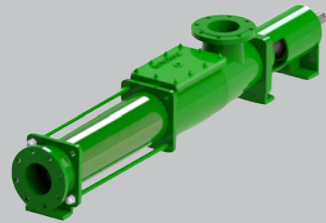


Technical Data

SN Range-Standard Progressive Cavity Pumps

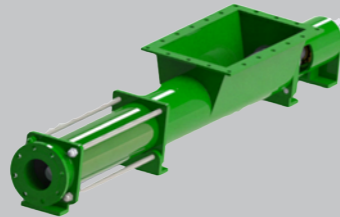


Capacities up to 200 M³/hr.(880 GPM)

Pressures up to 48 Bar (680 psi)

Viscosities up to 40,000 cst

WA Range-Wide Throat Progressive Cavity Pumps



Capacities up to 200 M³/hr. (880 GPM)

Pressures up to 36 Bar (510 psi)

Viscosities up to 3,00,000 cst

MP/LA Range-Metering & Dosing Pumps



Capacities up to 520 LPH (2.2 GPM)

Pressures up to 24 Bar (340 psi)

Viscosities up to 40,000 cst

Note:

- * Pumps can be installed vertically when installation space is limited.
- * Dimensional drawings for the pumps can be made available of request.

ROTOMAC™

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:http://www.rotomac.org



Your nearest contact :

ROTOMAC™

PROGRESSIVE CAVITY PUMPS



ROTOMAC Pumps in the Sugar Industry

THE MOST EFFICIENT CHOICE

ROTOMAC has over four decades of experience in delivering optimised fluid engineering solutions to a varied spectrum of industries. Our range of Progressive Cavity Pumps can handle a variety of fluids. Be it Viscous, Corrosive, Solid laden, Abrasive or Clean Media our pumps will perform seamlessly.

Value Added Benefits of ROTOMAC Progressive Cavity Pumps

Cost Efficient

Robust design ensures a long life cycle for the pumps, thus reducing Capital Investment and Lifecycle Costs, also High volumetric, electrical and mechanical efficiencies promise power consumption savings as well.

Flexible Drive Arrangements

Bare shaft design facilitates flexibility in drive arrangements. Pump can be coupled to primemover through V-Belts or Flexible Couplings.

Low Maintenance

Cost of replacement spares is reduced substantially due to the exceptional life of the parts, achieved by precision manufacturing, minimising the wear rate of consumables.

The Pumps do not demand frequent Maintenance checks thereby minimising the downtime costs as well.

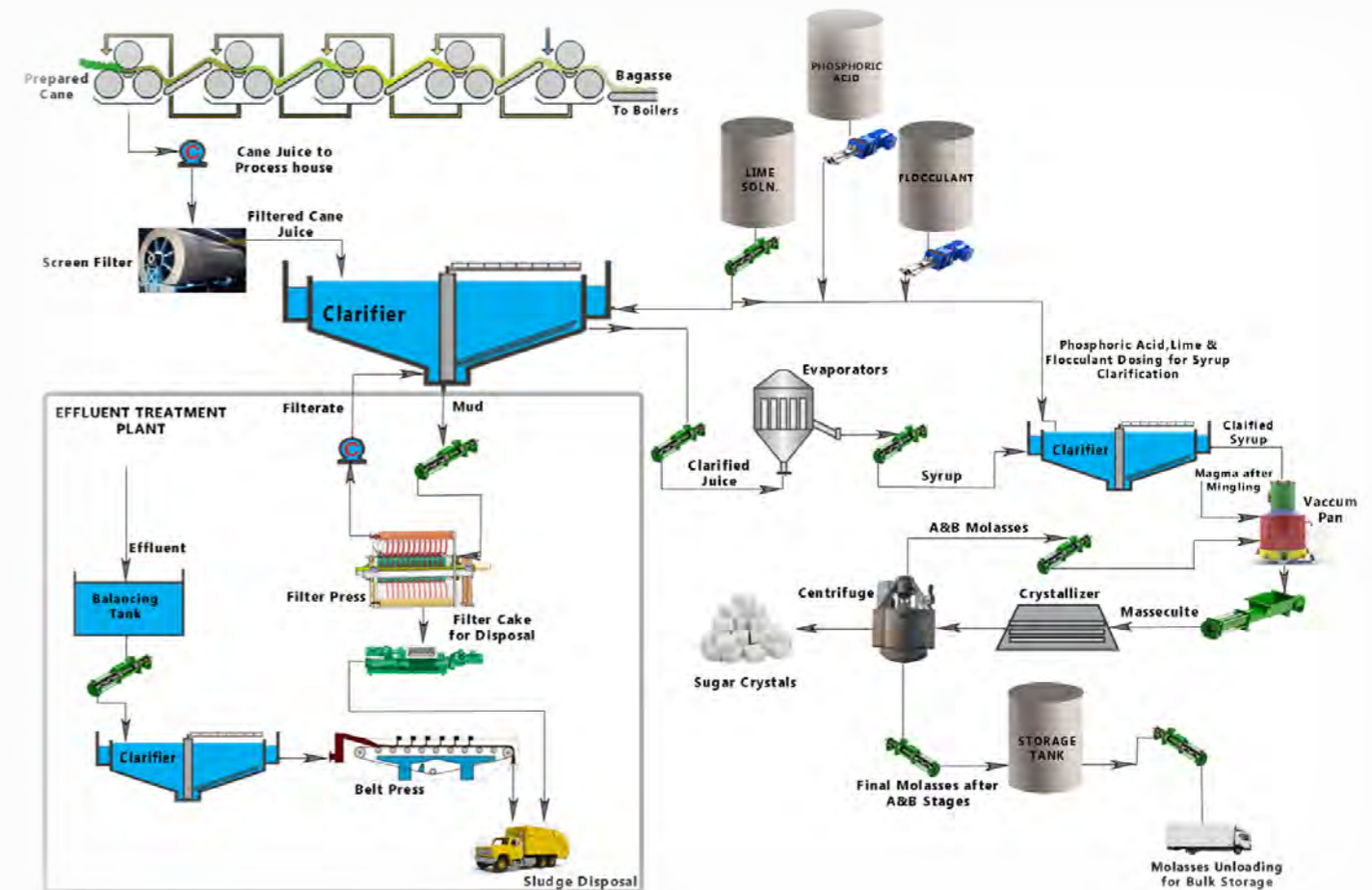
FEATURES

- Low shear rate : less damage to shear sensitive products
- Non-pulsating flow resulting in product consistency and uniformly metered delivery
- Flow rate is proportional to the pump speed ensuring constant and reliable output
- Capability to handle high viscosities and high solid content
- Low NPSH (r) allows the pump to handle high suction lifts also work in high vacuum conditions
- Flow independent of head

Benefits of New 'SN' Series over our Old 'SM' Series

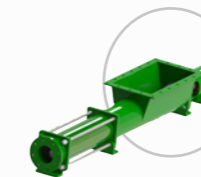
- Intelligent Suction Housing design allows flexibility in position, can be rotated in 90° intervals
- Smarter shaft sealing design can accommodate Gland Packing & Mechanical Seals unlike the 'SM' Range which was restricted to Gland Packing only
- Inspection Cover is provided for inspecting the pump & ease of maintenance
- Sturdy Joint design for better life

'ROTOMAC' Progressive Cavity Pumps in a Typical Sugar Plant



'SN' Standard Progressive Cavity Pump

- Fluids Handled
- Molasses (A,B & Final)
 - Syrup
 - Melt
 - 'Mud' Slurry
 - Sludge
 - Lime Slurry



'WA' Hopper Type Progressive Cavity Pump

- Fluids Handled
- Masseculite
 - Magma
 - Filter Press Cake Slurry*

*Additional Bridge Breaker assembly to be used for this application



'MP'/'LA' Metering Pump

- Fluids Handled
- Phosphoric Acid
 - Flocculant