



IKN Kiln Drive

Kiln drive provides even rotation of the kiln through the girth gear, which is fixed to the kiln shell by tangential springs, compensating different thermal expansions of the shell. IKN kiln drives are available as single or double pinion - the number of pinions depends on the size and capacity of the kiln.

- + Variable speed range 1:10
- + Available as single or double drive
- + Easy maintenance on all parts including girth gear

IKN technology in brief

IKN kiln drive consists of a main drive for normal operation and an auxiliary drive for any maintenance work on the kiln. Elastic coupling, main gear box and brake are all mounted on a single base frame and are located between the main drive and the pinion. The auxiliary drive is equipped with a second shaft for an optional diesel engine. The kiln drive is equipped with a high-pressure spray lubrication, where spray interval and barrel filling are permanently controlled. Radiation sheets protect the entire drive from high temperatures coming from the kiln.



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