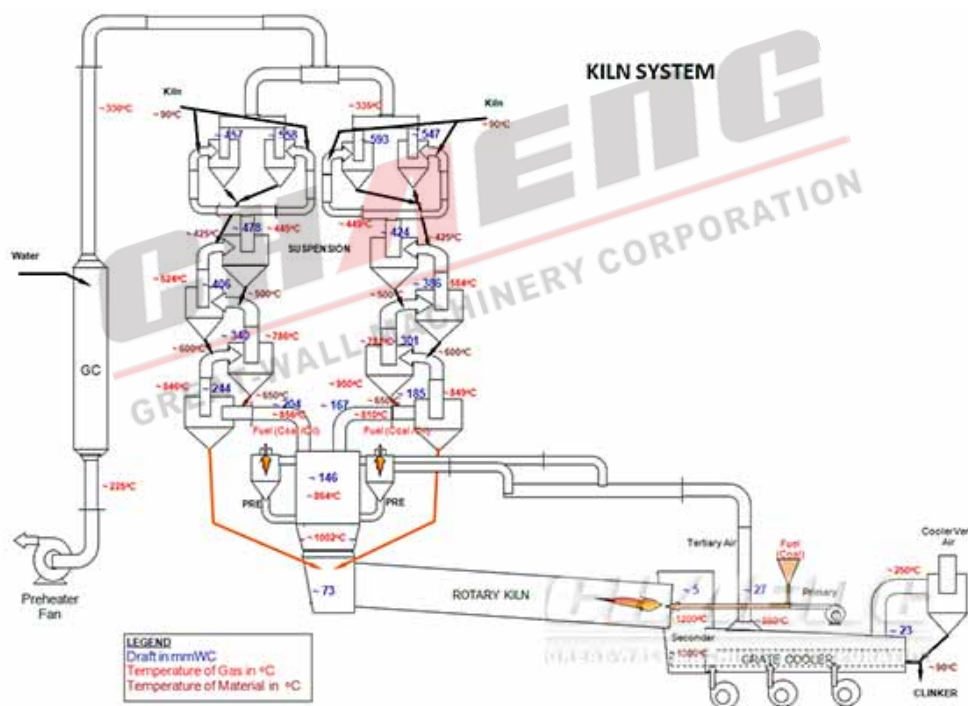


Process Description

Cement rotary kiln, as the main equipment of dry cement clinker production line, is the most efficient cement calcination equipment. CHAENG cement rotary kiln can meet 300-10000 t/d cement production line construction requirements, with simple operation, high production production, smooth operation.

In appearance, the kiln body is inclined to a certain level. The whole kiln body is supported by supporting roller and equipped with thrust roller to prevent it from moving up and down. In addition to the main drive, the transmission system is also provided with an auxiliary driving device which can still rotate the kiln body and prevent the bending of the kiln body when the in the main power supply is off. The material is fed into the upper end of the air cylinder. As the cement kiln rotates, the materials gradually move towards the lower end, and they may go a certain amount of stirring and mixing. Hot gas goes through the rotary kiln, in the same direction with the processed materials, but usually in the opposite direction. The hot gas may be generated in an external furnace, or may be generated by flames inside the kiln. They are repetitively scattered in the air so that they are in full contact with the hot air, the materials are dried gradually)



The kiln head and kiln end adopts advanced sealing technology to ensure the reliability of the seal.

CHAENG new dry cement rotary kiln is currently the most reasonable investment in a rotary kiln equipment. Compared with the traditional wet rotary kiln, it is the best for cost saving and pollution reduction in cement production industry in the world.

Specifications

Model (m)	Volume (m³)	Output (t/d)	Temperature (°C)

φ2.5*40	142	150	1350/1250
φ2.8*42	190	200	1350/1250
φ3*46	235	250	1350/1250
φ3.2*50	292	300	1350/1250
φ3.5*54	390	350	1350
φ3.6*56	430	400	1350
φ3.8*58	505	500	1350
φ4*60 φ4.2*50	575/548	600	1350
φ4.3*58	670	750	1350
φ4.3*64	738	800	1350
φ4.8*68	1005	1000	1350

Features

1.Cement rotary kiln can be used in 300-10000 t/d cement plant

CHAENG cement rotary kiln has $\phi 3.2 \times 48\text{m}$ to $\phi 4.8 \times 74\text{m}$ and other specifications, cement rotary kiln can meet the customer's different production configuration.

2.Advanced technology, easy maintenance

Through the technology innovation, rotary kiln calcination system uses the world's most advanced hydraulic wheel device to solve the problems that traditional rotary kiln equipment temperature is not easy to control, product quality is not stable, as well as the problems of environmental pollution and low heat problems. It has good finished product quality, and high yield.

3.Environmental protection, applied in different industries

4.CHAENG provides a full set of cement equipment parts, CHAENG also provides a variety of cement rotary kiln spare parts.

Projects

1. Henan Meng electric cement factory purchased CHAENG 5000 t/d cement rotary kiln, with smooth operation, and large yield;



2. Uzbekistan customers purchased cement rotary kiln in the 1000 t/d cement production line



3. South African customers purchased supporting roller of rotary kiln



About CHAENG

Founded in 1958 and located in Xinxiang, Henan province, CHAENG with 60-year experience in equipment manufacturing covers an area of 330,000 m² and its annual production value is 1 billion yuan. The company specializes in manufacturing tube mills, rotary kilns, vertical mills and large steel casting and can undertake the EPC projects of cement production lines, active lime production lines, blast furnace slag/ steel slag/ nickel slag grinding plants, and its products are sold to more than 50 countries and regions in Southeast Asia, Central Asia, South Asia, North America, South America and Europe.

Our long-term strategic partners: Arcelor Mittal, Tata Group, Pohang Iron and Steel Company, Germany CCE, Japan Chiba , Shanghai Baosteel , Voestalpine and ASGT.