

Centre piece for new refinery in Indonesia

Near the port of Jakarta, the Indonesian sugar producer PT. Sentra Usahatama Jaya is building a new sugar refinery, which will operate under the name of PT. Andalan Furnindo.

For this project, BMA was commissioned to deliver key components for six batch vacuum pans and two sugar drying and cooling lines. All vacuum pans and also the dryers will be complemented with locally manufactured elements. In addition, BMA received an order for eight batch and six continuous centrifugals, which were completely manufactured in Germany.

The two drying lines, one of which will be used for R1 and the other one for R2/R3 product, were delivered with the corresponding automation systems. Both drying lines serve as a good example to demonstrate how even a largely standardised concept can be perfectly adapted to local conditions, while at the same time achieving cost savings for the customer.

During the tender phase it already became clear that the planned building grid pattern would make it difficult to install standard-size drying drums. To overcome this problem, the size of the drums was reduced by one size, while increasing their length beyond the standard length. This allowed the available space to be fully utilised, without any compromises in drying performance.

In the course of the project it also turned out that, because of the largely constant environmental conditions, the control circuits for the drying process could be simplified at a number of points. This helped reduce the instrumentation and automation requirements for both plants, and in turn led to further costs savings for this item.

For part of the equipment that is necessary for the drying process, BMA also provided the engineering and specifications. On this basis the customer can easily order plant components such as conveying elements, heat exchangers and fans from local suppliers.

Nicole Tauchmann



... on the construction site



Batch pans

during installation