Being Thailand’s second-largest cement producer and a key exporter to neighbouring countries, SCCC needed to add packing capacity and improve its bag dispatch system to shorten loading times at its Saraburi works.

To address these issues, SCCC decided to replace its existing six-spout rotary packers with state-of-the-art 12-spout GIROMAT® EVO V12 units from FLSmidth Ventomatic. In addition, the bagging specialists also installed POLIMAT® C40 palletisers with slip sheets to increase packing plant output, reduce bag dispatch times and lower delivery costs. In total, four palletising lines were installed.

**Efficient dispatch**

One of the major issues with SCCC’s existing equipment was that it was only possible to bag cement when trucks were present. So there would be times, such as public holidays and monsoon season, when the packing lines lay idle due to the reduced availability of trucks. The company also experienced issues at peak times when demand exceeded packing capacity.

A palletiser therefore presented an ideal solution to both problems as a packing line is able to work constantly and achieve efficiencies of close to 100 per cent. Palletised bag stacks are stored in the warehouse and, when required, loaded onto trucks by forklift. This results in fast, efficient dispatch. Several trucks can be loaded simultaneously and different types of products can be loaded onto the same truck. The use of slip sheets means stacks can be loaded onto a truck’s own pallet, thereby simplifying logistics and avoiding empty pallet costs.

Other benefits include:
- lower production costs due to reduced labour requirements, production time and power consumption
- safer working conditions as it eliminates...
the physical demands of handling cement bags
• cleaner working environment
• improved logistics as the packing of different cement types can easily be planned and bags stored.

Following successful commissioning during 1Q14, the new packing and palletising lines have been in operation for almost a year, leading to reduced loading waiting times of 50-60 minutes.

Flexible packing solutions
Especially when integrating new technologies and products in an existing packing plant, there is no ‘one size fits all’ solution. Adaptation and flexibility are key project requirements, leading to the need for a reliable partner who is able to combine state-of-the-art technology, reliability and process know-how. Recognising these needs, FLSmidth Ventomatic adapts its solutions to match customer requirements, as demonstrated by the success of the Siam City Cement packaging project.