

# Well-matured equipment

In 2009, BMA again relocated extraction towers/plants for several customers. This is once more proof of the durability and reliability of BMA equipment.

At the Ouled Ayad sugar factory in Morocco, an extraction tower, which had been disassembled back in autumn 2008 at the closed-down Allscott sugar factory in the UK, has been re-assembled. In this project, BMA performed the complete disassembly and packaging in England, transportation to Morocco and the supervision of the re-assembly on site. In addition, BMA supplied various other equipment items for this project, among them a new countercurrent cossette mixer, whose assembly BMA also monitored. The complete extraction plant was successfully commissioned for the campaign in spring 2009.

Another complete extraction plant was disassembled at the Guignicourt sugar factory in France. In this case, too, BMA organised and implemented the entire project, i.e. disassembly, transportation and storage. The transportation of the one-piece countercurrent cossette mixer with a weight of about 100 tons, a length of 11 m and a diameter of 6.5 m, represented a particular challenge. For the time being, the extraction plant has been stored at its new site awaiting re-assembly.

At the closed-down Südzucker sugar factory at Groß Gerau, BMA also disassembled an extraction tower. Since the factory had already been pulled down for the most part, the electric power network of the factory was no longer available, and the power supply had to be organised. Due to the ongoing demolition of the factory, disassembly had to be performed within a very short time. Thanks to accurate scheduling by BMA, the challenging time schedule could always be kept.

At the end of last year, BMA also received the order to relocate an extraction tower from the sugar factory at Aarberg, Switzerland, to Turkey.



*Extraction tower prior to disassembly*



*Disassembled tower  
prior to re-assembly*

In this project, BMA is responsible for the complete disassembly, packaging, transportation and supervision of re-assembly in Turkey. To complete the plant, the customer also ordered a new counter-current cossette mixer from BMA.

Another large-scale order has been implemented with the sugar factory at Jülich: after 15 years of operation, the mild-steel-made spindles of the two HP 4000 pulp presses were no longer reliable and thus had to be replaced by stainless steel spindles. This was taken as an opportunity to adapt the dimensional characteristics to the common spindle contour. Both presses returned to operation successfully for the 2009/2010 campaign.

*Hartmut Stolte*



*Loading of a  
tubular shaft*

#### **Benefits**

- Complete one-stop project
- Minimised number of interfaces
- Implementation according to original drawings
- Status assessment by specialists
- Operational reliability thanks to BMA know-how