø 120 mm
Fuel type	wood, coal



SOLID FUEL COOKERS

Royal 720

Dimensions (HxWxD) 850x720x600 mm

Firebox dimensions (HxWxD) 175x250x400 mm

Oven dimensions (HxWxD) 270x350x470 mm

Power (wood / coal) 8 kW / 7 kW

Efficiency (wood / coal) 73 % / 71 %

Fume outlet left, right, up, back / Ø 120 mm

Fuel type wood, coal

Boje
Colors





SOLID FUEL COOKERS

Smederevac MBS 9 RS

Dimensions (HxWxD)	740x945x645 mm
Firebox dimensions (HxWxD)	250x200x400 mm
Oven dimensions (HxWxD)	200x490x460 mm
Power (wood)	10 kW
Efficiency (wood)	85 %
Fume outlet	left, right / Ø 120 mm
Fuel type	wood, coal



Smederevac MBS 9

Dimensions (HxWxD)	740x945x645 mm
Firebox dimensions (HxWxD)	195x200x400 mm
Oven dimensions (HxWxD)	200x490x460 mm
Power (wood)	9 kW
Efficiency (wood)	60 %
Fume outlet	left, right / Ø 120 mm
Fuel type	wood, coal

Boje
Colors





SOLID FUEL COOKERS

Smederevac MBS 7 RS

Dimensions (HxWxD)	740x820x645 mm
Firebox dimensions (HxWxD)	250x200x400 mm
Oven dimensions (HxWxD)	200x430x460 mm
Power (wood)	9,5 kW
Efficiency (wood)	85 %
Fume outlet	left, right / Ø 120 mm
Fuel type	wood, coal



Smederevac MBS 7

Dimensions (HxWxD) 740x820x645 mm

Firebox dimensions (HxWxD) 195x200x400 mm

Oven dimensions (HxWxD) 200x430x460 mm

Power (wood / coal) 8,5 kW / 9,5kW

Efficiency (wood / coal) 85 % / 86 %

Fume outlet left, right / Ø 120 mm

Fuel type wood, coal



Boje
Colors





SOLID FUEL COOKERS

Smederevac MBS 3

Dimensions (HxWxD)	740x720x570 mm
Firebox dimensions (HxWxD)	195x200x400 mm
Oven dimensions (HxWxD)	200x300x400 mm
Power (wood / coal)	6,5kW / 10 kW
Efficiency (wood / coal)	81 % / 85 %
Fume outlet	left, right / Ø 120 mm
Fuel type	wood, coal



Solid fuel stoves



SOLID FUEL STOVES

Eva

Dimensions (HxWxD)	780x605x555 mm
Firebox dimensions (HxWxD)	400x500x420 mm
Power (wood)	10 kW
Efficiency (wood)	80 %
Fume outlet	up / Ø 120 mm
Fuel type	wood





SOLID FUEL STOVES

Elit

Dimensions (HxWxD)	985x588x493 mm
Firebox dimensions (HxWxD)	298x400x364 mm
Power (wood / coal)	8,6 kW / 9 kW
Efficiency (wood / coal)	76 % / 74 %
Fume outlet	up / Ø 120 mm
Fuel type	wood, coal



Colors

Vulkan

Dimensions (HxWxD) 735x650x545 mm

Firebox dimensions (HxWxD) 265x390x400 mm

Power (wood / coal) 17 kW / 21 kW

Efficiency (wood / coal) 83 % / 84 %

Fume outlet up / Ø 120 mm

Fuel type wood / coal





SOLID FUEL STOVES

Olymp

Dimensions (HxWxD)	850x585x640 mm
Firebox dimensions (HxWxD)	310x250x340 mm
Power (wood / coal)	12 kW / 12 kW
Efficiency (wood / coal)	80 % / 82 %
Fume outlet	back / Ø 120 mm
Fuel type	wood, coal



Colors

Olympia

Dimensions (HxWxD)	1120x585x640 mm
Firebox dimensions (HxWxD)	330x250x340 mm
Oven dimensions (HxWxD)	280x270x425 mm
Power (wood / coal)	12 kW / 18 kW
Efficiency (wood / coal)	87 % / 87 %
Fume outlet	back / Ø 120 mm
Fuel type	wood / coal

Colors





SOLID FUEL STOVES

Vesta

Dimensions (HxWxD)	890x455x440 mm
Firebox dimensions (HxWxD)	280x400x340 mm
Power (wood / coal)	9 kW / 9,5 kW
Efficiency (wood / coal)	85 % / 86 %
Fume outlet	up / Ø 120 mm
Fuel type	wood, coal



Colors

SOLID FUEL STOVES

Hit

Dimensions (HxWxD)	850x500x440 mm
Firebox dimensions (HxWxD)	270x280x300 mm
Power (wood / coal)	11 kW / 13 kW
Efficiency (wood / coal)	82 % / 83 %
Fume outlet	up / Ø 120 mm
Fuel type	wood / coal

Colors





SOLID FUEL STOVES

Corner

Dimensions (HxWxD)	850x640x575 mm
Firebox dimensions (HxWxD)	270x280x300 mm
Power (wood / coal)	10 kW / 12 kW
Efficiency (wood / coal)	81 % / 86 %
Fume outlet	up / Ø 120 mm
Fuel type	wood, coal



Colors

SOLID FUEL STOVES

Hera

Dimensions (HxWxD) 850x400x560 mm

Firebox dimensions (HxWxD) 280x290x300 mm

Power (wood / coal) 7 kW

Efficiency (wood / coal) 89 %

Fume outlet up / Ø 120 mm

Fuel type wood / coal

Colors





SOLID FUEL STOVES

Happy

Dimensions (HxWxD)	720x400x400 mm
Firebox dimensions (HxWxD)	265x220x300 mm
Power (wood / coal)	6 kW
Efficiency (wood / coal)	82 %
Fume outlet	up / Ø 120 mm
Fuel type	wood, coal



SOLID FUEL STOVES

MBS Pellet - 6 kW / 8,5 kW / 10 kW

Dimensions (HxWxD) 980x560x490 mm

Power 6 kW / 8,5 kW / 10 kW

Power of electric part 0,5 kW

Efficiency 88 %

Fume outlet back / Ø 80 mm

Fuel type pellet

Weekly programming (up to seven days in advance)

Automatic start-up

Remote control

Colors





SOLID FUEL STOVES

Arena

Dimensions (HxWxD)	600x445x370 mm
Firebox dimensions (HxWxD)	240x290x230 mm
Power (wood / coal)	7,5 kW
Efficiency (wood / coal)	73,03 %
Fume outlet	up / Ø 140 mm
Fuel type	wood, coal

Technical data table

TECHNICAL DATA TABLE



MODEL	Thermo Rocky	Thermo Magnum	Super Thermo Magnum	Thermo Royal 720	Thermo Vulkan
Dimensions (HxWxD)	850x900x600 mm	865x1070x660 mm	865x1070x660 mm	850x720x600 mm	780x650x545 mm
Firebox dimensions (HxWxD)	400x290x430 mm	280x230x370 mm	310x400x430 mm	467x272x352 mm	310x400x400 mm
Oven dimensions (HxWxD)	270x350x470 mm	265x350x465 mm	280x270x425 mm	270x350x470 mm	
Power (wood / coal)	25 kW / 17 kW	14 kW / 17 kW	21 kW / 21 kW	11 kW / 14 kW	19,7 kW / 24,8 kW
Power given to water (wood / coal)	16 kW / 9,4 kW	9 kW / 9 kW	13 kW / 11 kW	6 kW / 6 kW	14 kW / 14,6 kW
Power given to room (wood / coal)	9 kW / 7,6 kW	5 kW / 8 kW	8 kW / 10 kW	5 kW / 8 kW	5,7 kW / 10,2 kW
Efficiency (wood / coal)	87 % / 82 %	89 % / 85 %	86 % / 89 %	86 % / 86 %	86 % / 85 %
The average CO value (taken from 13% O ₂) (wood / coal)	0,053% / 0,092%	0,070% / 0,081%	0,072 % / 0,066 %	0,237% / 0,128%	0,077 % / 0,08 %
Dust (wood / coal)	0,028/0,026 g/m ³	0,055 / 0,070 g/m ³	0,039 / 0,037 g/m ³	0,068 / 0,069 g/m ³	0,037 / 0,039 g/m ³
Boiler volume	22 l	11 l	19 l	4 l	24 l
Fume outlet position	C* / U*	C,Z* / U,B*	C,Z* / U,B*	L,D,C,Z* / L,R,U,B*	C* / U*
Fume outlet diameter	Ø 150 mm	Ø 120 mm	Ø 130 mm	Ø 120 mm	Ø 120 mm
Smoke temp. (wood / coal)	189,2 °C / 210,5 °C	129 °C / 160 °C	149,5 °C / 136 °C	121,2 °C / 97,2 °C	227,5 °C / 199 °C
Weight	164 kg	172 / 206 kg**	188 kg / 222 kg**	119,5 kg	156 kg / 166,5 kg**
Fuel type	wood, coal	wood, coal	wood, coal	wood, coal	wood, coal
Fuel consumption (wood / coal)	5,2 kg/h / 6,1 kg/h	3,3 kg/h / 3,3 kg/h	5,1 kg/h / 7,1 kg/h	2,2 kg/h / 2,7 kg/h	4,3 kg/h / 3,4 kg/h
Heatable volume (approximately)	165 m ² / 112 m ²	92 m ² / 112 m ²	138 m ² / 138 m ²	72 m ² / 92 m ²	130 m ² / 163 m ²

*L - left, R - right, U - up, B - back

**Weight with decorative stone



Thermo Vulkan Plus	Thermo In	Thermo Vesta	MBS Thermo Pellet 12 kW / 18 kW	MBS Thermo Pellet 25 kW	MBS Thermo Pellet 25 kW	MBS Pellet Kotao 40 kW	MBS Pellet Kotao 25 kW / 35 kW
1170x650x580 mm	1000x650x545 mm	890x455x440 mm	1168x596x713 mm	1290x600x680 mm	1290x600x680 mm	1630x1200x790 mm	1580x676x750/900 mm
290x425x400 mm	320x408x390 mm	420x213x334 mm					
270x350x470 mm							
24 kW / 23 kW	16 kW / 19 kW	8 kW / 11 kW	12 kW / 18 kW	25 kW	25 kW	40 kW	25 kW / 35 kW
15 kW / 14 kW	8 kW / 8 kW	6,5 kW / 9 kW	9 kW / 14 kW	21 kW	21 kW		
9 kW / 9 kW	8 kW / 11 kW	1,5 kW / 2 kW	3 kW / 4 kW	4 kW	4 kW		
85 % / 86 %	88 % / 87 %	83 % / 82 %	90 %	91 %	91 %	90,9 %	91 % / 91,5 %
0,054 % / 0,048 %	0,092 % / 0,114 %	0,086 % / 0,077 %	0,03 %	---	---	0,0125 %	0,001 %
--- / ---	0,068 / 0,065 g/m ³	0,058 / 0,036 g/m ³	0,03 g/m ³	---	---	0,015 g/m ³	0,02 g/m ³
18 l	23 l	4 l	46 l	42 l	42 l	85 l	55 l - 60 l
C* / U*	C* / U*	C* / U*	Z* / B*	Z* / B*	Z* / B*	Z* / B*	Z* / B*
Ø 130 mm	Ø 120 mm	Ø 120 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm
178,8 °C / 171,4 °C	123,1 °C / 114 °C	142 °C / 150 °C	120 °C	---	---	---	---
260 kg	166,5 kg	95 kg	216 kg	230 kg	230 kg	320 kg	250 kg / 270 kg
wood, coal	wood, coal	wood, coal	pellet	pellet	pellet	pellet	pellet
5 kg/h / 4 kg/h	3,17 kg/h / 3,3 kg/h	1,6 kg/h / 1,6 kg/h	min - max 1,2 - 4,1 kg/h	min - max 1,2 - 5,6 kg/h	min - max 1,2 - 5,6 kg/h	min - max 1,8 - 9,5 kg/h	min - max 1,2-5,6kg/h / 1,2-7,8kg/h
158 m ² / 152 m ²	105 m ² / 125 m ²	53 m ² / 72 m ²	79 m ² / 118 m ²	165 m ²	165 m ²	265 m ²	165 m ² / 231 m ²

TECHNICAL DATA TABLE



MODEL	Strong pellet	Strong	Magnum	Rocky	Trend
Dimensions (HxWxD)	863x902x653 mm	863x902x653 mm	865x1070x660 mm	850x900x600 mm	858x894x420 mm
Firebox dimensions (HxWxD)		320x250x350 mm	270x270x350 mm	400x320x450 mm	260x280x367 mm
Oven dimensions (HxWxD)	440x300x438 mm	440x300x438 mm	270x350x470 mm	270x350x470 mm	205x367x325 mm
Power (wood / coal)	10 kW	10 kW / 7,5 kW	11 kW / 12 kW	11 kW / 12 kW	7,5 kW/ 8 kW
Power given to water (wood / coal)					
Power given to room (wood / coal)					
Efficiency (wood / coal)	87 %	81 % / 80 %	89 % / 85 %	81 % / 80 %	77 % / 73 %
The average CO value (taken from 13% O2) (wood / coal)	---	0,07 % / 0,05 %	0,21 % / 0,11 %	0,036 % / 0,047 %	0,109 % / 0,067 %
Dust (wood / coal)	---	0,036 / 0,027 g/m ³	0,067g/m ³ / ---	0,021 / 0,022 g/m ³	0,021 / 0,018 g/m ³
Boiler volume					
Fume outlet position	C,Z* / U,B*	C,Z* / U,B*	C,Z* / U,B*	C* / U*	L,D* / L,R*
Fume outlet diameter	Ø 80 mm	Ø 120/130 mm	Ø 120/130 mm	Ø 120 mm	Ø 120 mm
Smoke temp. (wood / coal)	---	211,5 °C / 181,7 °C	116 °C / 117 °C	178,9 °C / 190,7 °C	180 °C / 174 °C
Weight	210 kg	210 kg	164 kg / 205,5 kg**	146,4 kg**	96,5 kg
Fuel type	pellet	wood, coal	wood, coal	wood, coal	wood, coal
Fuel consumption (wood / coal)	min-max 0,9-2,5 kg/h	3,1 kg/h / 2,5 kg/h	2,24 kg/h / ---	3 kg/h / 4,6 kg/h	2,65 kg/h / 3,3 kg/h
Heatable volume (approximately)	66 m ²	66 m ² / 50 m ²	72 m ² / 79 m ²	72 m ² / 79 m ²	50 m ² / 53 m ²

*L - left, R - right, U - up, B - back

**Weight with decorative stone



Royal 900	Royal 720	Smederevac MBS 9 RS	Smederevac MBS 9	Smederevac MBS 7 RS	Smederevac MBS 7	Smederevac MBS 3	Eva
850x900x600 mm	850x720x600 mm	740x945x645 mm	740x945x645 mm	740x820x645 mm	740x820x645 mm	740x720x570 mm	780x605x555 mm
175x250x400 mm	175x250x400 mm	250x200x400 mm	195x200x400 mm	250x200x400 mm	195x200x400 mm	195x200x400 mm	400x500x420 mm
270x500x470 mm	270x350x470 mm	200x490x460 mm	200x490x460 mm	200x430x460 mm	200x430x460 mm	200x300x400 mm	
9 kW / 9 kW	8 kW / 7 kW	10 kW / ---	9 kW / ---	9,5 kW / ---	8,5 kW / 9,5kW	6,5 kW / 10 kW	10 kW / ---
60 % / 62 %	73 % / 71 %	85 % / ---	60 % / ---	85 % / ---	85 % / 86 %	81 % / 85 %	80 % / ---
0,35 % / 0,37 %	0,138 % / 0,055 %	--- / ---	0,38 % / ---	0,0694 % / ---	0,179 % / 0,174 %	0,030 % / 0,081 %	
--- / ---	0,058 / 0,056 g/m ³	--- / ---	--- / ---	0,0266 g/m ³ / ---	0,060 / 0,039 g/m ³	0,038 / 0,030 g/m ³	--- / ---
L,D,C,Z* / L,R,U,B*	L,D,C,Z* / L,R,U,B*	L,D* / L,R*	L,D* / L,R*	L,D* / L,R*	L,D* / L,R*	L,D* / L,R*	C* / U*
Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm
277 °C / ---	131 °C / 131 °C	--- / ---	295 °C / ---	157 °C / ---	115,6 °C / 94,2 °C	157 °C / 117,5 °C	
121 kg	108 kg	93 kg	84 kg	83 kg	74 kg	64 kg	135 kg
wood, coal	wood, coal	wood, coal	wood, coal	wood, coal	wood, coal	wood, coal	wood
2,5 kg/h / 2,4 kg/h	2,24 kg/h / 4,2 kg/h	--- / ---	2 kg/h / ---	2,6 kg/h / ---	1,8 kg/h / 4,0 kg/h	1,5 kg/h / 2 kg/h	--- / ---
59 m ² / 59 m ²	53 m ² / 46 m ²	66 m ² / ---	59 m ² / ---	63 m ² / ---	56 m ² / 63 m ²	43 m ² / 66 m ²	66 m ² / ---

TECHNICAL DATA TABLE



MODEL	Elit	Vulkan	Olymp	Olympia	Vesta
Dimensions (HxWxD)	985x588x493 mm	735x650x545 mm	850x585x640 mm	1120x585x640 mm	890x455x440mm
Firebox dimensions (HxWxD)	298x400x364 mm	265x390x400 mm	310x250x340 mm	330x250x340 mm	280x400x340mm
Oven dimensions (HxWxD)	/	/	/	280x270x425 mm	/
Power (wood / coal)	8,6 kW / 9 kW	17 kW / 21 kW	12 kW / 12 kW	12 kW / 18 kW	9 kW / 9,5 kW
Power given to water (wood / coal)	/	/	/	/	/
Power given to room (wood / coal)	/	/	/	/	/
Efficiency (wood / coal)	76 % / 74 %	83 % / 84 %	80 % / 82 %	87 % / 87 %	85 % / 86 %
The average CO value (taken from 13% O2) (wood / coal)	0,088 % / 0,067 %	0,038 % / 0,042 %	0,046 % / 0,046 %	0,032 % / 0,04 %	0,15 / 0,06 %
Dust (wood / coal)	0,069 / 0,043 g/m ³	0,038 / 0,040 g/m ³	0,04 / 0,028 g/m ³	0,038 / 0,039 g/m ³	0,056 / 0,057 g/m ³
Boiler volume	/	/	/	/	/
Fume outlet position	C* / U*	C* / U*	Z* / B*	Z* / B*	C* / U*
Fume outlet diameter	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm
Smoke temp. (wood / coal)	279 °C / 297 °C	211 °C / 243 °C	216 °C / 191 °C	129 °C / 129 °C	124 °C / 142,5 °C
Weight	124 kg	164,5 kg	110 kg / 140 kg	138 / 188,5 kg**	84,5 kg
Fuel type	wood, coal	wood, coal	wood, coal	wood, coal	wood, coal
Fuel consumption (wood / coal)	2,5 kg/h / 2,2 kg/h	3,5 kg/h / 2,8 kg/h	2,5 kg/h / 1,6 kg/h	2,3 kg/h / 2,3 kg/h	2 kg/h / 2,2 kg/h
Heatable volume (approximately)	56 m ² / 59 m ²	112 m ² / 138 m ²	79 m ² / 79 m ²	79 m ² / 118 m ²	59 m ² / 63 m ²

*L - left, R - right, U - up, B - back

**Weight with decorative stone



Hit	Corner	Hera	Happy	Arena	MBS Pellet (6 kW, 8,5 kW, 10 kW)
850x500x440 mm	850x640x575 mm	850x400x560 mm	720x400x400 mm	600x445x370 mm	980x560x490 mm
270x280x300 mm	270x280x300 mm	280x290x300 mm	265x220x300 mm		
11 kW / 13 kW	10 kW / 12 kW	7 kW / ---	6 kW / ---	7,5 kW / ---	6 kW/8,5 kW/10 kW
82 % / 83 %	81 % / 86 %	89 % / ---	82 % / ---	73,03 %	88 %
0,037 % / 0,046 %	0,043 % / 0,041 %	0,09 % / ---	0,038 % / ---	--- / ---	0,02 %
0,036 / 0,027 g/m ³	0,038 / 0,028 g/m ³	0,067 g/m ³ / ---	0,055 g/m ³ / ---	--- / ---	0,0437 g/m ³
C* / U*	C* / U*	C* / U*	C* / U*	C,Z* / U,B*	Z* / B*
Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 140 mm	Ø 80 mm
211,8 °C / 245,9 °C	265,9 °C / 222,6 °C	182 °C / ---	221,4 °C / ---	--- / ---	150 °C
59,5 kg	64 kg	84 kg	48 kg	81,2 kg	111,5 kg
wood, coal	wood, coal	wood, coal	wood, coal	wood, coal	pellet
2,2 kg/h / 1,8 kg/h	2,18 kg/h / 1,63 kg/h	1,9 kg/h / ---	1,6 kg/h / ---	--- / ---	min - max 0,6 - 1,6/1,9/2,2 kg/h
72 m ² / 85 m ²	66 m ² / 79 m ²	46 m ² / ---	40 m ² / ---	50 m ² / ---	40 m ² / 56 m ² / 66 m ²

Certificates

MBS has tendencies of conquering the world market, placing quality and getting confidence from a new buyers. In the year 1998 MBS had received national certificate for quality management system that is in compliance with requirements of standard JUS ISO 9001, and in the year 2003 Mbs had received certificate from TÜV CERT for integrated quality management system and environmental management system that is in accordance with requirements of standards ISO 9001 and ISO 14001.

From that period until now we had quality management system and environmental management system auditing and recertifications. MBS continues to confirm its dedication towards satisfying buyers demand and adopting modern ways of doing business as well as providing environmental protection regulations.

EN ISO 9001:2008



EN ISO 14001:2009



MBS history in pictures





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