

# Orders for Nigeria

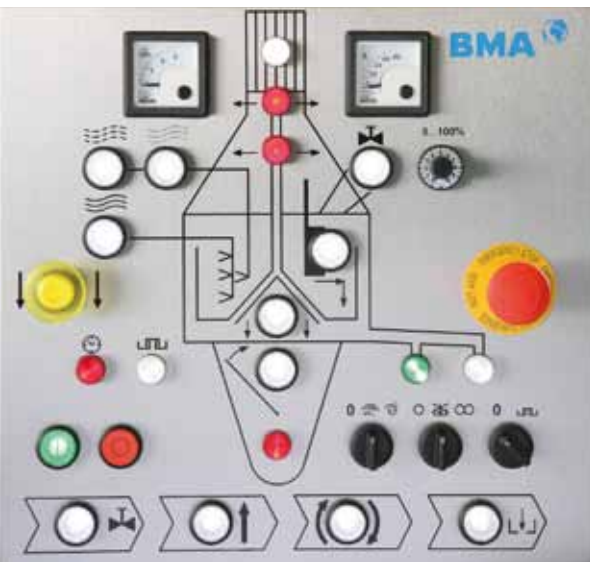
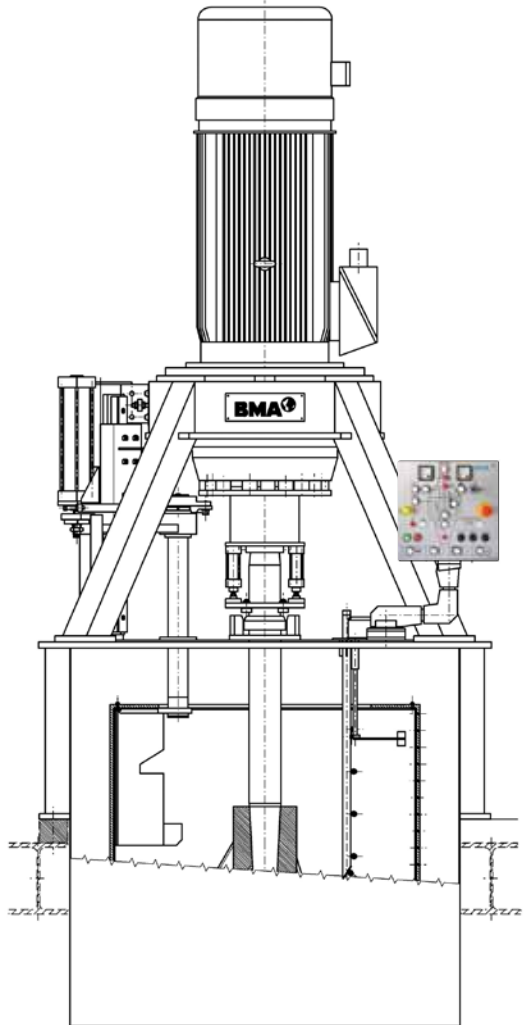
## Centrifugals for a new sugar refinery

In September 2010, BMA was again awarded a contract for centrifugals for a sugar refinery. For its new "Golden Sugar Refinery" in Lagos, STAR TRADING Comp., Inc. ordered 10 batch-type and four continuous centrifugals including 10 related discharge flaps and five distribution mixers.

Given that sugar refineries are operated throughout the year, the highest priority is on reliability and effectiveness in the choice of machines. This is why BMA, with its numerous successfully implemented refinery projects as references won this contract. The quality of BMA centrifugals convinced the customer, as did the necessary technical information about the layout planning, and the good technological connection and integration of the control unit into the overall process.

The 10 centrifugals of the B1750-R type will be used for spinning refined sugar (R1 to R4). Thanks to the high purity of the refinery massecuite and the resulting easy separation of the sugar crystals from the syrup, a very high performance of the centrifugals can be achieved. These centrifugals have been equipped with BMA-S7-HD control units in order to meet the requirements set by STAR TRADING in terms of operational safety under adverse ambient conditions.

At the customer's request, BMA will supply K2300 centrifugals for the recovery stations for A, B, and C product. The mixing/melting unit provided with all four centrifugals allows an integrated mixing and melting of the sugar in the centrifugals, thus saving additional melting tanks with stirrers, pumps and piping.



BMA-S7-HD  
control unit



*Massecuite  
pump*

### ***Centrifugals and massecuite pumps for Dangote***

A BMA customer for many years, Dangote has ordered further BMA equipment for the extension and renewal of the Savannah Sugar Company. Shortly after receipt of the order for a batch-type B1300-L centrifugal for white sugar and a continuous K2300 centrifugal for C product, five massecuite pumps were ordered as well.

These F800G massecuite pumps for B and C massecuite have a delivery rate of 12 – 60 m<sup>3</sup>/h with a counterpressure of 10 bar and an adjustable speed of 7.5 – 38.0 rpm. They are driven by a 75 kW tropic-proof motor.

BMA massecuite pumps are ideally suited for conveying highly viscous massecuites and have proved effective many times around the globe. With a maximum speed of 40 rpm, discharge pressures of 10 bar can be achieved. Due to this low speed, minimal wear occurs at the pumps.

*Bernhard Schmidt*

#### **Benefits**

- High operational safety
- High delivery rate at low speed
- Leakproof mechanical seal
- Easy-to-maintain design
- Low pressure loss thanks to large-size suction and delivery nozzles