

1 Million Kcal Horizontal Type Gas/Diesel Fired Thermal Oil Boiler YY(Q)W-1200Y(Q)

Date: September 10, 2024

Validity: 30 Days

**China Grade A Industrial Boiler Manufacturer****Since 1956**

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Factory Add:Xihua County Town,Henan province,China

1 Million Kcal YY(Q)W-1200Y(Q)Thermal Oil Boiler

SN	Item	Model	Manufacturer	Unit	Qty	Picture
I	Boiler body with ladder	YY(QW-1200Y(Q) Oil flow 100 m3/h Operate pressure :8bar Design pressure:11bar	Yuanda boiler	Set	1	
II	Accessories Part					
1	Control system					
(1)	Plc Touching screen Electrical cabinet	PLC Touching screen Protection: IP 65 Power supply:380v 50hz Control voltage: 220v 50hz Admissible voltage fluctuation: +5% -5% Max ambient temperature:35C° Marking: English		Set	1	 
(2)	Blow down valve	Dn25 PN1.6	China Gaoshan	Pcs	3	
(3)	Glass level gauge	AT25-I L=500		Pcs	1	
(4)	Glass level gauge	AT25-I L=1100		Pcs	1	
(5)	Ball float level controller	UQK-02		Pcs	1	
(6)	Platinum thermistor	WZP-230 L=150		Pcs	2	
(7)	Platinum thermistor	WZP-230 L=100		Pcs	4	
(8)	Bimetal thermometer	0-400C°		Pcs	3	
(9)	Interface thermal resistance	M27*2		Pcs	2	
(10)	thermometer connection	M27*2		Pcs	2	
2	Dual Fuel burner	RLS 130 Italy Riello	burner 465/930-1395 KW	Set	1	
3	Hot Oil circulation pump	RY100-65-250 Motor 37 kw	Brand: Changzhou hot oil pump China	Set	2	
4	Y type filter	DN250	Yuanda Boiler	Set	1	

YYW-1200Y(Q) Thermal Oil Boiler

SN	Item	Model	Manufacturer	Unit	Qty	Picture
5	Oil feeding pump	2CY-3.3/0.33 Motor:1.5kw Q=3.3m3/hr	China	Pcs	1	
6	Expansion tank	2m3 Design pressure:6bar Operation pressure:<2bar Design temperature <360C° Operation temperature<320C°	Yuanda boiler	Set	1	
7	Oil storage tank	3.9m3 Design pressure:6bar Operation pressure:<2bar Design temperature <360C° Operation temperature<320C°	Yuanda boiler	Set	1	
8	Oil air Separator	DN125	Yuanda Boiler	Set	1	
9	Steel chimney &duct	Height 8 m Carbon steel ,Anti corrosion paint	Yuanda Boiler	Set	1	
V	Technical documents	Quality certificate hydraulic test report, P&I Diagram, Foundation plan, General drawing. Electric cabinet diagram				
Total FOB Qingdao, China		\$44,500				
Delivery time: In 45 days after receiving the deposit						
Payment terms: 30% T / T in advance ,70% T/T before delivery						
Voltage :3 Phase 380 v 50HZ						
Shipping container : 1 X 40'GP +1X20GP						

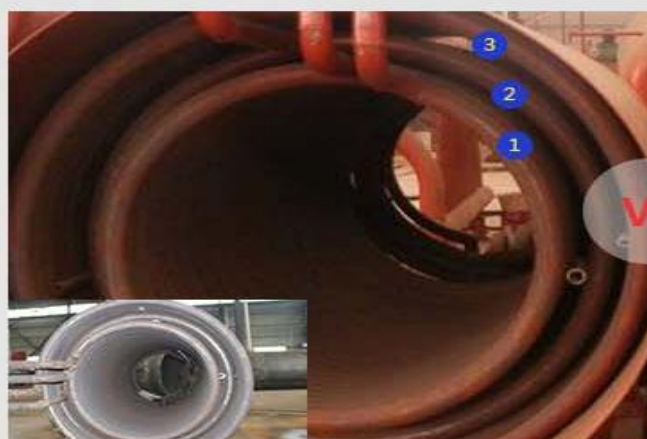
Yuanda Boiler Technical Specifications& Advantages

Item	Unit	Number
Thermal power	Kw	1200 kw
Design pressure	Mpa	0.8
Boiler efficiency	%	93.3
Maximum outlet temperature	C°	320
Return oil temperature	C°	290
Oil capacity	M3	2
Oil circulation	M3/hr	100
Hot Oil Outlet size	Mm	DN125
Coil pipe size	Mm	OD 76mm,thickness3.5mm
Coil pipe material		20#(GB3087-2008)
Packing steel material		304 Stainless steel material
Oil consumption	KG/HR	120
Natural gas consumption	M3/hr	145
Boiler size	mm	3710 x1524x2150(LXWXH)
Boiler weight	Ton	4
Total electric power	Kw	40 kw

Advantages of Yuanda Boiler Thermal oil Boiler

1. Big door design, easy for maintenance
2. **3 pass,3 layers coil pipe**, improve thermal efficiency, prevent boiler package burn deformation
3. Double layers aluminium silicate fiber insulation materials, make the thermal oil boiler surface temperature lower than 40°C
4. Rapid hardening refractory, strong solidification, not easy fall off, can last for very long time.
5. Plc touching screen control system, intelligent control, full automatic
6. Boiler furnace design with fire access, make sure thermal oil heater safe operation

Our company's boiler



Three coil pipes

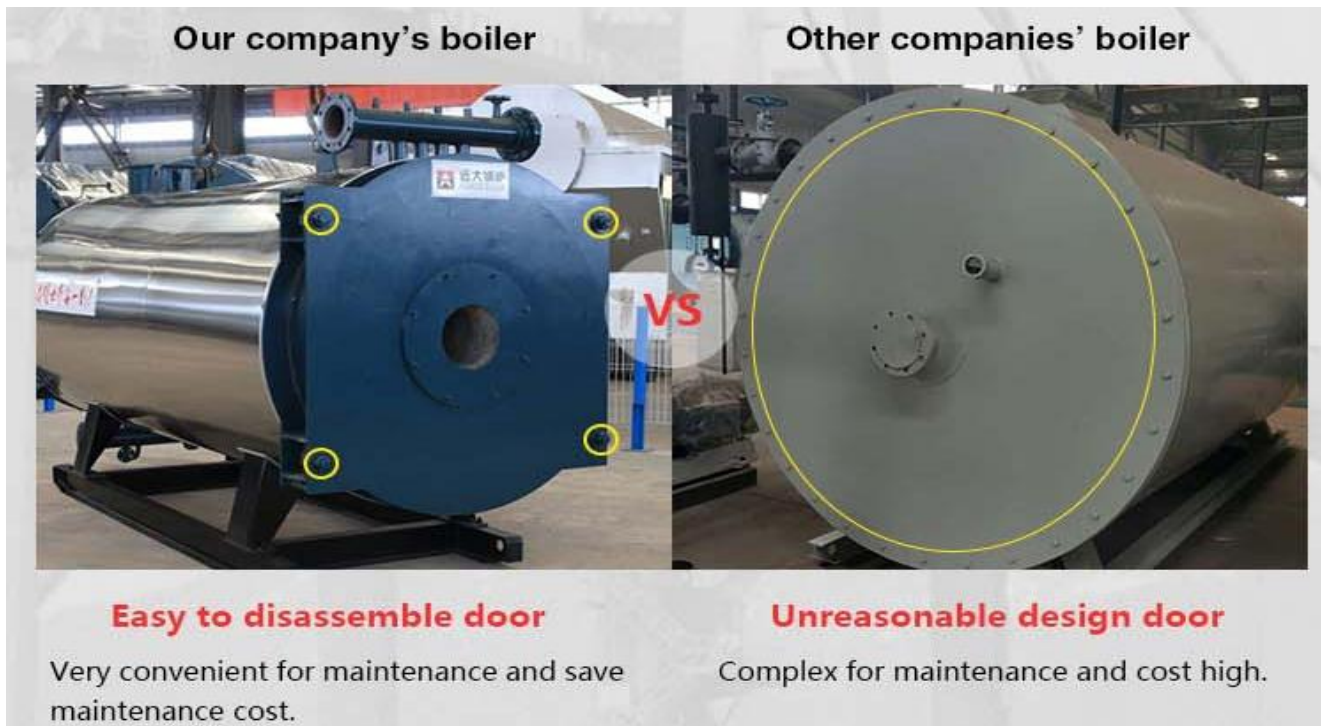
Bigger heating surface to improve boiler efficiency and the third pipes protect front smoke box and whole boiler shell from Burnt deformation.

Other companies' boiler



Two coils pipe

If user needs temperature above 250°C , boiler shell is very easy to burn out and deformation.



Service & Warranty

After-sale service

Engineer is available to supply oversea installation guidance and commissioning
the buyer bear the round trip air tickets, hotel, food, service 150USD/day.

Warranty

15 months for boiler proper and 8 months for boiler accessories dated from boiler ship on board.
During warranty time any quality problem under normal use will be covered by seller expenses.

Quality Inspection Before Delivery

- 1 100% NDT(non-destructive inspection) report of steel plate tube and welding rod;
- 2 100% X-ray inspection report(welding seam) : make sure welding totally qualified.
- 3 Hydraulic test: Make sure strength and tightness of pressure parts
- 4 Third-party inspection report: By China Henan Boiler Inspection Institute

Manufacture Standard

1.Boiler Design, Manufacture, Installation and Inspection Should be accordance with regulations as below:

TSG G0001-2012 《Boiler Safety Technical & Supervisory Regulations》

TSGG0002-2010 《Boiler Economic Technical& Supervisory Regulations》

.GB/T17410-2008 《Thermal Oil Boiler》 ,

NB/T47034-2013 《Industrial Boilers Technical Regulations》 ,

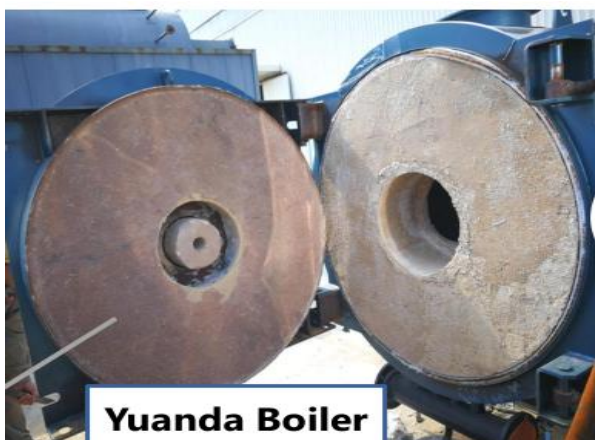
GB50273-2009 《Boiler Installation Construction & Inspection Regulations》

2.Boiler Smoke emission should Follow GB 13271-2014 《Boiler Air Pollutants Emission Standard 》

3.Hydraulic Test Should follow TSG G0001-201 《Boiler Safety Technical & Supervisory Regulations》

4.Paint&Packaging Should follow JB/T1615-199 《Technical Conditions For Boiler Paint &Packaging》

Thermal Oil Boiler



Our company

Yuanda Boiler Factory: established in 1956, as a famous brand boiler manufacturer in China with mature technology and experience in boiler industry.

We focus on

WNS Series oil/gas fired boiler(0.5ton-20 ton/hr)

0.35-14Mw Thermal oil boiler, Hot water boiler

DZL Series solid fuel fired boiler(1 ton-20 ton/hr)

SZL Series biomass fired boiler (2 ton-20 ton/hr)

We have export more than 132 countries ,in south-east Asia, Asia, Africa, South America, Middle East, Russia, etc. We Yuanda Boiler have over 60years Experienced Engineer Team + 5000ton/year Production Ability



Thermal oil Boiler Projects



Thermal Oil Boiler Export to Peru



Customer Visit



Our Exhibition

