SCRAP TYPE SEPARATOR
GRINDING/CUTTING Coolant Filter

FEATURES:
1. Eliminating impurities from bucket bottom with a scraper to prevent sediments accumulation and cleaning work for bucket.
2. Hydrocyclone sucks waste water to get rid of impurities through eccentricity and supplies clean water for machine.
3. Applicable to both cutting and grinding condition.

The main function of Hydrocyclone is to deliver clean coolant filtered under an accuracy of 20μm.

A limit switch is used to detect slip of torque limiter give alarm and light up warning lamp, reminding operator to keep out of failures.

NOTES
1. Special specifications are available.
2. Voltage other than 220V 3PH 60Hz should be specified upon ordering.
3. Hydrocyclone is only applicable to water soluble coolant. Further information for oil shall be offered upon request.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DISPOSAL VOLUME</th>
<th>BUCKET CAPACITY</th>
<th>HYDROCYCLONE MOTOR</th>
<th>SCRAP TYPE SEPARATOR MOTOR</th>
<th>OVERALL LENGTH</th>
<th>OVERALL WIDTH</th>
<th>SEWAGE INLET HEIGHT</th>
<th>BUCKET OUTLET WIDTH</th>
<th>COOLANT OUTLET DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHC-1</td>
<td>70 l/min</td>
<td>230</td>
<td>1.6 kw</td>
<td>0.1 kw</td>
<td>1160</td>
<td>1120</td>
<td>1880</td>
<td>525</td>
<td>PT 1 1/4</td>
</tr>
<tr>
<td>SHC-2</td>
<td>140 l/min</td>
<td>430</td>
<td>1.2 kw</td>
<td>0.1 kw</td>
<td>1500</td>
<td>1120</td>
<td>1880</td>
<td>525</td>
<td>PT 1 1/4</td>
</tr>
<tr>
<td>SHC-3</td>
<td>210 l/min</td>
<td>630</td>
<td>2.2 kw</td>
<td>0.1 kw</td>
<td>2000</td>
<td>1120</td>
<td>1880</td>
<td>525</td>
<td>PT 1 1/2</td>
</tr>
<tr>
<td>SHC-4</td>
<td>260 l/min</td>
<td>840</td>
<td>2.2 kw</td>
<td>0.1 kw</td>
<td>2500</td>
<td>1120</td>
<td>1880</td>
<td>525</td>
<td>PT 1 1/2</td>
</tr>
</tbody>
</table>

DESCRIPTION FOR EXTENSION APPLICATION
- Available for mounting timer to control scraper running with intervals so as to reduce water volume of iron chips.
- Recommended for fixing magnetic plate on bucket bottom to speed precipitation of chips.
- Able to be equipped with refrigerator or cooling tower to control temperature of coolant.
- Available for mounting magnetic separator for rough chip filtration discharge.
- Suitable for installing centrifuge separator and high bucket to upgrade filtration accuracy to 10-5μl also applicable to oil.

A torque limiter is provided to slip in the event of overload or blockage so as to protect motor and feed chain.

There is an oil level sensor in electric box with function to alarm and light up warning lamp at low oil level.