

Indian Cane Power Limited

modernises cane sugar factory



*Start of K3300 commissioning for C product -
with S.S. Mallikarjun (M. D.) on the left, next to
Dr R. Mayer, BMA (in the middle)*



*B1750 R with up to 25 batches
per hour*

In June 2011, Indian Cane Power Limited in Uttur, India, ordered one B1750 R batch-type and two K3300 continuous centrifugals from BMA for modernisation and extension of their cane sugar factory from 6,000 tcd to 8,000 tcd. In July of the same year, the customer placed another order with BMA for a vertical OVC cooling crystalliser, which, at a diameter of 5.2 m and a total height of 33.5 m, is the largest crystalliser in BMA's supply line. It has a throughput of 42 t/h and a net volume of 584 m³ (876 t). Its 19 cooling blocks provide a cooling area of 1,102 m². The cooling crystalliser will be put into service for the beginning of the 2012 campaign.

The B1750 R batch centrifugal will be operated next to the existing, locally manufactured machines for white sugar massecuite. The customer is also planning to replace the existing centrifugals with additional BMA machines, because the locally manufactured machines are less efficient and consume a large amount of water. The existing, local distribution mixers, which consisted of open U-shaped troughs, have already been replaced with closed mixers with a circular cross section as part of the centrifugal station conversions. This is the only way that the static pressure of the massecuite receivers above the distribution mixers can be used for better and quicker centrifugal charging.

The two K3300 continuous centrifugals will be used for B and C product and will also be installed next to the existing, locally manufactured machines. Since the K3300 for C product with the new Turbo3 product distributor is an extremely powerful machine, it is highly likely that the old centrifugals that are still installed in the factory will become obsolete in future.

Bernhard Schmidt