



YEŞİLYURTLAR®
MAKİNA İSİ CİHAZLARI SANAYİ VE TİCARET LTD.ŞTİ

PRODUCT CATALOGUE

*Building the best
with inspiration and innovation*



İvedik OSB Mah. 1472. Cad. No:2
(06378) Yenimahalle / Ankara / TURKEY



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SMART ROBOTIC GREENHOUSE BOILER



SPECIFICATIONS



EFFICIENCY: 90% UCTEA approved



OPERATING PRESSURE: 6 - 20 bar



CAPACITY: 1.000.000 – 6.000.000 kcal/h



COAL



WOOD



BIOMASS



PELLET

FULLY AUTOMATIC

The boiler receives fuel by using the loading tape, automatically burns it and automatically throws out the ash.

EASY REMOTE FEATURE

Remote control via mobile devices.
Smart touch screen control panel.

DOUBLE COMBUSTION CHAMBER

2 separate combustion chambers inside.
It's possible to use both of them simultaneously or separately from each other as backup.

ENVIRONMENTALLY FRIENDLY

Due to 90% burning efficiency, no smoke comes out of the chimney.
Produced according to the KYOTO Protocol.

PRODUCTION IN ACCORD WITH



PATENTED BY / PRODUCT VIDEO



www.bit.do/robotboiler

BOILER CAPACITY	kcal/h	1.500.000	2.000.000	2.500.000	3.000.000	3.500.000	4.000.000	4.500.000	5.000.000	5.500.000	6.000.000
	MW	1,7	2,3	2,9	3,5	4,1	4,7	5,2	5,8	6,4	7,0
*AVERAGE FUEL CONSUMPTION (kg/h)											
COAL - 7200 kcal/h		93	123	154	185	216	247	278	309	340	370
COAL - 5500 kcal/h		121	162	202	242	283	323	364	404	444	485
COAL - 4000 kcal/h		167	222	278	333	389	444	500	556	611	667
COAL - 2500 kcal/h		267	356	444	533	622	711	800	889	978	1067

****All information and data given in the brochure may vary depending on products' model and usage.**

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GAS & LIQUID FUEL FIRED GREENHOUSE BOILER



SPECIFICATIONS



EFFICIENCY: Up to 98%



OPERATING PRESSURE: 6 - 20 bar



RANGE : 1.000.000 – 10.000.000 kcal/h



GAS



FUEL OIL



DIESEL

3 & 4 PASS BOILERS

Flue gases pass three/four times in the boiler, and maximize the heat transfer.

LOW FUEL CONSUMPTION

Due to high heat transfer surface, our boilers consume less fuel than other boilers.

ECO-FRIENDLY

WORKS IN LOW GAS PRESSURE

Ultra Low NOx emissions.
Ability to work in irregular pressure.

LOW FLUE GAS TEMPERATURE

Flue gases coming out of the chimney have temperature about *50°C - 120°C.

PRODUCTION IN ACCORD WITH

TS EN 303/1-3 and TS 497



HIGH QUALITY MATERIALS

In conformity with TS EN 10028-2 & TS EN 10217-2 standards; P235GH high temperature and high pressure resistant steel boiler sheets, P235GH high temperature and pressure resistant normalized boiler tubes are used.

BOILER CAPACITY	kcal/h	1.500.000	2.000.000	2.500.000	3.000.000	3.500.000	4.000.000	4.500.000	5.000.000	5.500.000	6.000.000
	MW	1,7	2,3	2,9	3,5	4,1	4,7	5,2	5,8	6,4	7,0
*AVERAGE FUEL CONSUMPTION (m³/h)											
GAS (8250 kcal/h)		77	102	128	153	179	204	219	230	255	281
FUEL OIL (9200 kcal/h)		69	92	114	137	160	183	197	206	229	252
DIESEL (10200 kcal/h)		62	83	103	124	144	165	178	186	206	227

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SOLID FUEL FIRED GREENHOUSE BOILER



SPECIFICATIONS



ADVANTAGE: Low Startup Cost



OPERATING PRESSURE: 3 - 20 bar



CAPACITY: 1.000.000 – 3.500.000 kcal/h



COAL



WOOD



BIOMASS



PELLET



SAWDUST



STOKER MATERIAL & HIGH SAFETY

Stoker material is made of 19Mn6 & 17Mn4, which makes stoker highly resistant to heat.



LONG LIFE & HIGH DURABILITY

Great robustness and long working life. Low maintenance & low startup costs.



STOKER SAFETY

Water cooling stoker system prevents stoker to be damaged. Stoker safety system not only protects stoker, but also protects the whole system in the event of power failures.



PLC CONTROL

Stoker system is equipped with PLC Control. Operating intervals can be easily adjusted according to desired type of fuel.



PRODUCTION IN ACCORD WITH



SPECIAL MATERIALS USED

High temperature & pressure-resistant, 30 mm thick special boiler materials P355GH & S235GH in accordance with TS EN 10028-2 norms are used. Safest boilers in the industry.



CAPACITY	kcal/h	1.000.000	1.250.000	1.500.000	1.750.000	2.000.000	2.250.000	2.500.000	2.750.000	3.000.000	3.500.000
	MW	1,2	1,5	1,7	2,0	2,3	2,6	2,9	3,2	3,5	4,1
*AVERAGE FUEL CONSUMPTION (kg/h)											
COAL - 7200 kcal/h		79	99	119	139	159	179	198	218	238	278
COAL - 5500 kcal/h		104	130	156	182	208	234	260	286	312	364
COAL - 4000 kcal/h		143	179	214	250	286	321	357	393	429	500
COAL - 2500 kcal/h		229	286	343	400	457	514	571	629	686	800

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REFERENCES



GAS & DIESEL FUEL FIRED BOILER - 2 X 4,000,000 Kcal/h - GREENER MMC - SABIRABAD/AZERBAIJAN - 2020

GAS FIRED BOILER - 4,000,000 Kcal/h - GREENER MMC - SABIRABAD/AZERBAIJAN - 2020

GAS & DIESEL FUEL FIRED BOILER - 3 X 4,500,000 Kcal/h - ALP ÇETİN - TURKMENISTAN - 2020

GAS & DIESEL FUEL FIRED BOILER - 2 X 5,000,000 Kcal/h - ASYA SERA - TURKMENISTAN - 2020

GAS & DIESEL FUEL FIRED BOILER - 2 X 3,000,000 Kcal/h - ASYA SERA - UZBEKISTAN - 2019

SOLID FUEL FIRED BOILER - 2,000,000 Kcal/h - FLORATEK TARIM - ALANYA/TURKEY - 2019

GAS FIRED BOILER - 2,150,000 Kcal/h - BUSER PROJECT - MARY/TURKMENISTAN - 2019

GAS & DIESEL FUEL FIRED BOILER - 2,150,000 Kcal/h - BUSER PROJECT - MARY/TURKMENISTAN - 2019

SOLID FUEL FIRED BOILER - 5,000,000 Kcal/h - ÇUKUROVA FİDE - ARİF KARYAĞDI - ANTALYA/TURKEY - 2019

SOLID FUEL FIRED BOILER - 2 X 6,000,000 Kcal/h - GARDEN KOALA - ADANA/TURKEY - 2019

SOLID FUEL FIRED BOILER - 6,000,000 Kcal/h - ORUÇOĞLU - ESKİŞEHİR/TURKEY - 2019

GAS & COAL FIRED BOILER - 2,000,000 Kcal/h - NOVAGRIC - SAMARKAND/UZBEKISTAN - 2019

GAS & DIESEL FUEL FIRED BOILER - 2,500,000 Kcal/h - DAVR SAVDO LTD - TASHKENT/UZBEKISTAN - 2019

GAS & DIESEL FUEL FIRED BOILER - 2,500,000 Kcal/h - ODIL SOY OIL LLC - ANDIJAN/UZBEKISTAN - 2019

GAS & DIESEL FIRED BOILER - 2 X 3,000,000 Kcal/h - RAXIMBERGAN-NURXON - KHIVA/UZBEKISTAN - 2019

GAS & DIESEL FUEL FIRED BOILER - 4 X 5,000,000 Kcal/h - SERPİN ÇELİK - NAVOIY/UZBEKISTAN - 2019

GAS FIRED BOILER - 1,000,000 Kcal/h - BMT DIŞ TİCARET - ASHGABAT/TURKMENISTAN - 2018

BUFFER TANK - 1,500 m³ - SMART GENIAL GENERAL TRADING LLC - ASHGABAT/TURKMENISTAN - 2018

LNG FIRED BOILER - 4,000,000 Kcal/h - ANTMEK TARIM - ANTALYA/TURKEY - 2018

GAS & DIESEL FUEL FIRED BOILER - 2,150,000 Kcal/h - YEDPA - BAKU/AZERBAIJAN - 2018

FUEL OIL FIRED BOILER - 2 X 3,000,000 Kcal/h - MAVRUZ TARIM - ÇANAKKALE/TURKEY - 2018

GAS & DIESEL FIRED BOILER - 2,500,000 Kcal/h - ASYA MODERN SERACILIK - NUKUS/UZBEKISTAN - 2018

GAS & DIESEL FIRED BOILER - 2 X 4,500,000 Kcal/h - ASYA MODERN - NUKUS/UZBEKISTAN - 2018

SOLID FUEL FIRED BOILER - 2,500,000 Kcal/h - ANTALYA ZİRVE FİDE - ANTALYA/TURKEY - 2017

GAS & DIESEL FIRED BOILER - 4 X 4,300,000 Kcal/h - DORT P. BEREKEDI - ASHGABAT/TURKMENISTAN - 2017

GAS & DIESEL FIRED BOILER - 6,000,000 Kcal/h - ORUCOV VASİF VAGİFOĞLU - BAKU/AZERBAIJAN - 2017

SOLID FUEL FIRED BOILER - 6,000,000 Kcal/h - ANTALYA FİDE - ANTALYA/TURKEY - 2017

SOLID FUEL FIRED BOILER - 3,500,000 Kcal/h - ANTALYA ZİRVE FİDE - ANTALYA/TURKEY - 2017

SOLID FUEL FIRED BOILER - 2,500,000 Kcal/h - AYS PROJE - MERSİN/TURKEY - 2017

GAS & DIESEL FUEL FIRED BOILER - 2 X 4,500,000 Kcal/h - AQROINNOVA LLC - BAKU/AZERBAIJAN - 2017

GAS & DIESEL FUEL FIRED BOILER - 6,000,000 Kcal/h - AYS PROJE - SHYMKENT/KAZAKHSTAN - 2017

SOLID FUEL FIRED BOILER - 3,000,000 Kcal/h - MAKİ TARIM - ANTALYA/TURKEY - 2017

SOLID FUEL FIRED BOILER - 5,000,000 Kcal/h - GÜNEY SERACILIK - TASHKENT/UZBEKISTAN - 2017

GAS FIRED BOILER - 2 X 2,500,000 Kcal/h - TOMATTO PLANT INVEST - TASHKENT/UZBEKISTAN - 2017

GAS FIRED BOILER - 2,500,000 Kcal/h - SHARK YULDUZI FAYZ - ANDIJAN/UZBEKISTAN - 2017

GAS FIRED BOILER - 2,500,000 Kcal/h - BAXT HARAkat MEVASI - KHOREZM/UZBEKISTAN - 2017

SOLID FUEL FIRED BOILER - 6,000,000 Kcal/h - FLOUR - ANTALYA/TURKEY - 2017

SOLID FUEL FIRED BOILER - 2 X 6,000,000 Kcal/h - HISTHİL TOROS FİDECİLİK - ANTALYA/TURKEY - 2017

SOLID FUEL FIRED BOILER - 3,500,000 Kcal/h - ANADOLU TOHUM - ANTALYA/TURKEY - 2016



REFERENCES



SOLID FUEL FIRED BOILER - 6,000,000 Kcal/h - ÖZGÜR OK - AYDIN/TURKEY - 2016

SOLID FUEL FIRED BOILER - 4,000,000 Kcal/h - BULGAN TARIM - ANTALYA/TURKEY - 2016

GAS FIRED BOILER - 250,000 Kcal/h - (BAYER) NUNHEMS TOHUMCULUK - ANTALYA/TURKEY - 2016

SOLID FUEL FIRED BOILER - 2,000,000 Kcal/h - HM CALUSE - ANTALYA/TURKEY - 2016

SOLID FUEL FIRED BOILER - 5,000,000 Kcal/h - BİRLİK ZİRAAT - UŞAK/TURKEY - 2015

SOLID FUEL FIRED BOILER - 2 X 500,000. 2 X 600,000 Kcal/h - HADE FİDANCILIK - IZMİR/TURKEY - 2015

SOLID FUEL FIRED BOILER - 3,000,000 Kcal/h - BİRLİK TARIM - IZMİR/TURKEY - 2015

BUFFER TANK - 3,000 m³ - YDA TARIM - IZMİR/TURKEY - 2015

GAS FIRED BOILER - 1,000,000 Kcal/h - SÜLEYMAN RÜSTEMLİ - BAKU/AZERBAIJAN - 2015

GAS FIRED BOILER - 1,500,000 Kcal/h - SÜLEYMAN RÜSTEMLİ - BAKU/AZERBAIJAN - 2015

SOLID FUEL FIRED BOILER - 4,000,000 Kcal/h - ERÜST TARIM - ANTALYA/TURKEY - 2015

SOLID FUEL FIRED BOILER - 3,000,000 Kcal/h - ERÜST TARIM - ANTALYA/TURKEY - 2015

SOLID FUEL FIRED BOILER - 2 X 4,000,000 Kcal/h - SİDE THALIA OTELCİLİK - ANTALYA/TURKEY - 2014

SOLID FUEL FIRED BOILER - 4,000,000 Kcal/h - SEDİR TARIM - IZMİR/TURKEY - 2014

SOLID FUEL FIRED BOILER - 5,000,000 Kcal/h - VESTA - KHARKIV/THE UKRAINE - 2014

SOLID FUEL FIRED BOILER - 4,000,000 Kcal/h - MOPAŞ MARKETÇİLİK - MANISA/SALİHLİ/TURKEY - 2014

BUFFER TANK - 1,000 m³ - MOPAŞ MARKETÇİLİK - MANISA/SALİHLİ/TURKEY - 2014

SOLID FUEL FIRED BOILER - 3 X 4,000,000 Kcal/h - PARK TERMİK ELEKTRİK - ANKARA/TURKEY - 2014

GAS FIRED BOILER - 2 X 5,000,000 Kcal/h - MÜBAY SERACILIK - IZMİR/DİKİLİ/TURKEY - 2014

GAS FIRED BOILER - 4 X 4,000,000 Kcal/h - VEMA YAPI - BAKU/AZERBAIJAN - 2014

SOLID FUEL FIRED BOILER - 2 X 5,000,000 Kcal/h - PP FANELS TT - THE CRIMEA - 2013

SOLID FUEL FIRED BOILER - 3,750,000 Kcal/h - TECNOPONIENTE INVERNADEROS - GORI/GEORGIA - 2013

GAS FIRED BOILER - 3,500,000 Kcal/h - TECNOPONIENTE INVERNADEROS - GORI/GEORGIA - 2013

GAS & COAL FIRED BOILER - 4,000,000 Kcal/h - TECNOPONIENTE INVERNADEROS - GORI/GEORGIA - 2012

SOLID FUEL FIRED BOILER - 4,500,000 Kcal/h - KAYAR TARIM - ANTALYA/TURKEY - 2012

SOLID FUEL FIRED BOILER - 4,000,000 Kcal/h - KOLTAR TARIM - IZMİR/TURKEY - 2012

GAS & DIESEL FUEL FIRED BOILER - 3,000,000 Kcal/h - EXIM TRADE LLC - MOSCOW/RUSSIA - 2012

SOLID FUEL FIRED BOILER - 3,500,000 Kcal/h - BERK TARIM - ANTALYA/TURKEY - 2011

SOLID FUEL FIRED BOILER - 3,000,000 Kcal/h - REEF LLC - NOVOROSIYSK/RUSSIA - 2011

BUFFER TANK - 1,200 m³ - GÖKKALE TARIM - AYDIN/TURKEY - 2010

SOLID FUEL FIRED BOILER - 3,500,000 Kcal/h - LYKIASUN - ANTALYA/TURKEY - 2010

GAS & DIESEL FUEL FIRED BOILER - 2,000,000 Kcal/h - ORUCOV VASİF VAGİFOĞLU - BAKU/AZERBAIJAN - 2010

GAS & DIESEL FUEL FIRED BOILER - 2,500,000 Kcal/h - AZAD ABBASOV - BAKU/AZERBAIJAN - 2010

GAS & DIESEL FUEL FIRED BOILER - 3,000,000 Kcal/h - ELÇİN SALMONOV - BAKU/AZERBAIJAN - 2010

GAS & DIESEL FUEL FIRED BOILER - 2,000,000 Kcal/h - ELÇİN SALMONOV - BAKU/AZERBAIJAN - 2010

GAS & DIESEL FUEL FIRED BOILER - 2,000,000 Kcal/h - ELÇİN SALMONOV - BAKU/AZERBAIJAN - 2009

GAS & DIESEL FUEL FIRED BOILER - 5,000,000 Kcal/h - ELÇİN SALMONOV - BAKU/AZERBAIJAN - 2009

SOLID FUEL FIRED BOILER - 3,000,000 Kcal/h - YÜKSELEN TARIM - ANTALYA/TURKEY - 2006

SOLID FUEL FIRED BOILER - 3,000,000 Kcal/h - KAYAR TARIM - ANTALYA/TURKEY - 2006

SOLID FUEL FIRED BOILER - 4,500,000 Kcal/h - HISTİL TOROS FİDECİLİK AŞ - ANTALYA/TURKEY - 2006

