**High Capacity Screening**

**Applications**
The Radiscreen-M machine screen features the highest hydraulic capacity on the market and is used for all stock types and applications. Combining high flows with the most compact installation, Radiscreen-M ensures low energy consumption and maintenance costs.

**Features**
- High hydraulic capacity and compact design
- Low power consumption
- Low pulse design
- High separation efficiency
- Reliable operation and high runnability

**Benefits**
- For all stock types and applications
- Improved deflocculation and formation
- Optimized process and improved sheet quality
- Low maintenance costs
- Its unique case design allows for easy maintenance access in a compact space

**High hydraulic capacity**
Radiscreen-M machine screen is designed for highest hydraulic capacity providing stable operation, high runnability, and maximum availability.

**Low power consumption**
The Radiscreen-M machine screen’s high energy efficiency is driven by its conical screen plate design that reduces the rotor diameter and power. This means the rotor speed can be kept low to ensure stable operation, significantly reducing power consumption.

**Compact installation**
For both new installations as well as replacements, a critical limitation for the installation of a high capacity machine screen is often the available space. As a great advantage, the design of the Radiscreen-M machine screen enables very compact and space-saving installations.

**Effective deflocculation**
The Radiscreen-M machine screen serves as the most effective deflocculation unit and promotes improved formation and low MD and CD variations. This leads to enhanced paper quality.

**Low pulse design**
Due to its optimized design, the Radiscreen-M machine screen facilitates a virtually pulsation-free operation.

**Uniform velocity profile**
The Radiscreen-M machine screen provides a uniform velocity profile and an evenly distributed stock suspension to headbox. As a result, improved formation and enhanced sheet quality is achieved.

*See close-coupled benefit on the back of this brochure.*
Radiscreen-M directly coupled to the headbox
Installing the Radiscreen-M machine screen directly coupled to the headbox leads to a number of advantages. The compact installation eliminates the need for traditional large radius elbows and long accept piping - thus reducing piping costs substantially.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Power HP</th>
<th>Feed Diameter (d₁)(mm)</th>
<th>Accept Diameter (d₂)(mm)</th>
<th>Reject Diameter (d₃)(mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 630D</td>
<td>10</td>
<td>200</td>
<td>200</td>
<td>80</td>
</tr>
<tr>
<td>M 800D</td>
<td>25-30</td>
<td>300</td>
<td>300</td>
<td>80</td>
</tr>
<tr>
<td>M 1000D</td>
<td>30-40</td>
<td>400</td>
<td>400</td>
<td>150</td>
</tr>
<tr>
<td>M 1250D</td>
<td>40-50</td>
<td>500</td>
<td>500</td>
<td>150</td>
</tr>
<tr>
<td>M 1600D</td>
<td>75-100</td>
<td>600</td>
<td>600</td>
<td>200</td>
</tr>
<tr>
<td>M 2000D</td>
<td>125-150</td>
<td>700</td>
<td>800</td>
<td>250</td>
</tr>
<tr>
<td>M 2500D</td>
<td>175-200</td>
<td>1000</td>
<td>1100</td>
<td>300</td>
</tr>
</tbody>
</table>

Specifications and information subject to change without notice.