

## SIEMPELKAMP TO BUILD ONE OF THE WORLD'S MOST MODERN PARTICLEBOARD PLANT FOR AKIJ GROUP

**Krefeld** machine builder Siempelkamp will supply the Akij Group in Bangladesh, all components ranging from the chipper infeed to the fully automatic sanding and cut-to-size lines for its new particleboard plant.

Beginning 2015, the new Siempelkamp particleboard line will increase the Group's daily production capacity to 1000m<sup>3</sup> of particleboard. Siempelkamp will provide support throughout the entire project from engineering to equipment startup to particleboard production.

All equipment will be manufactured within Europe. Siempelkamp's solutions will ensure reduced raw material

use and maximum energy efficiency. For instance, the Generation 8 ContiRoll® press, the Ecoresinator blending system for the particleboard core layer, and the optimised control of pneumatic conveyors.

Subsidiaries and affiliated companies will also be part of this project: Sicoplan in Belgium will be responsible for plant engineering; Pallmann in Zweibrücken, Germany, will provide equipment for the front-end of the line; the finishing line components will be manufactured by Siempelkamp in Krefeld; the dryer will be supplied by Büttner, while the screening and sifting technology will be provided by CMC Texpan in Italy.

The heart of the plant – an 8'

x 23.8 m Generation 8 ContiRoll® press – will provide optimal pressure distribution achieved to date. The continuous press will also be equipped to produce extra light particleboard.

Equipped with a special nozzle technology, the Ecoresinator for particles will allow the plant operator to save up to 10% in resin. The homogenous resin distribution will also consume significantly less energy for the subsequent mixing process of the particles.

The Akij Group has been operating a particleboard production plant since 2001. The Group is the largest industrial conglomerate in the country with a total of 21 different industrial sectors.

Laying of the foundation stone at Akij. From left to right: Nasir Uddin, Chairman; Bashir Uddin, Managing Director; Mr. Moniruzzaman, Head of Particle Board Division

