

Power-Tech Re-Sale MICIK

Owner: Laslo MICIK

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Power-Tech Re-Sale MICIK, Post box 30 02 13
D-47863-Willich, Germany

Willich, 6th March 2009

Offer about second hand

Gas fired Steam Boiler 160 t/h, 76 bar a., 500 °C

Our offer no.: 928/LM-2009

1. Scope of supply

Short description of boiler type and general arrangement

The scope of supply includes the complete high pressure boiler with firing system, rotary air heater and boilers sub-systems as listed below. For first information please refer to the attached arrangement drawing. The boiler has been made in 1993 and has worked only till 1998 having approx. a total of 24.000 running hours and is in excellent condition.

The boiler is of hanging type and works by natural water circulation system. The firing systems is based on natural gas and consists of 4 gas burners.

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Scope of supply

In the offered scope of supply the next below listed parts/equipment are included:

- a) High pressure boiler body with 1 drum, made of membrane walls and equipped with super-heater and economiser (water pre-heater) tube bundles. Furthermore with all external, the boiler body surrounding, connecting pipes.
For your first information about boiler design please refer to the attached drawing.
- b) Complete rotary air-heater for preheating of burning air
- c) Control and electrical panels of the boiler's operating and control system
- d) Complete documentation consisting of operational and maintenance manuals.
- e) 4 Natural gas burners with gas supply pipes and valves
- f) Complete boiler holding and supporting steel structure with stairs and galleries.
- g) Burner control panel
- h) Burning air ventilator with air ducts and accessing installations

2. Technical data

Make:	Babcock, Germany		
Type:	Water tube, natural circulation, with 1 drum		
Year of fabrication:	1993		
Steam capacity:	160	t/h	
Drum pressure:	84	bar a.	
Life steam pressure:	76	bar a.	
Life steam temperature:	500	°C	(controlled from above 80 t/h)
and down to 40 t/h with	370	°C	
Flue gas temperature:	110	°C	at chimney
Feed water temp.:	155	°C	
Boiler's total efficiency:	92	%	
Number of burner:	4		
Fuel type(s):	Natural gas		
Location:	Not dismantled / East Germany		

3. General conditions

Condition:	Very good
Availability:	The Boiler with the offered equipment is available as of now.
Location:	Already installed (not dismantled), East Germany

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4. Commercial conditions

The a.m. equipment's price as described with items a) to h), under the condition "as it is, where it is" from location East Germany is:

EUR 1.640.000,--

Payment conditions has to be negotiated.

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L. Micik