

Commissioning of the pulp press HP 3000 M

Benefits

- High throughput
- High dry-substance content of > 32 %
- Highly reliable operation
- Minimum maintenance and service cost

For the 2003 campaign, BMA installed a vertical pulp press HP 3000 M in the sugar factory of Nitten Memuro, Japan, which was commissioned in October 2003 without problems. First capacity evaluations and the operational data from the last campaign confirmed the theoretical design data. With only a slight addition of pressing aids, an average of approximately 20 t/h of pressed pulp with a dry-substance content of about 30 % could be reached during the campaign. In view of a press drive load of only 70 % and an optimized dosing of pressing aids, there are considerable capacity reserves.

The fully developed technical equipment of the HP 4000 press was adopted for this smaller press. The screen diameter is 3,000 mm and the spindle has a length of 11,900 mm. The drive components were also taken from the 4000 series. There are 8 motors installed with 55 kW each which transmit a sufficiently high torque to the spindle via planetary gearboxes, pinion shafts and bull gear.

The solid design, proven technical equipment and high-quality materials of construction guarantee a safe operation, while reducing the maintenance and service cost to a minimum.

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*BMA extraction tower
and the new pulp press
HP 3000 M*