



KILN CAR CLEANING & CENTRING MACHINES



- Fully automated PLC controls
- Thorough cleaning through powerful fan and automatic deck height tracking system
- Minimal wear through heavy duty ductwork
- The lowest possible emission level due to high efficient filtering systems
- Proper noise insulation at fan exhaust
- Appropriate safety fencing, light barriers and guards to ensure safe operation

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Kiln cars need to be properly cleaned - every cycle - to prevent sand, debris and dust from penetrating into the joints of the kiln cars deck, otherwise the complete kiln car fleet may have to be overhauled within a couple of years. A fault free passage through the kiln will be jeopardized once the cars start to 'grow'.



Furthermore the refractories should remain precisely centred on the kiln car deck to enable fault free automatic setting and de-hacking, as well as for stable product transport on the moving cars.

By acquiring the activities and intellectual property of GSP in Holland, De Boer Machines Nederland BV has become the world leading supplier of Kiln Car Cleaning Machines for the Brick & Tile industry.

De Boer and GSP Kiln Car Cleaning Machines are a common appearance in many brickworks all over the world, both in independent factories and in large brick and tile making groups.





After every firing- and unloading cycle, these kiln car cleaners vacuum the upper deck of the hollow blocks, subsequently lift these blocks and clean the deck underneath as well to prevent the ingress of sand, dust and debris into the core of the kiln cars.

Meanwhile, the hollow blocks are re-aligned, to ensure a perfect setting deck and a trouble free kiln passage.



De Boer's Kiln Car Cleaning & Centring Machines range from relatively simple machines, just cleaning the top of the refractories and firing lanes, to machines that raise and re-align all refractories from the kiln car deck, whilst cleaning the bare kiln car deck underneath.

Even refractories at kiln cars with two layers of refractory furniture, such as under deck fired kiln cars, are thoroughly cleaned, raised and re-aligned, all within the limited time span available between de-hacking and setting.

The systems are all made to measure and may also include items like:

- Kiln car haulage, or indexing of the kiln cars through the machine
- Heavy duty pushers on the sides, to re-align the bare car deck slabs
- Cleaning of the kiln car seals at the sides and/or leading or trailing ends





De Boer Machines Nederland B.V. is a modern engineering works in The Netherlands. Recently, at its 75th anniversary the company moved to a newly built, well equipped facility.

With subsidiaries in Denmark and India and representations in other countries, De Boer's vast engineering knowledge in the brick & tile industry is shared worldwide.

De Boer can boast experience in the production of equipment for handling dry, moist and wet materials like dust extraction, waste handling, clay-, sand- & additives processing and material handling.

As a long term dependable supplier in the brick industry for brick moulding machines and auxiliary equipment, De Boer offers a wide range of handling machinery with out-of-the-box solutions.

Excellent in-house engineering, automation and production skills, enables a refreshing look at existing techniques.



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