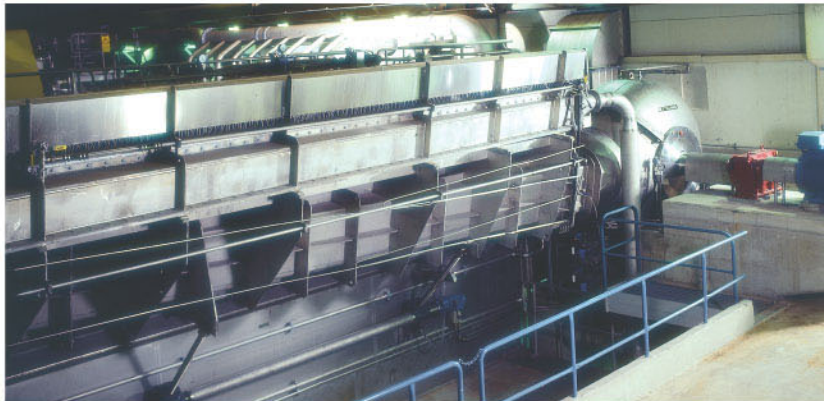
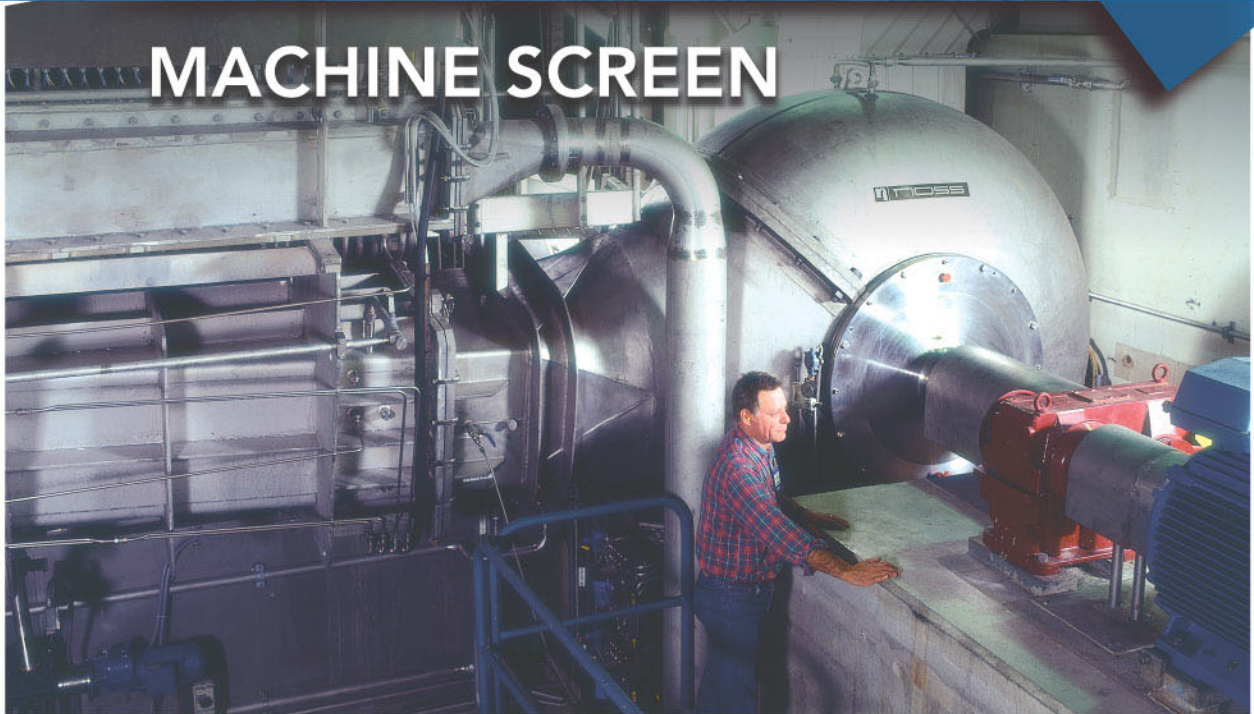


# RADISCREEN-M

## MACHINE SCREEN



- HIGH PRODUCTION
- LOW POWER CONSUMPTION
- RELIABLE OPERATION

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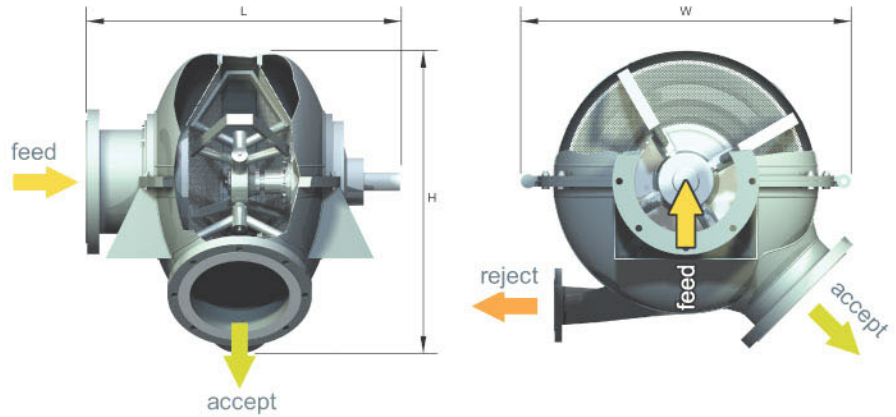
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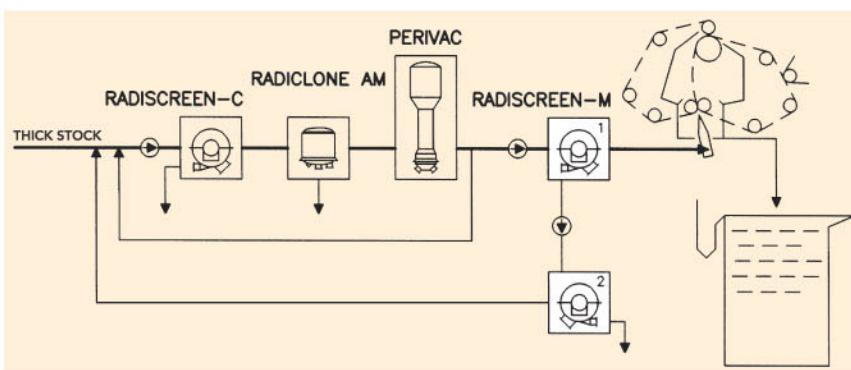
The RADISCREEN-M is manufactured of stainless steel SS142343 (superior to AISI 316). The Radiscreen's high capacity is due to the fact that the peripheral velocity of the rotor vanes increases by the radius, which is in the same direction as the reject flow and the consistency increase. Therefore, the critical zone for high consistency is eliminated. This also means that no internal dilution is needed and the rotor speed can be kept low in order to ensure stable operation and exceptionally low power consumption.

The maximum allowed inlet pressure for standard models is 400 kPa (58 psi). Higher pressure ratings are available for special applications.



| SIZE    | W    |     | L    |    | H    |     | Feed |    | Accept |    | Reject |    |
|---------|------|-----|------|----|------|-----|------|----|--------|----|--------|----|
|         | mm   | in  | mm   | in | mm   | in  | mm   | in | mm     | in | mm     | in |
| M 630D  | 870  | 34  | 964  | 38 | 755  | 30  | 200  | 8  | 200    | 8  | 80     | 3  |
| M 800D  | 1030 | 41  | 1168 | 46 | 955  | 38  | 300  | 12 | 300    | 12 | 80     | 3  |
| M 1000D | 1260 | 50  | 1240 | 49 | 1190 | 47  | 400  | 16 | 400    | 16 | 150    | 6  |
| M 1250D | 1530 | 60  | 1440 | 57 | 1460 | 58  | 500  | 20 | 500    | 20 | 150    | 6  |
| M 1600D | 1930 | 76  | 1730 | 68 | 1860 | 73  | 600  | 24 | 600    | 24 | 200    | 8  |
| M 2000D | 2390 | 94  | 2025 | 80 | 2310 | 91  | 700  | 28 | 800    | 32 | 250    | 10 |
| M 2500D | 2930 | 115 | 2385 | 94 | 2835 | 112 | 1000 | 42 | 1100   | 43 | 300    | 12 |

## RADISCREEN-M system



The RADISCREEN-M has proven to be very efficient and reliable for defloculation immediately preceding paper machine and pulp machine headboxes, and for protection of the wire and reduction of paper breaks.

A RADISCREEN-M placed directly ahead of the headbox promotes excellent formation and very low CD and MD variations. Only one primary RADISCREEN-M is needed even for flows above 250 m<sup>3</sup>/min (66,000 USGPM).

Some machine screen applications require only one RADISCREEN-M stage. In that case, and for those systems which do require additional stages, a RADISCREEN-M with intermittent reject discharge eliminates the need for open vibratory screens that can cause disturbances in the approach flow system.

