

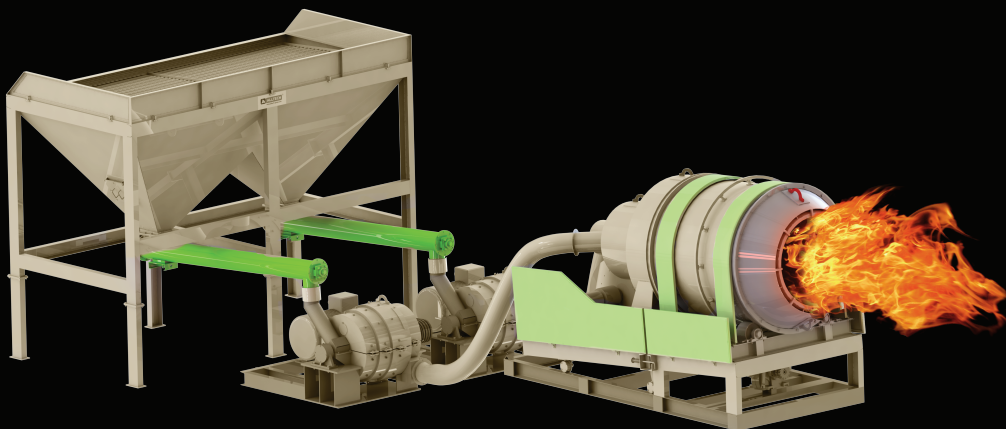
# Coal Fire Burner & Coal Pulverising Plant

“ACFB” Series

Inviterate Solution  
For Fuel Consumption



# Working Of Coal Fire Burner And Coal Pulverising Plant



The Coal of particle size less than 20 mm is pulverized by Coal Pulverizer, then injected into the main burning chamber through a metal hose nozzle, and ignited by the Oil Gun. At the same time, the air Blower blows into the main Burning Chamber through the circulatory rotary wind pathway of the rear Cover. The Wind rotates against the inner wall of chamber, meanwhile the high-temperature airflow is mixed with the Coal Powder to burn strongly, and the high-temperature flame sprays into the drying drum to heat the cold aggregates.

## Variants:

| Model    | Coal Consumption (Kg/Hr.) | Power (K.W) | Asphalt Temp. (Kg/Hr.) | Plant Capacity (TPH) |
|----------|---------------------------|-------------|------------------------|----------------------|
| ACFB 120 | 1440                      | 75          | 130 - 160              | 80 - 120             |
| ACFB 160 | 1950                      | 85          | 130 - 160              | 120 - 160            |
| ACFB 200 | 2860                      | 135         | 130 - 160              | 180 - 240            |





# Advantages of Coal Fire Burner And Coal Pulverising Plant

- 1 Adopting new structure and changing the traditional burner mechanism, exclusively uses rotary combustion chamber to solve the problems of easy slag-bonding and incomplete burning of traditional burners.
- 2 High flame temperature, energy saving and complete burning.
- 3 Adopting the exclusive ingredients of firebrick of high performance prolong service life.
- 4 Continuous production, has no need to clean cinder everyday.
- 5 Lower production cost, only the 1/3 of oil burner.
- 6 Highly automatic, convenient to control aggregate temperature and discharge aggregate through dry mixing drum.
- 7 Port temperature measuring equipment return signal to the frequency changer of coal machine, change the segregate temperature through frequency changer automatically control the volume of coal.
- 8 Igniting is simple and easy, auto and manual ignition are optional Ignition all gun nozzle is designed with special structure, atomization effect, kerosene combustion.

# Committed to Excellence

## Through Rugged, Robust & Reliable Solutions.



Asphalt Batch Mix Plant (80-240 TPH)



Counter Flow Drum Mix Plant (60-120 TPH)



Bitumen Drum Decanter (2-8 TPH)



Emulsion, CRMB, PMB Plants



Microsurfacing Machine



Bitumen Bag Decanter (4-8 TPH)



RDSO Steel Girders (Heavy Engineering)



## ALLTECH INDUSTRIES INDIA PRIVATE LIMITED

Mfg. of Road & Civil Construction Equipment

### Head Office and Factory:

At. Geratpur Patiya, Near Saffrony Resort, Mehsana-Ahmedabad Highway, At.& Po Ditasan, Dist. Mehsana 382710, Gujarat, India.

### North India Operating Office (Delhi) :

Flat No.100, Pink Apt., Sec. 18B, Dwarka, New Delhi-110078, India