

EVEREST NAMWON TURBO BLOWERS FOR ENHANCING KILN FIRING EFFICIENCY IN CEMENT INDUSTRY

Low Pressure Blowers are widely used in various industrial sectors including Sewage/Water Treatment, Plastic, Aquaculture, Textiles, Pharmaceutical, Food & Beverage, etc.

Kiln Firing Process is one of the most critical applications (CTQ - Critical To Quality) in any Cement Industry. Energy Efficient Air Foil Bearing Design Turbo Blowers from Everest Turbo help you optimize this process, thereby resulting in substantial Energy Savings.

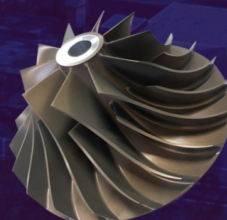
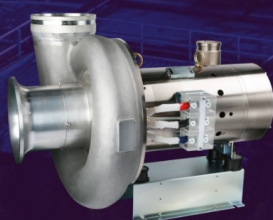
Cement Industries use low pressure air for crucial applications like Firing pulverized coal/pet coke into the kiln to maintain high temperature, Aeration of cement silos, Homogenizing silo aeration, Raw mill silo aeration, Filter dust bin aeration, Mixing bin aeration, Fluidizing air, Combustion air - Feeding oxygen, & Transferring the cement onto freight trains, bulk trucks, bulk containers for end dispatch,

The whole Kiln Process is Highly Energy-Consuming and the improvement of Kiln Efficiency has been the main concern of any cement manufacturing company. The major challenges include: High power consumption in blower operations, High noise, High investment is to be made to reduce the blower noise, Frequent belt failure for blowers & Performance tracking of blowers from central control room.

EVEREST TURBO Air Foil Bearing Centrifugal Turbo Blower when used for Kiln Process are:

- Energy efficient and consume 35 to 40% less Electricity than a traditional blowers
- Have low noise levels
- Gear less direct drive ensuring efficient power transmission
- Micro-Processor based controller for monitoring and controlling
- Permanent Magnetic Motor for up to 95% Efficiency compared to standard induction motor
- No bearing maintenance
- 100% Machine availability as no consumables like oil or other consumables except Air Filter
- Variable Speed Drive a standard for further Energy Savings on Part Load Operation

35-45 % ENERGY SAVINGS OVER CONVENTIONAL BLOWERS



- 100% OIL FREE
- LOW NOISE
- SMALL FOOT PRINT
- ZERO MAINTENANCE
- CALL: +91- 7419990121