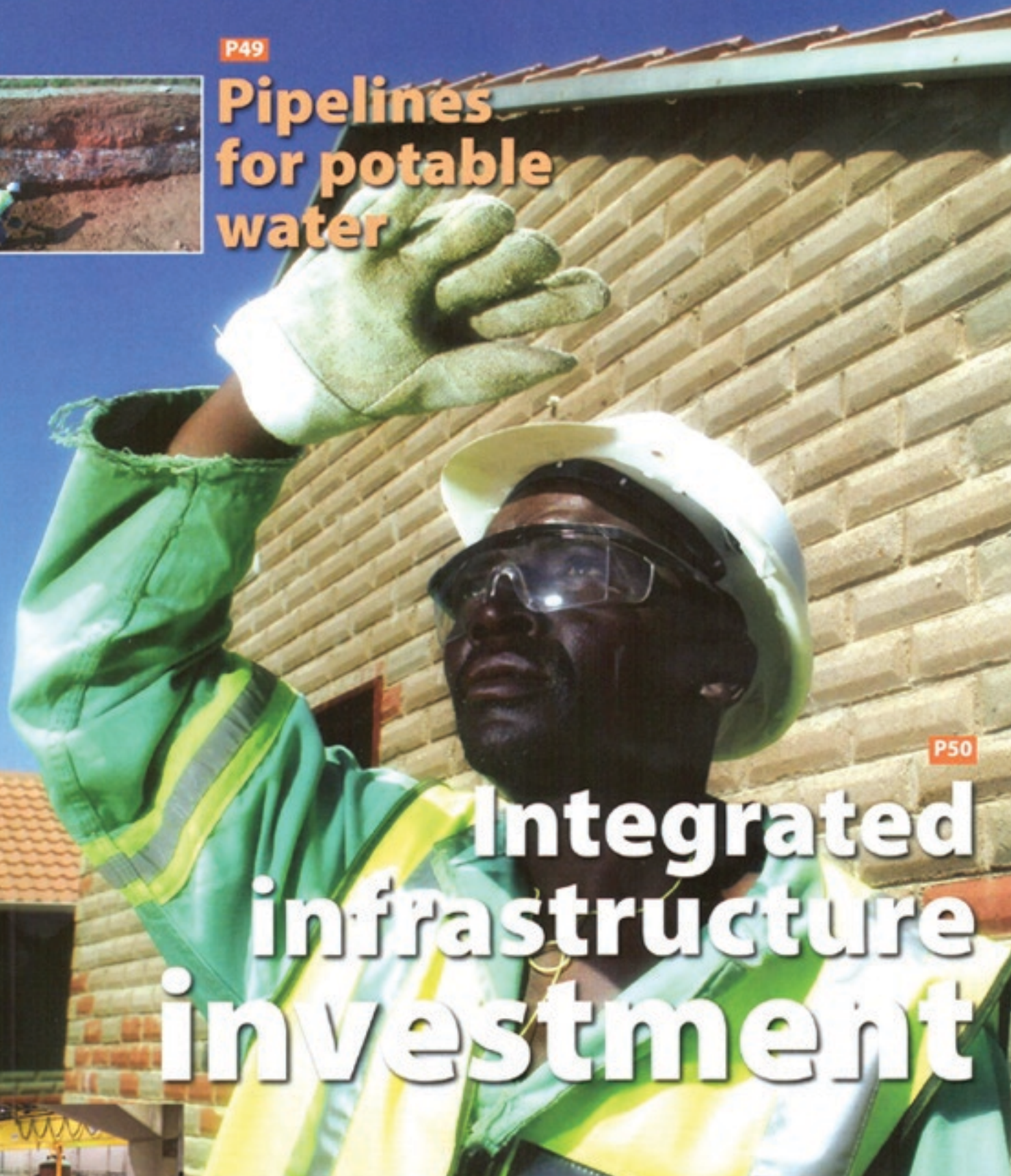


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Standard name, many applications



The French firm has developed four world-class products for commercial markets

Standard Industrie International designs equipment that facilitate the storage, flow, conveying and cleaning of powder and bulk products.

The French company meets the needs of the bulk industry with four ranges of products and services:

AIRCHOC: Declogging of silos and hoppers with its flagship product AIRCHOC air cannon whose patent has been filed for more than 30 years. The principle of the air cannon AIRCHOC consists of using a compressed air capacity whose importance varies between one to 400 litres depending on the type of AIRCHOC. This capacity is released instantly through a large outlet that is directly connected to the storage unit. The obtained effect corresponds to a deflagration due to the brutal release of compressed air. The company then developed the MACSYS, an air cannon with several heads. Committed to innovation, these air cannons are now available in a wireless version. Thus, with a control panel and a remote control, 128

AIRCHOC can be controlled remotely, guaranteeing a total safety.

Liftube: An efficient solution to optimise the sealing and safety on conveyors. It is available in different versions: standard, large width and high temperature, and with a wide range of options and accessories, this innovative system ensures a reduction of dust emissions, loss of material, maintenance time and ensure the safety of the operators. In Nigeria, the largest cement producer in the world was facing a problem of loss of material and undergoing too important maintenance time on its new plant. Thus, the two main conveyors feeding the mill in clinker, gypsum, limestone and pozzolana have been equipped with 26 metres of Liftube.

Vaccum Units: Standard Industrie International is also known for its large range of industrial vacuum units like mobile units or trucks, from 5 to 300HP, electric or diesel. No matter the need, the manufacturer meets the requirements of

every sector of activity.

In Nigeria, two cement producers, one of them who already uses the Liftube, contacted Standard Industrie International for vaccums.

Both had the same requirements: first of all to clean the packing area and the cement silos, and then to tackle the whole plant. Given the large volume to be removed, a vacuum truck proved to be the ideal solution. Therefore, a truck CAM6000MR with a blow back option has been put into service at the world first cement producer to enable the recycling of the product before reinjecting it onto the process.

The local producer meanwhile, chose a truck CAM6000M. In this case, it has been delivered without the blowback option as the customer did not need to recycle the material in silos.

The arguments used in these cases were the technical aspect oriented on the large tank capacity, the performance of the unit, as well as its ease of use and of maintenance.

GIRONET: The company also provides cleaning services and declogging of silos and hoppers with the GIRONET. This mechanised cleaning, efficient on any type of clogging, product or storage unit, is done without human intervention and can be used without stopping the production. Thus, the client can quickly recover its full storage capacity while ensuring optimal safety of its operators.

Standard Industrie International is renowned in five continents and has emerged as a world leader in its field. More than 20 years, the company specialized in bulk handling solutions has been working on the African market with different type of industries such as cement plants, mines, quarries, etc. ■



AIRCHOC air cannon has been patented for more than 30 years