

# Rice husk Furnaces

## HIGH BEAM



**HIGH BEAM Furnace** with air preheated system principle ensures smokeless combustion with a high CO<sub>2</sub> and a low CO content in the waste gas.

The HIGH BEAM Furnace will burn economically with any **biofuel** such as rice husk, corn cobs, sawdust or woodships.

The combustion chamber is manufactured from extra strength refractories and castable cement ensuring a long working life.

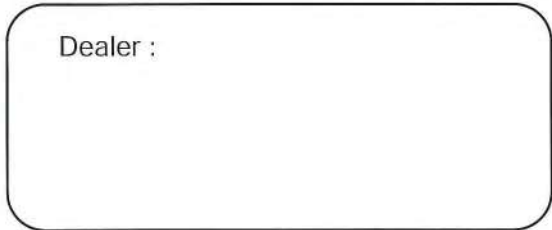
**HIGH BEAM Furnace** system can be adapted to most existing boilers or drying plant with available in output range from 500 to 3,000 kW. Multiple furnaces installation allow for greater output and flexibility.



**บริษัท ไฮเบม เอ็นจิเนียริง จำกัด**  
**HIGH BEAM ENGINEERING CO., LTD.**

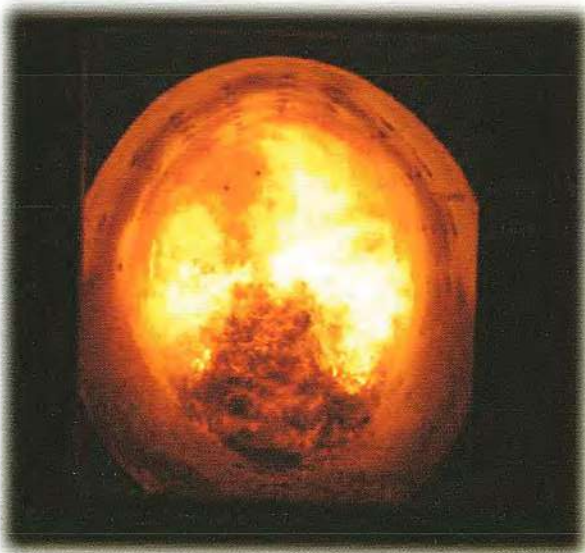
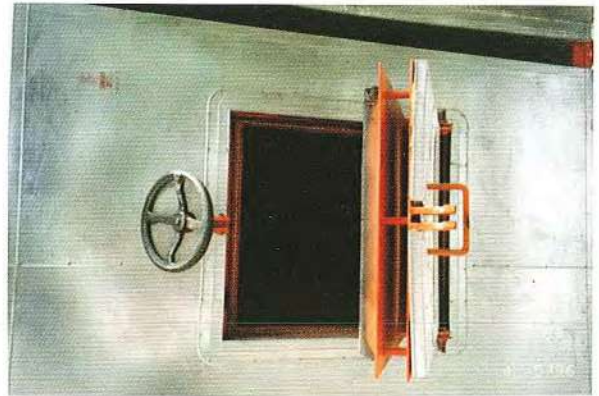
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Dealer :

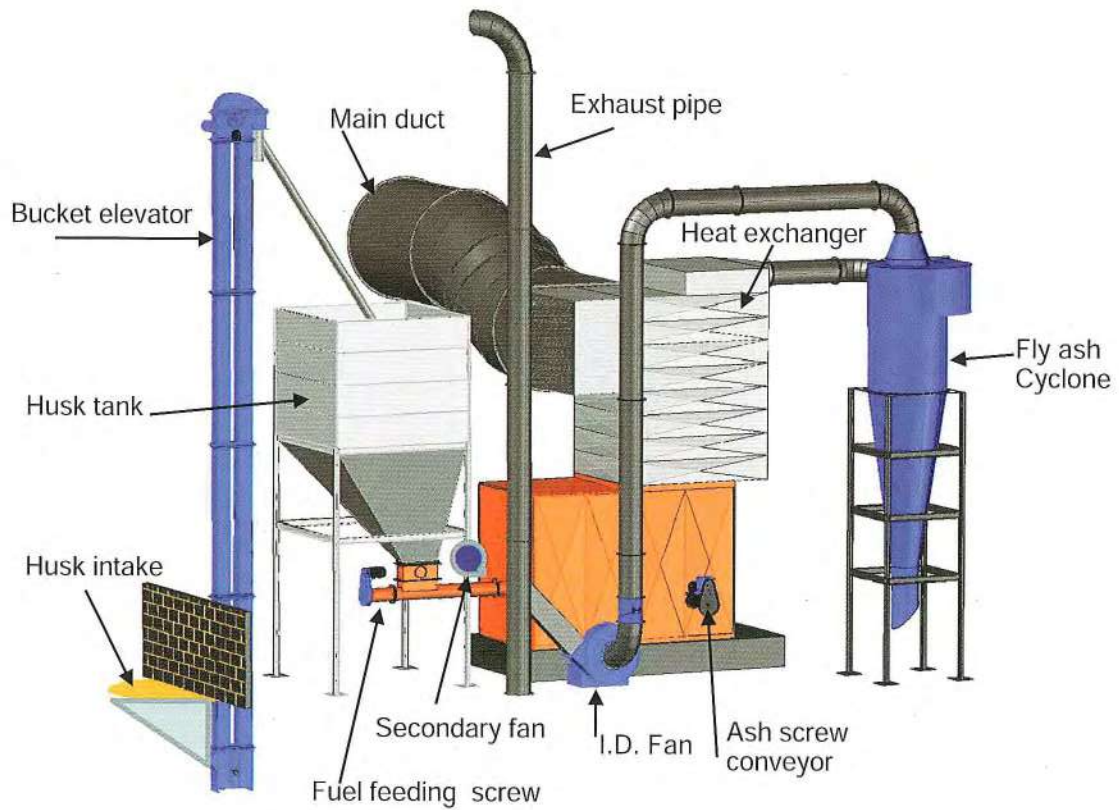


## Internal details

- ★ Automatic fuel feeding.
- ★ Ash conveying system
- ★ Combustion air preheating and cooling system.
- ★ Primary and secondary air control. System.

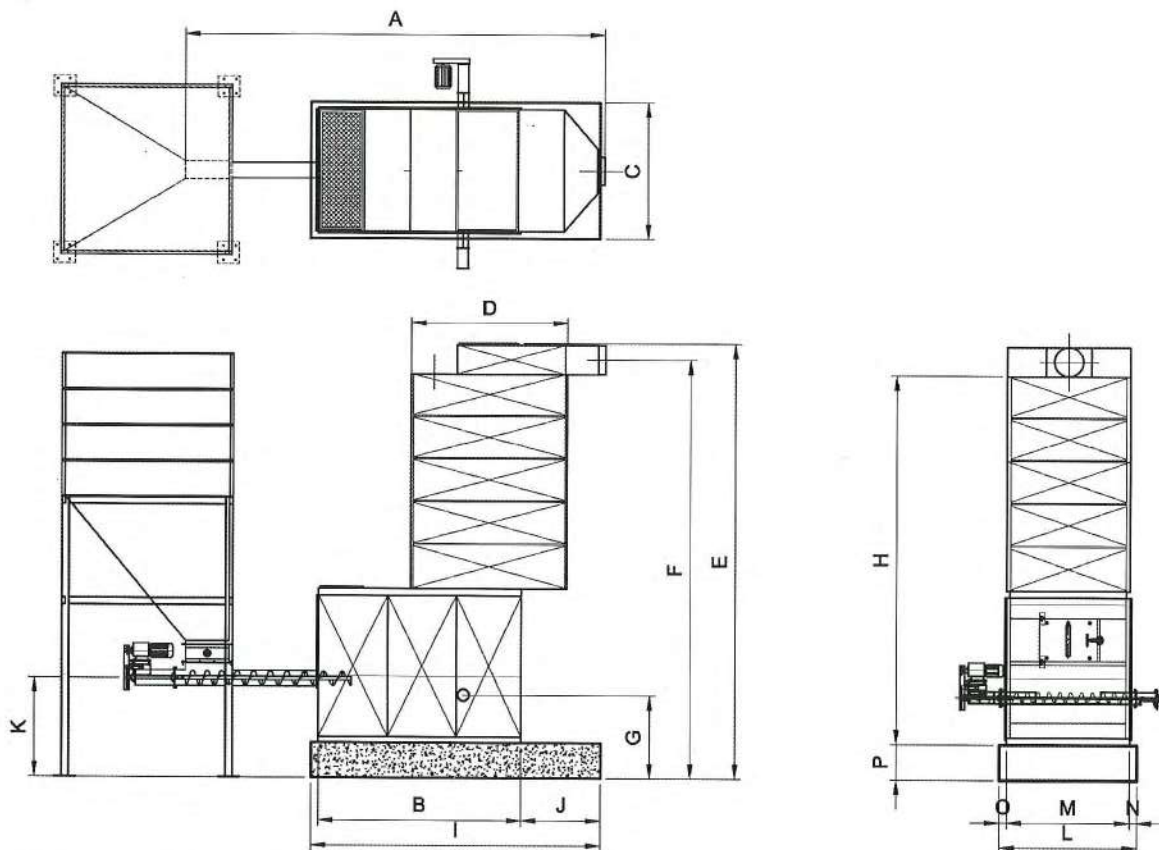


Model	UF60	UF80	UF150	UF2000	UF3000
Heat Output capacity (kW)	600	800	1500	2000	3000
Max.Fuel cons. kg/h (rice husk)	200	250	400	600	900
I.D. Fan (kW)	4.1	4.1	5.5	7.5	11
Secondary Air Fan (kW)	0.75	1.5	1.5	4	5.5
Fuel Feeding Screw (kW)	0.75	1.5	1.5	1.5	1.5
Ash screw (kW)	0.75	0.75	0.75	0.75	0.75
Total (kW)	6.35	7.75	9.25	13.75	18.75
Max.Air flow through heat exchanger m3/min	1,200	1,800	2,700	3,500	3,500



**DIMENSION :**

MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
UF 60	4790	2400	1500	1590	4820	4630	1100	2400	3000	500	1510	1500	1300	100	100	500
UF 80	5800	2805	1900	2160	6050	5820	1160	2800	4000	1095	1380	1900	1700	100	100	500
UF 150	6510	3540	2250	2450	6420	6220	1160	3540	4500	860	1380	2250	2050	100	100	500
UF 2000	7500	4220	2700	3080	7993	7750	765	7050	5500	1180	1240	2700	2550	75	75	500



\*Specification are subject to change without prior notice.