

# SU-TECH MADUCONI SCREEN

A Revolution in Pulp Screening

- High Production
- Low Power Consumption
- Very Reliable Operation



MADUCONI SCREEN - F



MADUCONI SCREEN - M



MADUCONI SCREEN - C

**SU-TECH ENGINEERS PVT. LTD.**

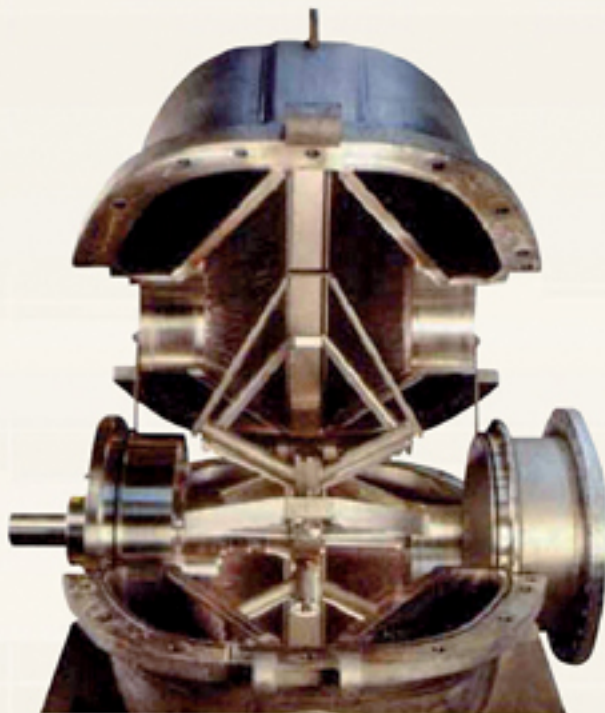
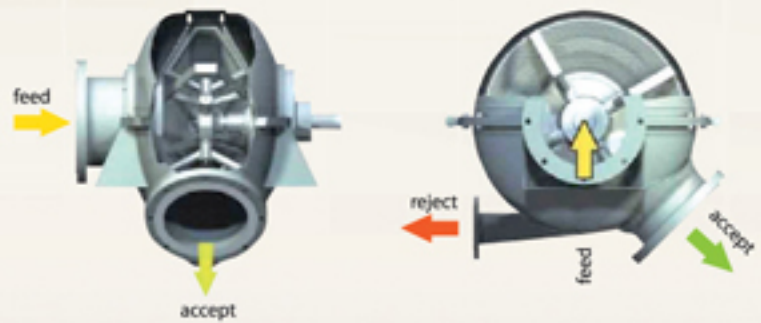
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## MADUCONI SCREEN

Proudly Su-tech Engineers Launch An Innovative Product - **Maduconi Screen** A State Of Art High Performance Equipment With Its Unique Design Providing Two Conical Screens On Either Side Of The Aero Foiled Vane Rotor. Its C, F And M Versions Are Meant For Coarse, Fine Screening In Pulp Mill And Stock Preparation And Approach Flow Location. Thanks To The Large Open Area Available From Two Screens It Becomes High Capacity Equipment At Exceptionally Low Power Consumption.



The Increasing Peripheral Velocity Of Rotor Vanes With Radius In The Same Direction As The Rejects Flow And Consistency Increase Eliminates The High Consistency Zone. It Is Quite Interesting That No Internal Dilution Is Needed. The Rotor Speeds Can Be Kept Low So As To Ensure Stable Operation. An Inlet Pressure Of 2-3 Kg/sq Cm Is Good Enough Depending On The Process Requirement.

## SALIENT FEATURES

- 1) A Very Compact Machine Occupying Little Space And Simple Foundation.
- 2) It Is An Operation And Maintenance Friendly Machine Asking Least Attention.
- 3) When Used As Coarse Screen, It Gives Protection To The Subsequent Equipment Like Refiner Or Fine Screen.
- 4) It Has No Fiber Loss Even If Operated At Higher Consistencies Like 4-5%
- 5) While Working Immediately Preceding To The Paper Machine It Is Reliable For Defloculation And Thus Gives Protection To The Wire And Also Reduces Paper Breaks .
- 6) It Promotes Excellent Formation And Very Low Cd And Md Variation. With-out Increasing Any Pressure Drop Or Loss Of Production The Target For Separation Of Shives And Other Impurities Can Be Met And Kept Extraordinarily High

