pyrolitic boiler +pellet burner
ECOWOOD COMBI

Wood Pellet Brickets

eco Design

5 years warranty

CE

	12 WOOD/PELLET	18 WOOD/PELLET	25 WOOD/PELLET	31 WOOD/PELLET
Nominal Power (kW):	12 / 16,7	18 / 17,1	25 / 23,6	31 / 32,1
Minimum Power (kW):	n.d / 5,0	n.d /5,3	n.d / 7,5	n.d /9,3
Efficiency to Nominal Power (%):	92 / 91	92 /92	91,8/ 90	91,5/ 89

SIZES
Ecowood 12 W/H/D: 1168/1204/880 mm
Ecowood 18 W/H/D: 1168/1404/880 mm
Ecowood 25 W/H/D: 1352/1404/880 mm
Ecowood 31 W/H/D: 1352/1404/880 mm

A+ ENERGY CLASS

central heating pellet stove
PENELOPE

Pellet

eco Design

tested and certified by
Fraunhofer
IBF
Zertifikat Z-003-2016

5 years warranty

CE

	19	24	31
Nominal Power min./max. (kW):	10,3 - 19,1	10,3 - 24	10,3 - 30,9
Power released to the water min./max. (kW):	8,6 - 15,2	8,6 - 19,8	8,6 - 26,3
Power released to local space min./max. (kW):	1,7 - 3,9	1,7 - 4,2	1,7 - 4,6
Efficiency to min./max. Power (%):	90 - 91	90 - 91	90 - 91

SIZES
Penelope 19/24 W/H/D: 615/1146/615 mm
Penelope 31 W/H/D: 715/1220/765 mm

COLOURS
White, bordeaux, grey, straw yellow, bleached wood, marble, brown.

A+ ENERGY CLASS

wood oven FornoMAX

Wood

Outdoor FornoMAX
SIZES
Outdoor Oven W/H/D: 950/2080/1200 mm
Cooking Chamber W/H/P: 450/420/800 mm
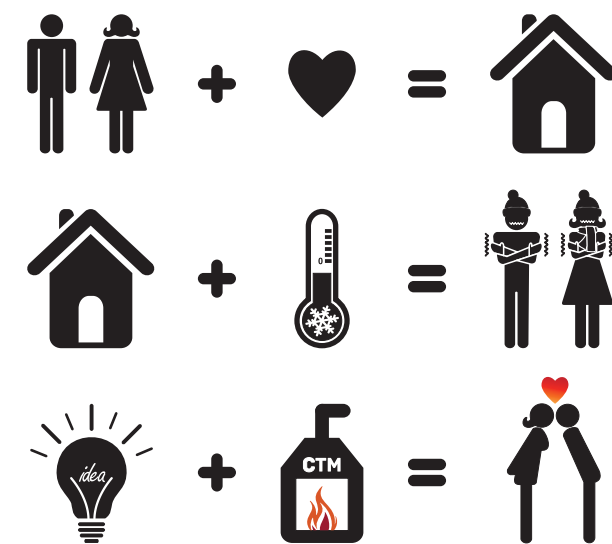
Built-in FornoMAX
SIZES
Built-in W/H/D: 745/935/1000 mm
Cooking Chambe W/H/D: 450/420/800 mm

COLOURS

Red Grey Stainless Steel

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CTM
.... heat for passion!

www.ctm-italia.it

Costruzioni Tecniche Meccaniche S.r.l.

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82030 San Salvatore Telesino BN - Italy
Tel./Ph.: +39 0824 948016
Fax: +39 0824 948499
E-mail: info@ctm-italia.it

Costruzioni Tecniche Meccaniche has developed an excellent system oriented to Scientific and Technical Research and Experimentation. Its core business is the heating system. The company offers high energy efficiency and low cost solutions in this sector. Its manufacturing system gives the highest product functionality and durability and it gains the customer confidence, because all the CTM products heat up efficiently its customers' home.
Because a good design creates a high quality product, the CTM structure has a Research & Development Department for Design, Technical Analysis, Prototyping and Testing in manufacturing processes.
CTM offers high quality and best efficiency products by solid biomass burning, thanks to a careful selection of raw materials and advanced technologies.

History
CTM manufacturing system is located in a 20.000 mq new industrial establishment.
The history of its products grows out of fire. CTM has developed an excellent heating system in all its productive aspects.
Starting from powered fireplace, CTM main heat product, today the company is able to produce a wide range of excellent, innovative, manual and automatic multi-fueled generators for its customers and heat business operators.
The whole production starts from an excellent design of products and materials, in order to satisfy both functional and aesthetic requirements.

Mission
CTM has developed an excellent customer-orientated system in all its administrative and productive aspects. According to consumer's needs the main goal of the company is to satisfy its customers offering high-quality heat services and products.
CTM improves and supports the updating training of its staff and contractors in order to offer an excellent and innovative service and thanks to the computerization of logistics and management functions it offers an excellent response and service time.
CTM products respect the environment and the world supporting design, functionality, safety and saving.
The company supports both hand-craft and technological aspects: it has developed an excellent product knowledge and proficiency connected to new automated machining system and quality management. CTM is a dynamic and competitive company: industrial innovation, high-quality management system, creativity and passion create the CTM's corporate image.

HEAT FOR PASSION
AND LOVE FOR ENVIRONMENT

CTM
ECOLOGICAL HEATING
+
CTMDESIGN
MADE IN ITALY

central heating fireplace BASIC
vertical sliding door

Wood

5 years warranty

CE

A ENERGY CLASS

	18	24	30
Nominal Power [kW]:	17,59	22,63	27,57
Power released to the water [kW]:	12,49	15,98	19,54
Power released to local space [kW]:	5,10	6,65	8,03
Efficiency [%]:	80	80	80

SIZES
Basic 18   W/H/D: 790/1150/680 mm
Basic 24   W/H/D: 870/1220/730 mm
Basic 30   W/H/D: 930/1290/790 mm

central heating fireplace BASIC PLUS
vertical sliding door

Wood

5 years warranty

CE

A ENERGY CLASS

round door   prismatic door

SIZES
Basic Plus 18   W/H/D: 790/1190/690 mm
Basic Plus 24   W/H/D: 870/1260/740 mm
Basic Plus 30   W/H/D: 930/1340/790 mm
Basic Plus 30 (round door)   W/H/D: 930/1380/930 mm
Basic Plus 30 (prismatic door)   W/H/D: 930/1380/930 mm

	18	24	30
Nominal Power [kW]:	17,59	22,63	27,57
Power released to the water [kW]:	12,49	15,98	19,54
Power released to local space [kW]:	5,10	6,65	8,03
Efficiency [%]:	80	80	80

central heating fireplace DELUXE

Wood

eco Design

5 years warranty

CE

classic door   vertical sliding door

A+ ENERGY CLASS

87,5% EFFICIENCY   19,3 KW

CO=10% mg/Nm3

PP=20 mg/Nm3

tested and certified by Fraunhofer IBF
Zertifikat Z-003-2016

	vertical sliding door	classic door
Nominal Power [kW]:	19,3	19,3
Power released to the water [kW]:	13	13
Power released to local space [kW]:	6,3	6,3
Efficiency [%]:	87,5	87,5

SIZES
Deluxe (classic door)   W/H/D: 660/1320/750 mm
Deluxe (vertical sliding door)   W/H/D: 790/1750/800 mm

central heating fireplace PREMIUM

Wood

eco Design

5 years warranty

CE

classic door

87,9% EFFICIENCY   8,4 KW

CO=668 mg/Nm3

PP=19 mg/Nm3

tested and certified by Fraunhofer IBF
Zertifikat Z-003-2016

A+ ENERGY CLASS

Nominal Power [kW]:	8,4
Power released to the water [kW]:	4,2
Power released to local space [kW]:	4,2
Efficiency [%]:	87,9

SIZES
W/H/D: 460/1220/550 mm

central heating stove DOMINA

Wood

5 years warranty

CE

Cream   Bordeaux

A ENERGY CLASS

Nominal Power [kW]:	21
Power released to the water [kW]:	14
Power released to local space [kW]:	7
Efficiency [%]:	83

SIZES
Domina (with oven) W/H/D: 595/1525/597 mm
Domina (without oven) W/H/D: 595/1185/597 mm

central heating cook MARGOTTA

Wood

5 years warranty

CE

Black

Bordeaux   Cream

A ENERGY CLASS

Nominal Power [kW]:	21
Power released to the water [kW]:	13
Power released to local space [kW]:	8
Efficiency [%]:	81

SIZES
W/H/D: 970/860/610 mm

central heating fireplace BASIC PLUS COMBI
vertical sliding door

Wood   Pellet   Olive kernel   Nut shells   Almond shells   Pistachio shells

5 years warranty

CE

A ENERGY CLASS

	WOOD	GRANULARY FUELS
Nominal Power min./max. [kW]:	n.d. - 19,55	6,7 - 23,2
Power released to the water min./max. [kW]:	n.d. - 12,10	4,5 - 18,1
Power released to local space min./max. [kW]:	n.d. - 7,45	2,2 - 5,1
Efficiency to min./max. Power [%]:	n.d. - 80,00	83,30 - 81

SIZES
W/H/D: 1460/1475/690 mm

– SCHEDULED AUTOMATIC IGNITION
– AUTOMATIC SWITCH WOOD/GRANULARY MODE

central heating fireplace DELUXE PRO

Wood   Pellet

eco Design

90,8% EFFICIENCY

tested and certified by Fraunhofer IBF
Zertifikat Z-003-2016

5 years warranty

CE

classic door   vertical sliding door

A+ ENERGY CLASS

	WOOD	PELLET
Nominal Power min./max. [kW]:	19,3	10 - 22,2
Power released to the water min./max. [kW]:	13,0	6,1 - 14,7
Power released to local space min./max. [kW]:	6,3	3,9 - 7,5
Efficiency to min./max. Power [%]:	87,5	91,9 - 90,8

SIZES
Deluxe Pro (classic door) W/H/D: 1197/1319/750 mm
Deluxe Pro (vertical sliding door) W/H/D: 1259/1746/800 mm

– SCHEDULED AUTOMATIC IGNITION
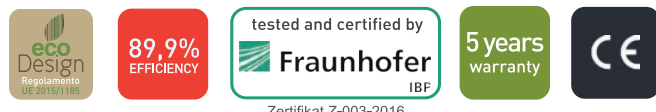– AUTOMATIC SWITCH WOOD/PELLET MODE

central heating fireplace PREMIUM PRO

Wood   Pellet

eco Design

89,9% EFFICIENCY

tested and certified by Fraunhofer IBF
Zertifikat Z-003-2016

5 years warranty

CE

Classic door

A+ ENERGY CLASS

	WOOD	PELLET
Nominal Power min./max. [kW]:	8,4	7,3 - 11,3
Power released to the water min./max. [kW]:	4,2	4,0 - 7,3
Power released to local space min./max. [kW]:	4,2	3,3 - 4,0
Efficiency to min./max. Power [%]:	87,9	92 - 89,9

SIZES
W/H/D: 995/1220/651 mm

– SCHEDULED AUTOMATIC IGNITION
– AUTOMATIC SWITCH WOOD/PELLET MODE

multifuel boiler MAGIKFIRE

Wood   Pellet   Olive kernel   Nut shells   Almond shells   Pistachio shells

5 years warranty

CE
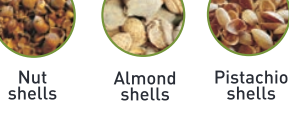
A ENERGY CLASS

	25	34	50
Nominal Power [kW]:	20,70	27,20	39,70
Minimum Power [kW]:	6,5	8,0	15,0
Efficiency to Nominal Power [%]:	80	80	80
Efficiency to Minimum Power [%]:	80	80	80

SIZES
Magikfire 25/34   W/H/D: 1350/1400/910 mm
Magikfire 50   W/H/D: 1350/1550/910 mm

– SCHEDULED AUTOMATIC IGNITION
– AUTOMATIC SWITCH WOOD/GRANULARY MODE
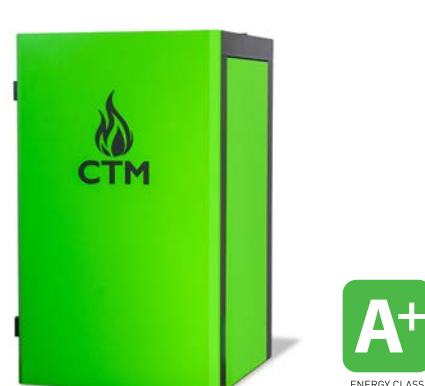
multifuel boiler POLIFIRE ECO

Wood   Pellet

eco Design

5 years warranty

CE

A+ ENERGY CLASS

	19	25	28	32	49	76
Nominal Power [kW]:	19	25	28	32	49	76
Minimum Power [kW]:	4,8	7,5	8,4	9,6	15	21,6
Efficiency to Nominal Power [%]:	90,5	90,5	90,5	93	93	89,3
Efficiency to Minimum Power [%]:	92,9	92,9	92,9	93,1	93,1	90,7

SIZES
Polifire eco 19/25   W/H/D: 1280/1220/1180 mm
Polifire eco 28/32   W/H/D: 1370/1220/1180 mm
Polifire eco 49   W/H/D: 1650/1380/1410 mm
Polifire eco 76   W/H/D: 1650/1530/1410 mm

– SCHEDULED AUTOMATIC IGNITION
– AUTOMATIC SWITCH WOOD/PELLET MODE

pellet boiler KOPERNIKO

Pellet

tested and certified by Fraunhofer IBF
Zertifikat Z-003-2016

eco Design

5 years warranty

CE

A+ ENERGY CLASS

	21	27	34
Nominal Power [kW]:	20,10	25,40	32,50
Minimum Power [kW]:	5,6	5,6	9,4
Efficiency to Minimum Power [%]:	91,5	90,8	90,1
Efficiency to Minimum Power [%]:	95,4	95,4	93,3

SIZES
Koperniko W/H/D: 700/1275/808 mm

pyrolitic boiler ECOWOOD

Wood   Brickets

eco Design

5 years warranty

CE

A+ ENERGY CLASS

	12	18	25	31
Nominal Power [kW]:	12	18	25	31
Adjustable Power [kW]:	7-15	10-25	15-32	25-40
Efficiency to Nominal Power [%]:	92	92	92	92

SIZES
Ecowood 12   W/H/D: 568/1204/880 mm
Ecowood 18   W/H/D: 568/1404/880 mm
Ecowood 25   W/H/D: 752/1404/880 mm
Ecowood 31   W/H/D: 752/1404/880 mm