

Lignite dryer

Brief Introduction of Lignite dryer:

Zhengzhou YUFENG is the first study to dry brown coal drying professional equipment manufacturers, lignite is an important energy and chemical raw materials, but because of high moisture lignite (20% -40%), low calorific value (2700 kcal or so), spontaneous combustion etc. characteristics, resulting in lower selling prices, sales radius is limited, so more and more development and utilization of lignite domestic and foreign governments and research institutions attention. YUFENG company product of lignite dryer ,is also used for drying coal slurry,, on the condition of ensuring the lignite quality fixed , adopt low-temperature and four grades drying process, to evaporatethe moisture of lignite lower than 13%.The first drying area in the high humidity status ,remove most of moisture through 400 °C, to make sure the chemical composition of the lignite no change and no easy to burn;The temperature of the second area is 300°C, to remove the moisture by middle temperature induing air, to ensure lignite no coking; The temperature of the third area is 120°C-210°C, ,use the crushing device in the rotary body,repeatedly crushing, scatterthe material. down-flowdrying;The forth drying area is high exhausting area,tmperature is 60°C-80°C,remove moisture by low temperature and hot air which produced through the inducing air system .Applications include: lignite and quality and dry, municipal sludge, paper sludge, leather sludge, printing and dyeing sludge, chemical materials and pharmaceutical liquid fermentation residue, food fermentation, sugar residue, rosacea, chemical organic waste and so on.

Special characteristics of lignite dryer:

- (1), environmental protection and energy and reducing loss of lignite. Improve the calorific value of brown coal, desulfurization, reduce volatile.
- (2), investment, small footprint, supporting civil works less.
- (3), reliable, simple operation, convenient maintenance, safe and durable.
- (4), dry and moisture control, the minimum up to 5% or less, meet the material widely.
- (5), even temperature drying process to ensure the quality of lignite change.
- (6), continuous work, large capacity.

Lignite dryer Technical Specification

Model (m)	Processing Capacity (t/h)	input moisture (%)	fuel coal heating value	output moisture (%)
YFHM- 100	Contact YUFENGLignite dryer	20-45	≥5500	≤15
YFHM- 150	Contact YUFENGLignite dryer	20-45	≥5500	≤15

YFHM- 200	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15
YFHM- 300	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15
YFHM- 400	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15
YFHM- 500	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15
YFHM- 600	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15
YFHM- 800	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15
YFHM- 1000	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15
YFHM- 1200	Contact YUFENG lignite dryer	20-45	≥ 5500	≤ 15