The M-I SWACO* 518 Centrifuge* is the premier high-speed, decanting centrifuge for drilling-mud and fluids-handling applications.

Ruggedly built for oilfield and industrial service, it is especially effective in environmentally sensitive areas. It delivers high fluid-recovery rates and efficient solids control to significantly reduce the costs of makeup fluids and disposal. The M-I SWACO 518 Centrifuge is precision-balanced for smooth operation over long periods at speeds of 1,900 to 3,250 RPM, generating centrifugal forces up to 2,100 G’s.

**Features**
- **Innovative design** includes longer bowl for increased retention time, resulting in drier solids and finer cut points.
- **Tungsten carbide scroll points** with wide spacing flights at tapered end create a finer layer of conveyed solids for consistent, uniform separation and maximum solids-control efficiency.
- **Stainless steel bowl, scroll, compartment and cover** resist corrosion and provide long service life.
- **Precision balanced to run at high RPMs** for extended periods with greater efficiency, minimizing maintenance and downtime.
- **Skid mounted**

**Benefits**
- Effectively removes the finest silts and returns valuable fluids for reuse.
- Reduces makeup fluids, dilution, cleanup and disposal costs.
- Ideal for any solids-control application; especially valuable in environmentally sensitive areas.
- Rugged construction and corrosion-resistant materials provide long service life and low maintenance costs in the toughest oilfield environments.
- Works efficiently with other M-I SWACO equipment to maximize solids control.

**Specifications**

<table>
<thead>
<tr>
<th>Bowl Size</th>
<th>Length (in.)</th>
<th>Width (in.)</th>
<th>Height (in.)</th>
<th>Weight (lb)</th>
<th>hp</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 x 56</td>
<td>119</td>
<td>70</td>
<td>34.1</td>
<td>4,800</td>
<td>25/7.5</td>
</tr>
<tr>
<td>356 x 1,422</td>
<td>3,022.6</td>
<td>1,778</td>
<td>866.1</td>
<td>1,832</td>
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</tr>
</tbody>
</table>
Engineering Drawing: 518 CENTRIFUGE

All dimensions are expressed in inches (millimeters).

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Liquid zone, Drying zone

Liquid return to active, Pool, Base, Solid discard

Whole mud feed

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MS-04387 3/05 Litho in U.S.A.