



Biomass Pellet Feeding System Details and Description

Introduction to Technology:

“Alton-PFS” is an Eco-friendly process Equipment that converts energy from biomass pellets. It Replace the furnace oil, diesel or gas-based systems into a biomass-based system, which is economical, carbon neutral, clean and sustainable.

Types of Input fuels can be used with “Alton-PFS” equipment:

- All Kind of Agri waste in pellets form.
- Sawdust in pellet form.
- Indonesian Coal can be used in sizes of 15mm to 30mm.
- All Kind of Biomass pellets size from 6mm to 20mm dia.

Salient features of “Alton-PFS”

1. Versatile Pellet feed can be used as fuel.
2. Lower power consumption.
3. Efficiency of system > 85%
4. Self-Auto Ignition provided as per customer.
5. No. Air Pollution. Can have carbon benefit.
6. Compact and Portable, easily fit in small place
7. User friendly Operation.
8. Inbuilt safety feature.
9. Fuel Level Indicator and alarm.
10. Auto Feeding for minimum utilization of Fuel.

Alton Model:

Alton PFS Model			
Sr. No.	Alton Model Name	Energy Generation	Fuel Consumption
		Kcal/hr	Kg/hr
1	Mini	15000	4
2	Ultra	50000	14
3	Agni	100000	27
4	Strom	150000	41
5	Arka	200000	54
6	Delta	300000	81
7	Blaze	400000	108
Note	The Input fuel Pellet Avg. Cv Considered as 4000 kcal/kg		

Applications:

Cooking	Farsan /Sweet Industries	Namkeen Industries
Bakery/Biscuit Industries	Packaging Industries	Ceramic Industries
Textile/Polymer Industries	Aluminium Melting Industries	Pharma Industries
Chemical Industries	Metal Annealing Industries	Mineral Drying and Sintering
Power Generation		

Advantages:

- * Superior Technology in solid Fuel based Equipment
- * 24/7 uninterrupted operation
- * No Clinker Formation, No short shutdown period
- * Suitable to use High ash content Fuel.

Our Clients:

- Laxmi Farshan, Vadodara.
- Khushi Namkeen, Vadodara.
- Dwarkadhis Nameen, Vadodara.