

Successful integration of a second-hand extraction tower



After a very short manufacturing and assembly period, SUTA/Morocco commissioned an extraction plant with a beet processing rate of 6,000 t/d without problems in April 2009. SUTA intended to install a complete tower extraction plant as quickly as possible and at relatively low investment cost, in order to optimise and extend the sugar factory at Ouled Ayad. In the end, SUTA purchased a second-hand BMA extraction tower of very good quality and condition, made of high-quality stainless steel, from the Allscott sugar factory, UK.

BMA received an order for the disassembly, transport and monitoring / coordination of the re-assembly of the tower, as well as for the supply of a countercurrent cossette mixer, a defoamer, the cossette/juice pumps, and for engineering services. After order placement there were only 8 months left until commissioning was due during

*Extraction tower during
assembly*





the campaign. In this situation it was very helpful that a large part of the supplies and services came from one supplier, since interfaces could be reduced as far as possible and unnecessary delays avoided.

Despite the very strict safety regulations in Great Britain and the extremely tight time schedule, the disassembly could be completed on time, which was the precondition for a timely shipment and start of re-assembly in Morocco. The countercurrent cossette mixer, the defoamer and the pumps were manufactured at BMA with highest priority. The equipment could thus be supplied on schedule for assembly in Morocco.

Thanks to the very good collaboration and coordination between SUTA and BMA on site, minor problems that occurred during the individual project phases could be resolved without difficulties, so commissioning was completed on schedule and the extraction tower could quickly meet the technological expectations.

*Martin Beller
Irma Geyer*



Benefits

- Supplies and services from a single supplier
- Reduced number of interfaces
- Competence in extraction technology
- Efficient project execution

