

STEAM BOILER



- VERTIACL WATER TUBE STEAM BOILERS
- FOR MARINE & INDUSTRIAL
- STEAM PRODUCTION UP TO 3 TON/hr
- HIGH -EFFICIENCY, GAS ECONOMIC
- ONE-TOUCH BUTTON (WATER SUPPLY, OPERATION, BURNING)
- STEAM & WATER SEPERATOR
 - CONSECUTIVE STEAM SUPPLY IN LOADING FLCTUATION
- GENERATES STEAM LESS THAN 5 MIN.
 - REDUCED GAS LOSSES ON PREHEATING
- MINIMIZED INSTALLATION AREA
- AUTOMATICAL WASTE WATER DIPOSAL SYSTEM
(FROM TDK-400)
- <OPTION> ARTIFICIAL INTELLIGENCE CONTROL SYSTEM
 - EASY MAINTENANCE & OPERATION
- <OPTION> INVERTER
 - GAS SAVING OVER 37% IN 50Hz, 20% IN 55Hz

··NOTE·· STEAM PRESSURE 10kg/cm², WATER SUPPLY 20°C, STEAM ENTHALPY 2.78MJ/kg(663.7kcal/kg),
MIN. GAS OUTPUT = BANKER C 40.82MJ/kg(9750kcal/h), DIESEL 43.12MJ/kg(10300kcal/kg)

·· SPECIFICATIONS ··

Boiler Model		TDK-300	TDK-500	TDK-800	TDK-1000	TDK-1500	TDK-2000	TDK-2500	TDK-3000	
Stwam production	kg/hr	300	500	800	1000	1500	2000	2500	3000	
Capacity	kcal/hr	193,110	321,850	514,960	643,700	965,550	1,287,400	1,609,250	1,931,100	
Max. working pressure	Mpa(kg/cm ²)	1(10)	1(10)	1(10)	1(10)	1(10)	1(10)	1(10)	1(10)	
Efficiency	%	88	88	90	90	90	90	90	90	
Surface Area	m ²	4.9	4.99	9.7	9.9	9.9	22	27	32.5	
Power / kw	v	220V x 3ø x 4W / 380V X 3ø X 4W								
Control Type	-	On/Off	High/ Low/ Off							
Gas consumption	LNG	Nm ³ /h	22	36.7	57.5	71.8	107.8	143.7	179.7	215.6
	LPG		9.8	16.3	25.6	32	47.9	63.9	79.9	95.9
	L.Oil	l/hr	26.3	43.7	66.9	83.7	125.5	167.3	209.1	251
Body Weight	kg	580	720	1,460	2,050	2,180	3,750	4,030	4,360	
Body Dimension (mm)	Width	1,010	1,100	1,370	1,420	1,450	2,240	2,360	2,510	
	Length	1,380	1,550	2,200	2,210	2,250	3,290	3,480	3,550	
	Height	1,880	2,380	2,600	2,650	2,700	3,150	3,250	3,320	
Diameter (A/mm)	Steam vavle	32	40	50	50	65	80	80	100	
	Water inlet	25	25	25	25	25	32	32	32	
	Water outlet	25	25	40	40	40	50	50	50	
	Oil inlet	15	20	25	25	25	32	32	32	
	Gas inlet	25	40	40	40	40	50	50	50	
	Gas pipe	200	250	300	300	350	400	450	500	

* There may be a permissible error±2.5% lass
* The gas supply pressure abt. 200~4000mm AQ

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* The specification are subject to change without notices



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