



Boiler Specification			
Rated evaporation capacity	10 t/h	Design thermal efficiency (oil/gas)	92.38/93.19%
Rated working pressure	1.6 MPa	Smoke exhaust temperature (oil/gas)	115.4/113.9 °C
Rated steam temperature	204° C	Design fuel	0 # Light diesel (Qdw-10250Kcal/Kg)
Feed water temperature	20° C		Natural gas (Qdw-8463Kca1/Nm3)
Hydraulic test pressure	2.0 MPa		0 # Light diesel: B=692.7Kg/h
Radiation heating area	26.648 sq.m	Fuel consumption	Natural gas: B=831.63 Nm3/h
Convection heating area	209.275sq.m	Body water volume	15.2sq.m
Energy saver heating area	86.4sq.m	Boiler transportation weight	27.2 t
Boiler Transport Dimension (Length*Width*Height) 7446 x 2950 x3300mm			

Auxiliary Equipment Specifications			
Feed Water Pump	Model: KQDP50-16S X14	Flow: 16m3/h	Head: 184 meters
	Motor Power: 15Kw		Rotation Rate:2930r/min
Burner	FUEL		Gas
	Model: Baide GI1000 DSPG		Model: Baide TBG 1100MC
	Output power: 2500-10500KW		Output power: 1000-11000 KW
	Electric power: 26 kW		Electric power: 22 kW

Technical requirements

- The design, manufacture, installation, use and acceptance of the boiler shall comply with TSG G0001-2012 "Boiler Safety Technology Supervision Regulations", GB/T16508-2013 "Boiler Shell Boilers", NB/T47034-2013 "Technical Conditions for Industrial Boilers", GB50273-2009 "Boiler Installation Engineering Construction and Acceptance Code" and other standards.
- The energy saving of the boiler shall meet the requirements of TSG G0002-2010 "Supervision and Management Regulations on Boiler Energy Saving Technology".
- Boiler painting and packaging should be consistent with JB/T1615-1991 "boiler paint and packaging technical conditions" standard in the relevant provisions.
- Boiler water quality should be in line with GB/T1576-2008 "industrial boiler water quality" standard in the relevant provisions.
- Boiler smoke emissions should be consistent with the provisions of GB13271-2014 "Boiler Air Pollutant Emission Standards".
- Installation and use should be in line with the requirements of the Installation and Use Instructions.

No.	Code	Name	Qty	Material	Single Weight	Total Weight	Remarks
16	W1110C-16	Front smoke box	1	Components	1188		
15	W1110C-15	Skeleton, Skin	1	Components	560		
14	V1110C-14	Rear Smokebox	1	Components	1122		
13	W1110C-13	Flue ducts	1	Components	/		
12	W1110C-12	Foundation	1	Components	/		
11	V1110C-11	Base	1	Components	970		
10	W1510D-10	Measurement, testing and control instrumentation layout	1	Components	/		
9		Burner	1	Components	/		
8	MP-2B	Nameplate set	1	Components	0.7		
7	W1510D-07	Combustion system diagram	1	Components	/		
6		Chimney	1	Components	/		
5	W1510D(B)-05	Energy saver	1	Components	1231		
4	W1510D-05	Insulation system diagram	1	Components	2282		
3	W1110C-03	Platform escalator	1	Components	471		
2	W1510D-02	Piping, Valve, Instrumentation	1	Components	709		
1	W1510D-01	Boiler body	1	Components	20429		
No.	Code	Name	Qty	Material	Single Weight	Total Weight	Remarks

Design		Workmanship	WNS10-1.6-Y(Q)		W1510D-00	
Cartography	Standard		Steam Boiler		Pattern marking	Weight
Proofreading	Ratify				28963	Proportion
Auditing	Date					1:20
			HENAN JIAN SHEN METAL METENRIAL CO.,LTD			