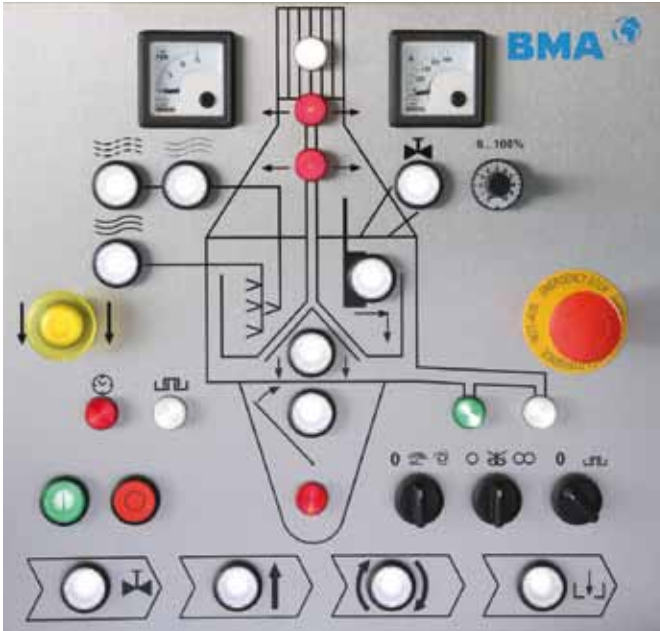


Centrifugals for refineries – Silkroad Sugar, India



*BMA-S7-HD
control unit*

The availability and effectiveness of the machinery and equipment used have the highest priority in the sugar industry. This applies above all to sugar refineries, where the machinery and equipment are not operated in campaigns with several months of duration, but up to 350 days a year.

Silkroad Sugar Private Limited, a joint venture of E.I.D. Parry and Cargill, awarded a contract to BMA for the supply of 7 batch-type and 4 continuous centrifugals for their refinery project in Kakinada, Andhra Pradesh, India.

The centrifugal B1750-R was selected for spinning (R1 to R4) since even the standard version of this centrifugal meets the high requirements of refinery operation. It is possible to reduce the spinning time of refinery centrifugals thanks to the high purities of the refinery massecuite and the resulting easy separation of the crystals from the syrup. This enables performance of more than 28 batches per hour (depending on the drive).

In addition to the mechanical equipment for the centrifugal, BMA will supply the BMA-S7-HD control unit, which has been developed especially for severe ambient conditions based on the Siemens S7-300 control unit.

For the recovery area of the refinery, BMA will supply K2300 centrifugals, i.e. one for 'A' product, two for 'B' product and one for 'C' product, in order to achieve the necessary product throughput including one standby centrifugal. The use of a mixing and melting unit allows mixing/melting of the sugar inside the centrifugal to save space and easy conveyance through the pipelines. The standard versions of these centrifugals are also able to meet the high requirements of refinery operation.

Hans-Heinrich Westendarp

Benefits

- Design with optimised number of centrifugals
- Manifold centrifugal executions
- High availability, reliability and performance
- Sophisticated serial technology also for use in refineries