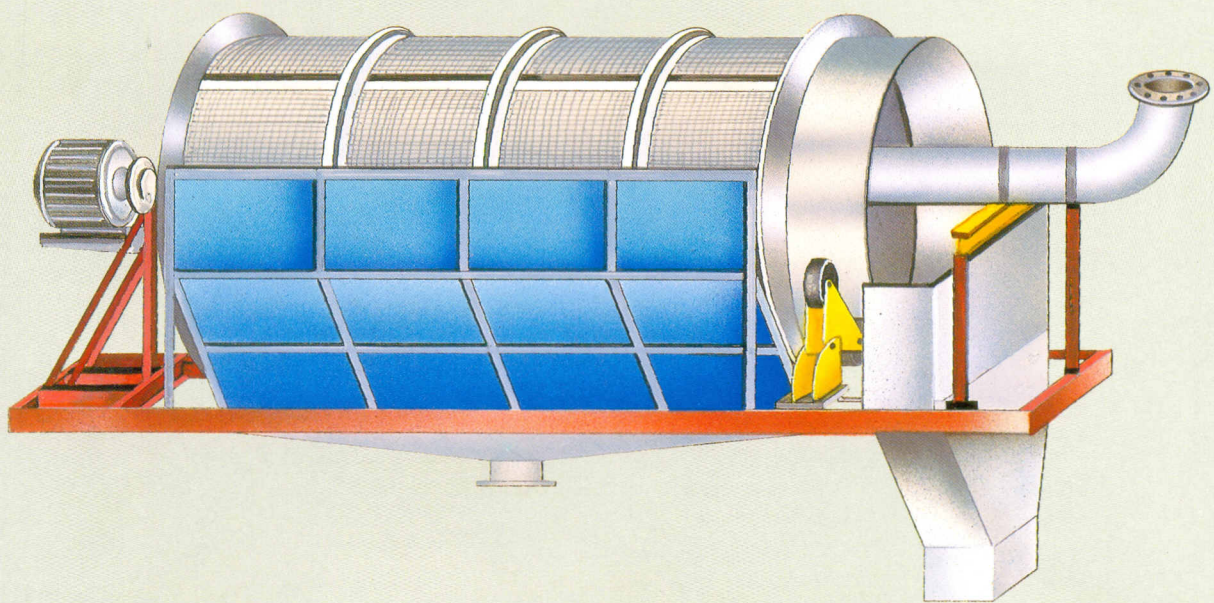


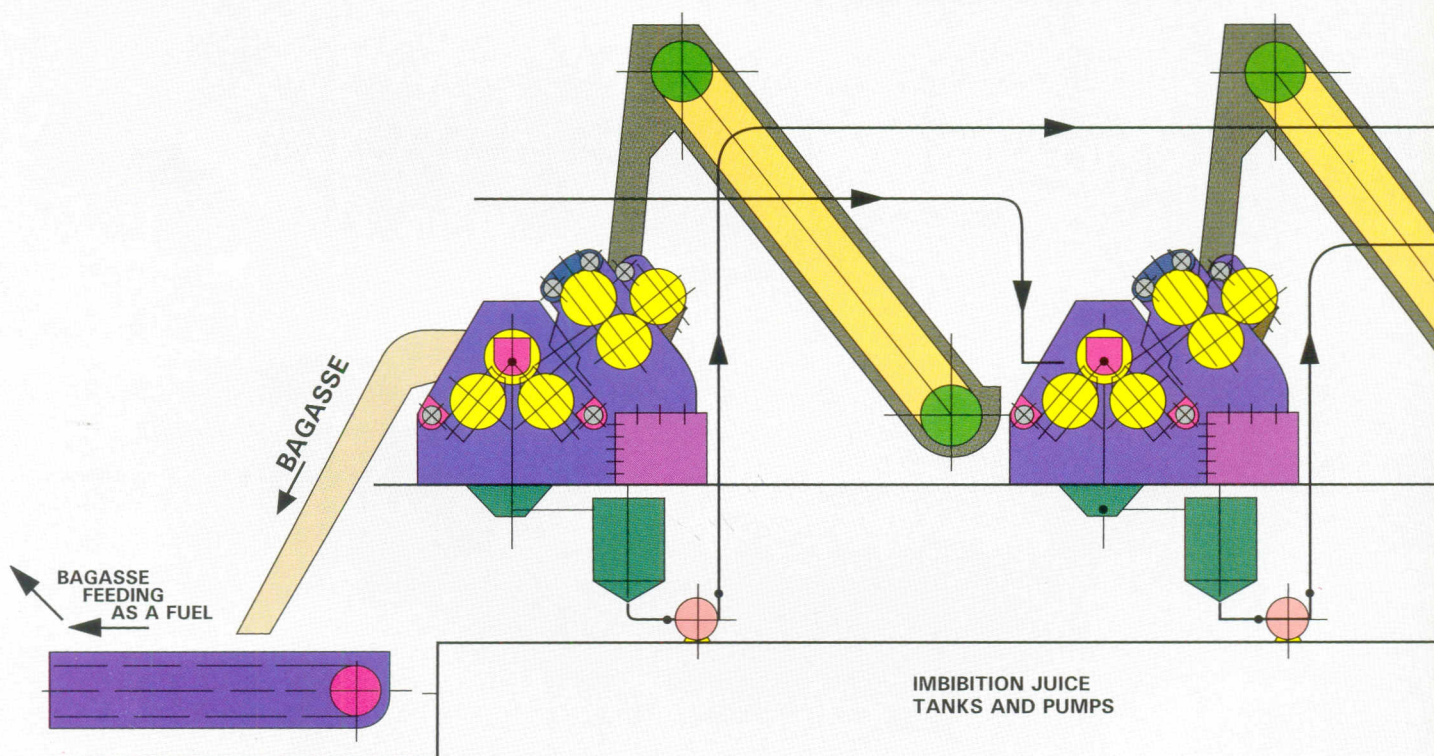
# UTTAM ROTARY JUICE SCREEN



**UTTAM**  
QUALITY



## UTTAM SIX ROLLER MILLS



Stationary DSM Screens (of 1.0/0.7 mm bar space) are not fully capable of separating fine bagasse from mixed cane juice. Presence of bagacillo in juice creates several problems. Incrustation in calendria tubes; problems with filtration of muddy juice; colouring of juice by yellow pigment saccharetin ... are some of the common problems faced by using DSM Screens.

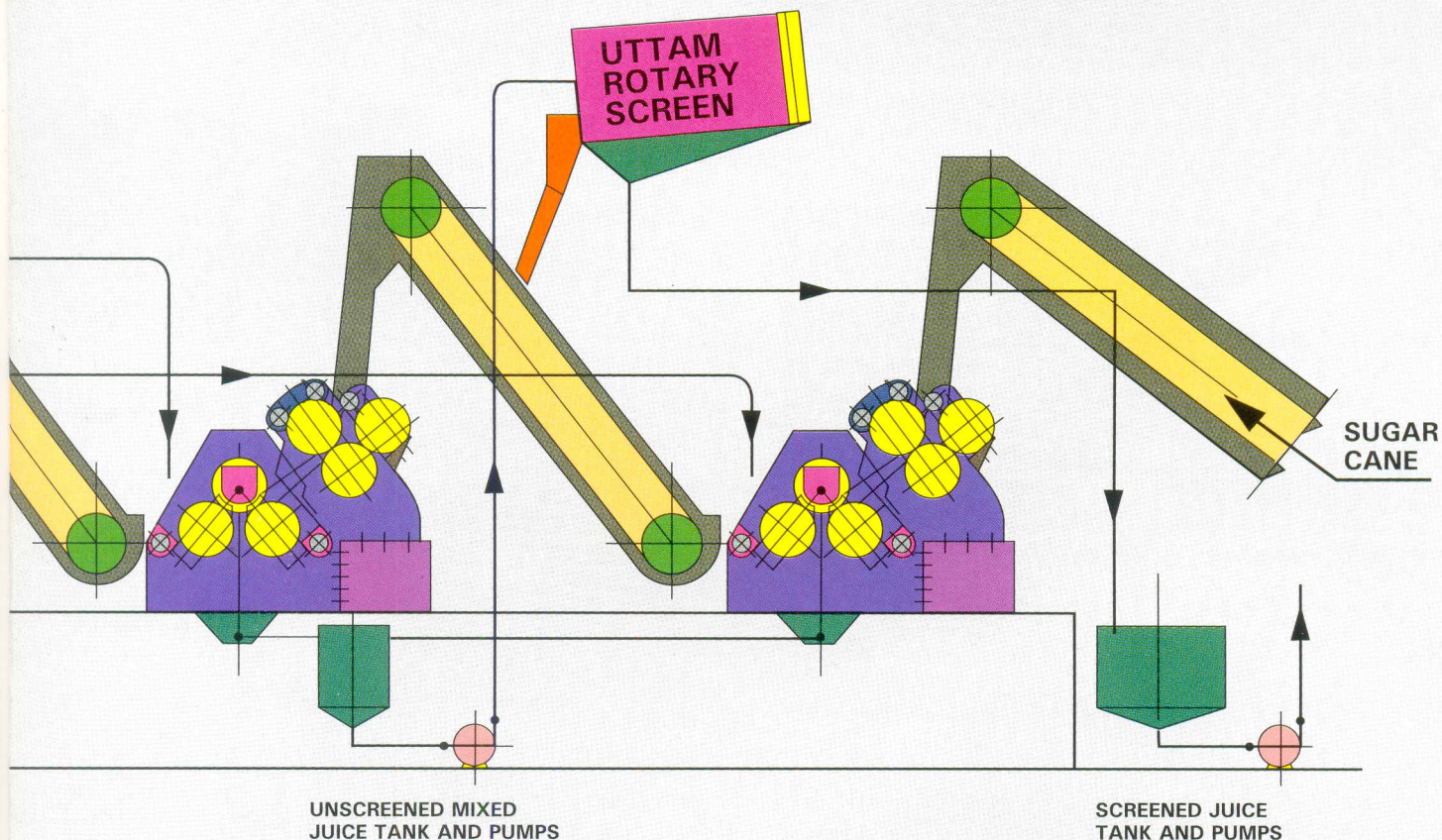
The UTTAM R&D CELL has designed a special ROTARY SCREEN which overcomes all these problems. Designed with Australian know-how, this Rotary Screen rotates at 10-12 r.p.m. and has a fine S.S. 304 Wedge Wire Screen with 0.5 mm bar space.

This fine screen successfully segregates bagacillo which is fed-back to the mill through chutes. Allowing the juice to be taken for further processing.

Uttam's Rotary Screens result in faster and better screening; which in turn improves sugar recovery. The Rotary Screen also enables easier maintenance leading to a cleaner and better maintained plant.

Uttam's Rotary Screens are available in various sizes and are capable of handling crushing capacities in excess of 10,000 TCD.





### *SPECIAL FEATURES :*

1. Designed as a single screening system hence occupies lesser working area.
2. Reduces Bagacillo content in screened juice, to 2-3 gms. per litre as compared to 7-11 gms. per litre for DSM Screens.
3. Fine separation leads to improved juice clarification, improving sugar colour.
4. Dramatic increase in sugar recovery.
5. Quality of the sugar recovered is very high.
6. Screen is automatically cleaned by vapour/water washing, preventing blockages.
7. Screw conveyor can be eliminated from mill depending on layout.
8. Lower consumption of lime & other chemicals in clarification.
9. Needs lesser and simpler maintenance and lesser power requirement.
10. Leads to cleaner mill areas.
11. Pay-back within one crushing season.



UTTAM GROUP'S CAPABILITIES ENCOMPASS A WIDE RANGE OF ACTIVITIES, SERVICES AND PRODUCTS FOR SUGAR FACTORIES FROM 2,500 TCD TO EVEN 20,000 TCD CAPACITY.

- Total project execution on turnkey basis • Conveying systems
- Cane preparation systems • Cane sugar mill feeding devices
- Cane milling systems • Complete boiling houses • Centrifugal stations
- Boilers and co-generation plants.

UTTAM'S FULLY-EQUIPPED R&D CELL HAS INDEPENDENTLY AND INDIGENOUSLY DEVELOPED SEVERAL NEW PRODUCTS FOR THE SUGAR INDUSTRY. THESE INCLUDE :

- Continuous Centrifugal Machines • Hydraulic Cane Unloaders
- Return Bagasse Feeders • Cane Juice Clarifiers • Continuous Vacuum Pans
- Fluidized Bed Sugar Driers • Vacuum Filters.

UTTAM HAS ALSO INTRODUCED, WITH AUSTRALIAN KNOW-HOW :

- Rotary Screens

IN TECHNICAL COLLABORATION WITH A. GONINAN, AUSTRALIA, UTTAM MANUFACTURES :

- A Comprehensive Range of Cane Mills, from 33"x 66" upto 55"x 110".
- It has also installed India's Largest Cane Mill (45" x 90") at Hari Nagar, which is giving trouble-free performance.

**UTTAM GROUP  
C O M P A N I E S :**

- ♦ UTTAM INDUSTRIAL ENGINEERING LTD. ♦ UTTAM SUCROTECH LIMITED
- ♦ LIPI BOILERS LIMITED ♦ UTTAM CAR WASH P. LTD.

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