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BMA sugar cane diffusion plants are now available with up to 12 m width for cane processing rates (subject to fibre content) of 9,000 to 12,000 t/d.

Since its introduction in 1963, the high efficiency of this solid/liquid extraction process has proven to be a great success:

- High extraction figures topping 98% and averaging higher than 97.5% (reduced extraction)
- Low primary energy requirements
- Optimum reliability
- Flexible adaptation to cane quality and operating conditions
- Reduced number of operators
- No costly annual inspection and maintenance
- Simple manufacture and erection, along with a high percentage of work which can be carried out by the customer
- Stationary stainless-steel screen bottom
- Excellent price/performance ratio.

Concept optimized during many years of practical experience:

- Simplified block chain reinforced for a longer service life
- Integrated juice tank
- Flexible driving system, suited also for use on existing mills
- Efficient cane feed for a uniform bagasse layer across the whole diffuser width.

Incorporation into a process control system for centralized monitoring and control is quite possible.

*Design of
sugar cane
diffusion
plant*

