

#	BEARING TYPE
BEA. 1	Full complement cylindrical roller bearings NCF18 series
BEA. 2	Full complement cylindrical roller bearings NCF18 series
BEA. 3	Paired set cylindrical roller bearings RN series
BEA. 4	Paired set cylindrical roller bearings RN series
BEA. 5	Spherical roller bearings
BEA. 6	Spherical roller bearings
BEA. 7	Single-row cylindrical roller bearings NJ series
BEA. 8	Single-row cylindrical roller bearings NJ series
BEA. 9	Single-row cylindrical roller bearings NU series
BEA. 10	Single-row taper roller bearings
BEA. 11	Single-row taper roller bearings



Main bearings:  
T3 Segment - Technological bearings



**Project 'Wind Mill'**  
**Wind multipliers**



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Technological bearings for speed multipliers used in medium and high power wind turbines (over 850 kW)

Maximum reliability required due to the application conditions

Bearings optimization through RKB R&D activity

Main bearings:  
T3 Segment - Technological bearings

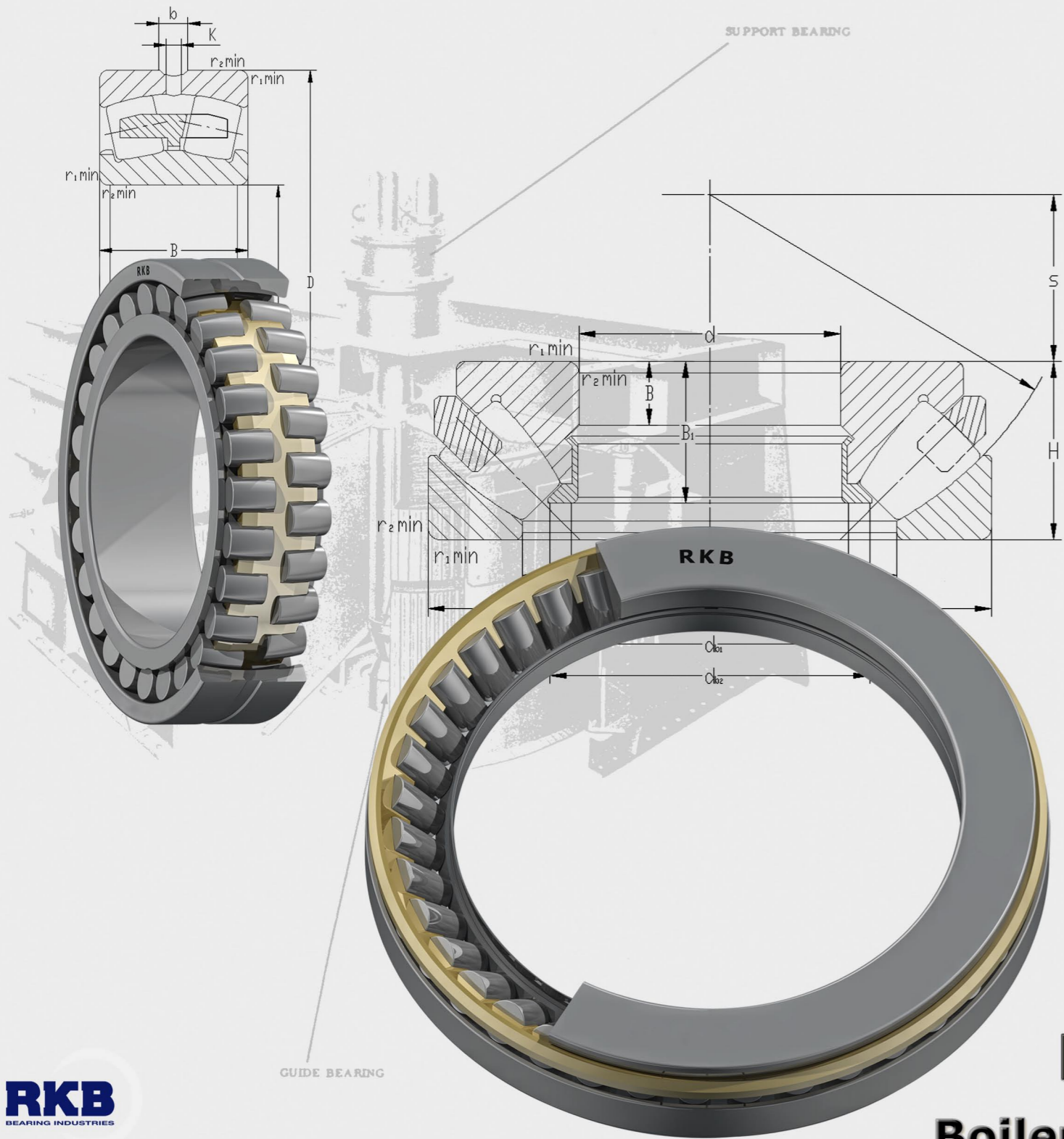


**Project 'Wind-Mill'**  
Wind multipliers

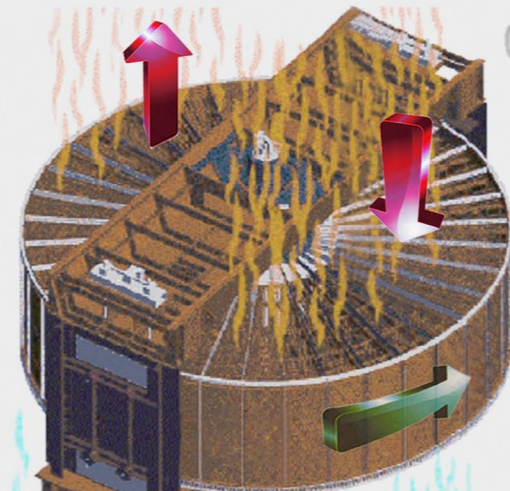




# Main bearings: T3 Segment - Technological bearings



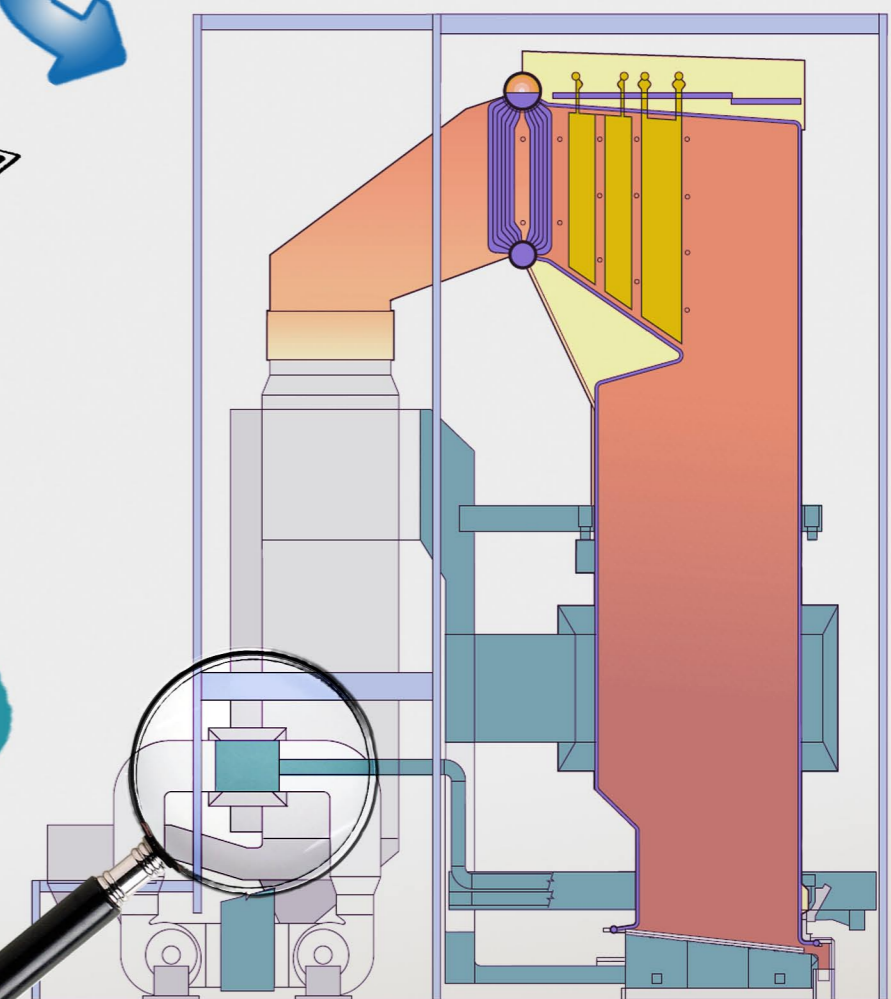
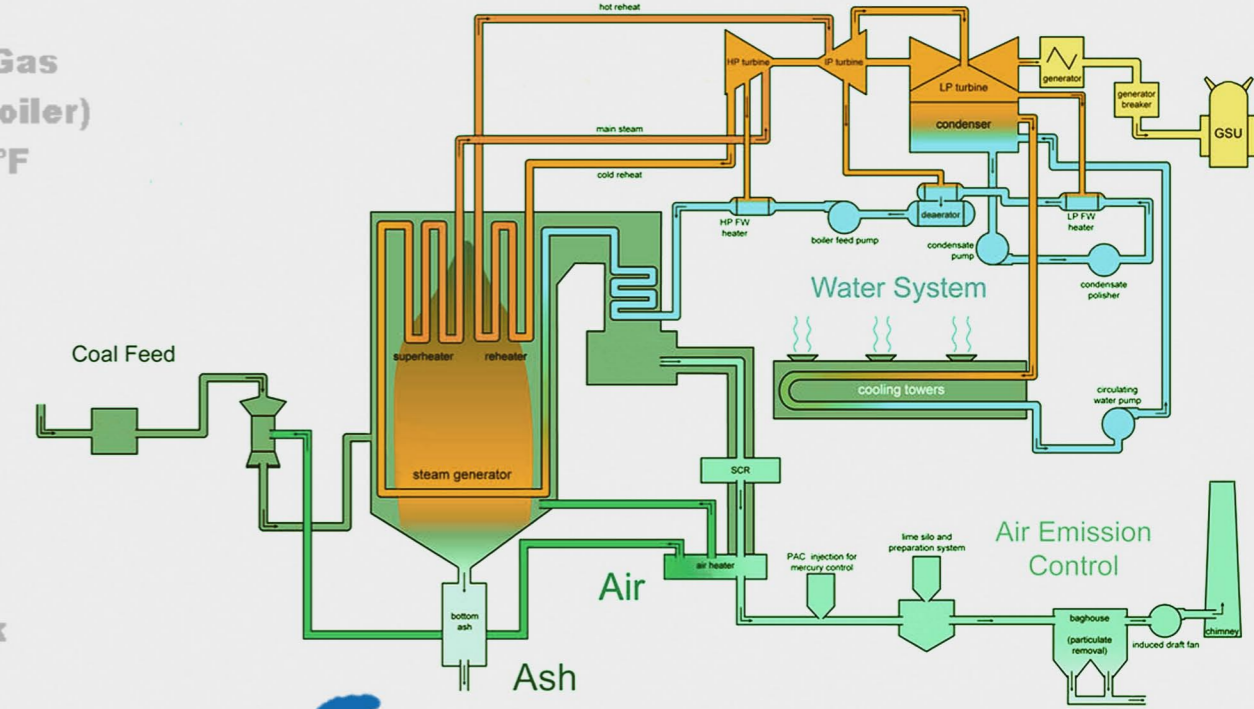
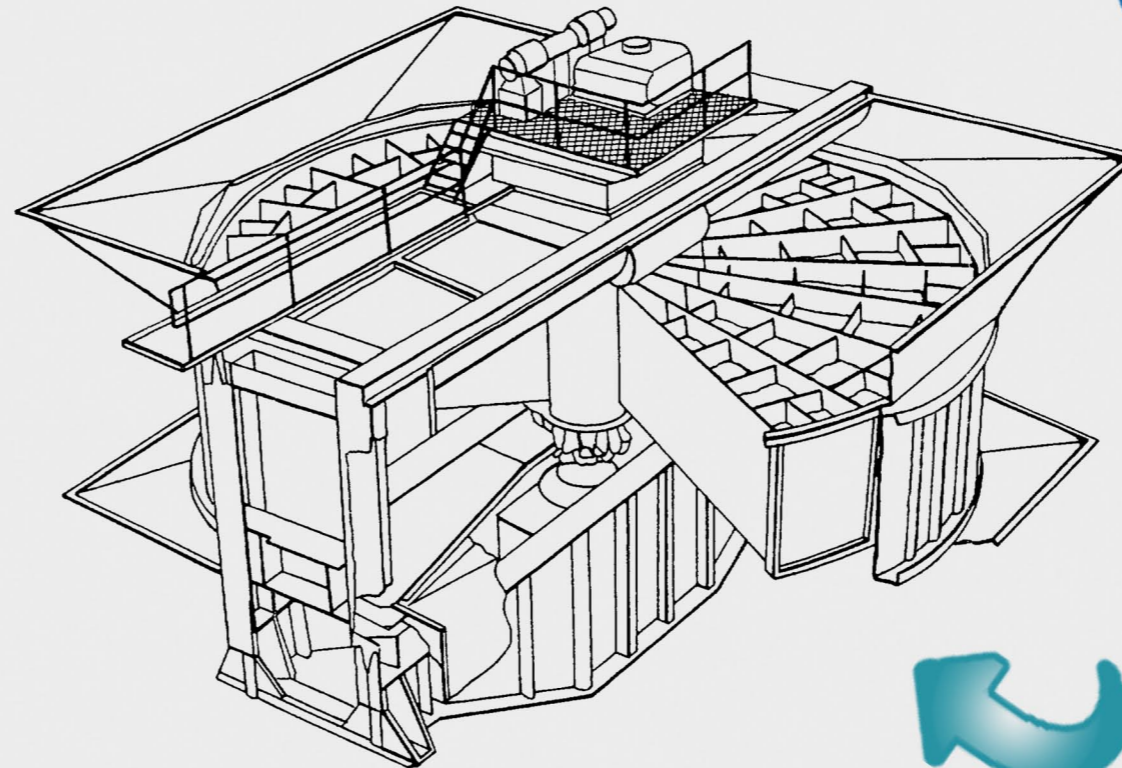
Combustion Air  
(to boiler)  
620°F



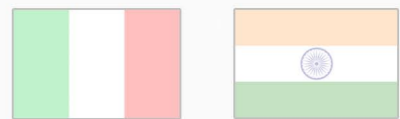
Flue Gas  
(from boiler)  
700°F

Inlet Air  
100°F

to stack  
290°F



## Project 'ABI' Boiler for power generation

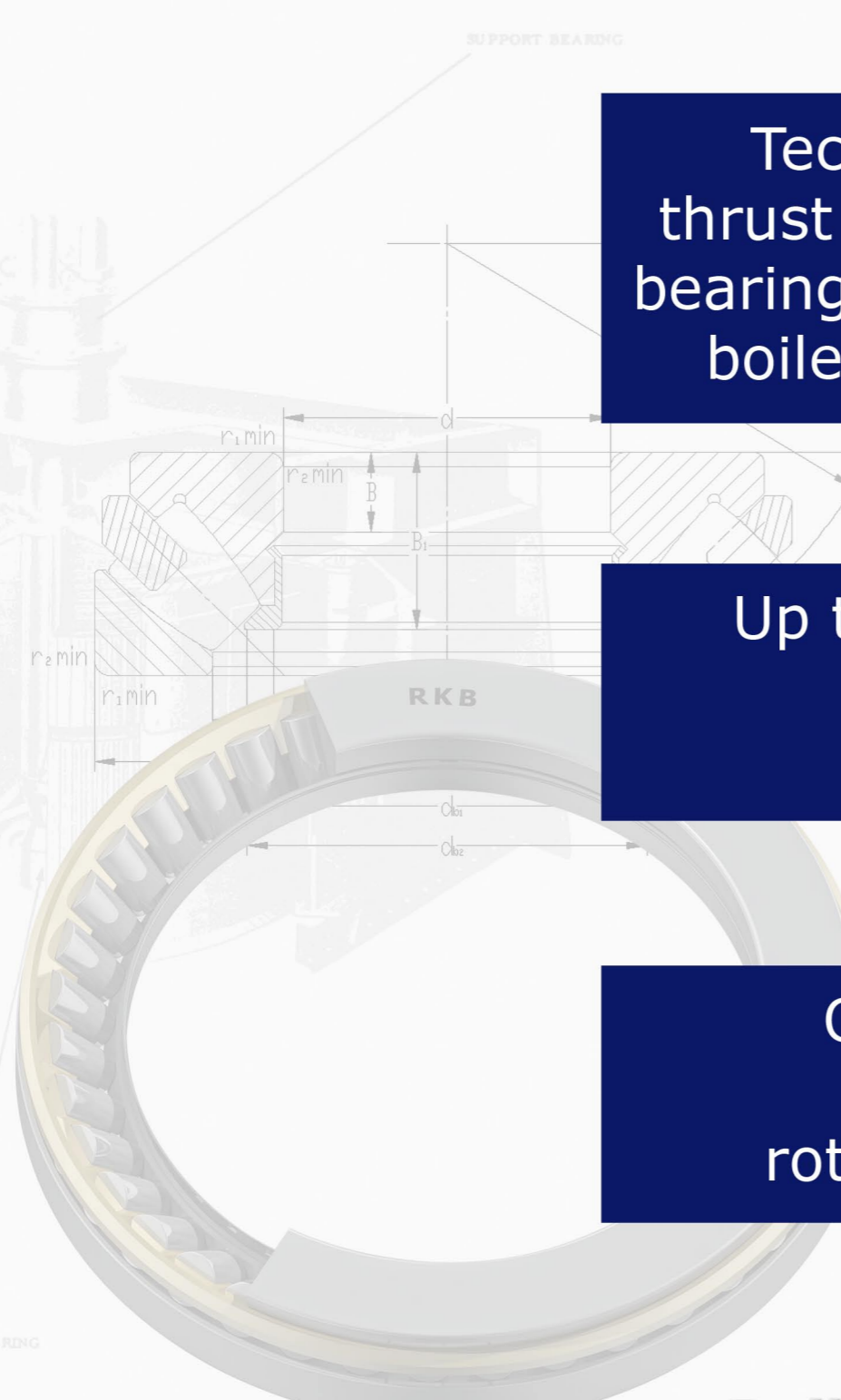
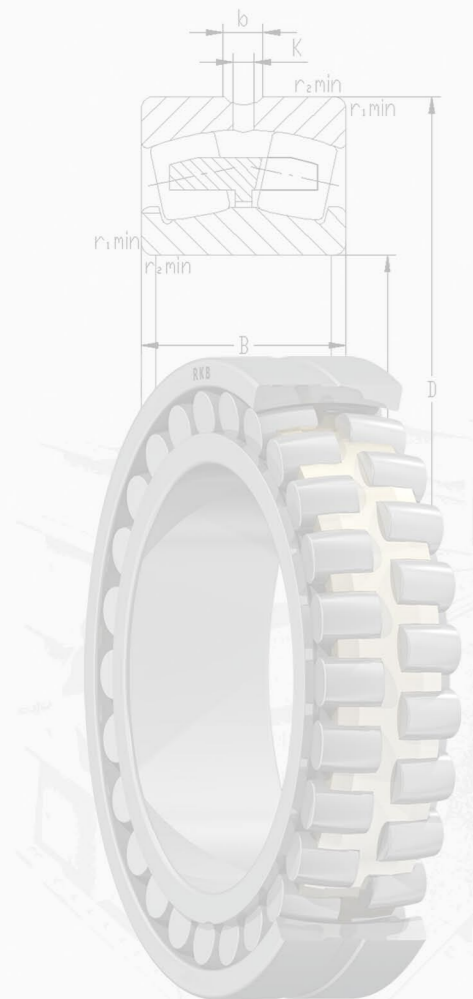


# Main bearings: T3 Segment - Technological bearings

Technological spherical roller thrust bearings and spherical roller bearings for vertical rotor of bi-drum boiler regenerative air preheater

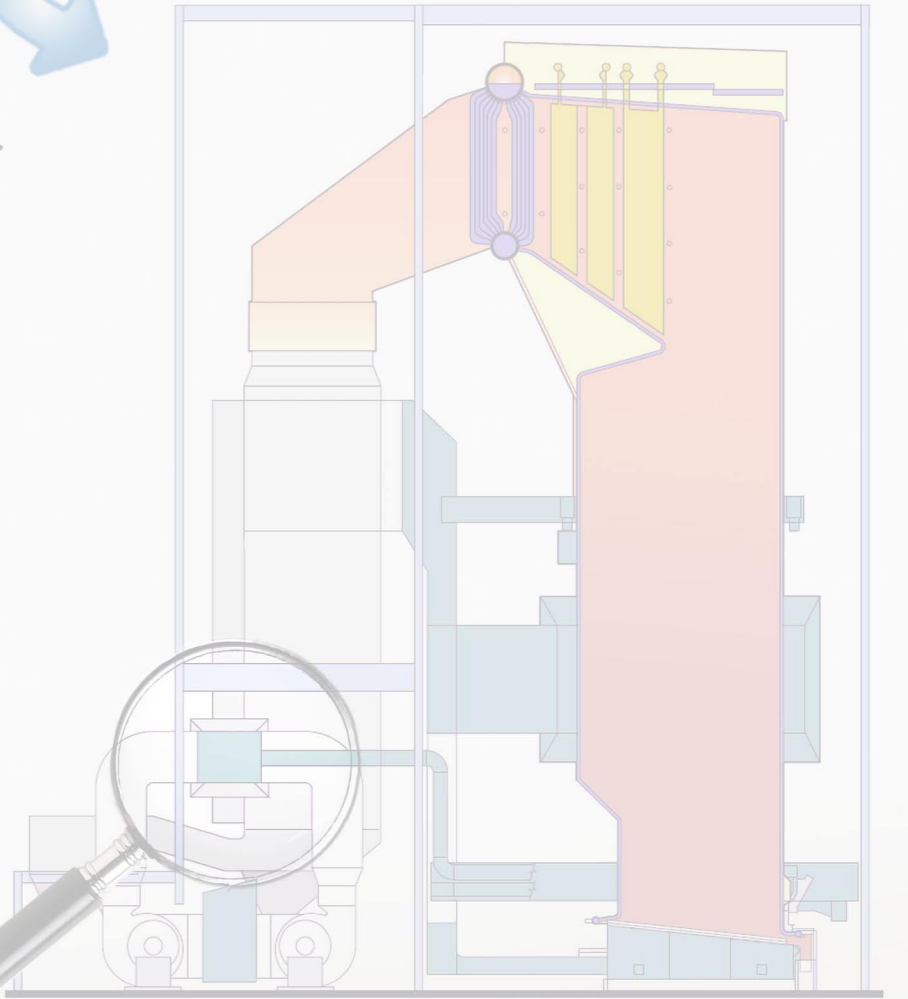
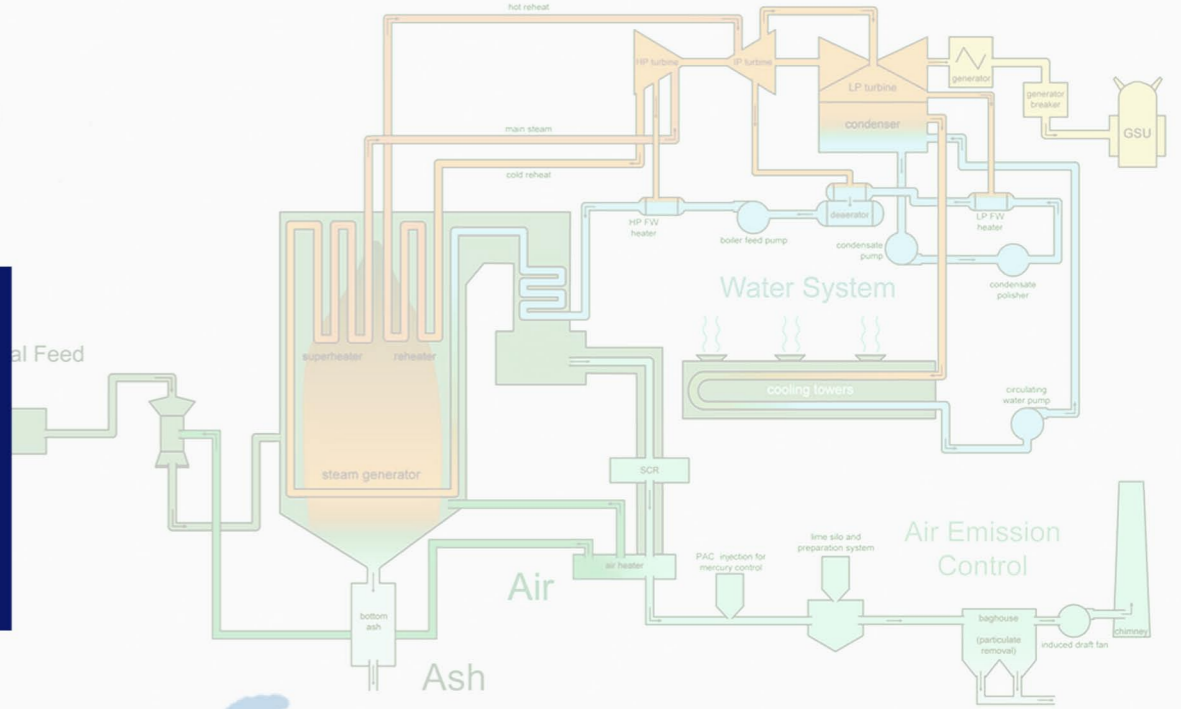
Up to 950 mm inner diameter and bearing unit mass exceeding 2950 kg

Optimized execution for heavy loads at low rotational speeds (3-5 rpm)



Combustion Air (to boiler) 620°F  
Flue Gas (from boiler) 700°F

100°F 290°F



## Project 'ABI' Boiler for power generation