**Advantages**

**Sugarcane Harvester - Shaktiman 3737**

<table>
<thead>
<tr>
<th>Engine</th>
<th>Crop divider</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make</td>
<td>Cummins</td>
</tr>
<tr>
<td>Series</td>
<td>B 5.9</td>
</tr>
<tr>
<td>Power</td>
<td>173 hp</td>
</tr>
<tr>
<td>Cylinder Volume</td>
<td>5.9 Liters</td>
</tr>
<tr>
<td>Number of Cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Feed rollers</td>
<td></td>
</tr>
<tr>
<td>Transmission</td>
<td>Hydrostatic</td>
</tr>
<tr>
<td>Travel Speed</td>
<td>10-20 / 65-144 KM/H</td>
</tr>
<tr>
<td>Capacity</td>
<td>100-200 Barrels</td>
</tr>
<tr>
<td>Fuel Tank</td>
<td>208 Liters</td>
</tr>
<tr>
<td>Hydraulic Oil Tank</td>
<td>130 Liters</td>
</tr>
<tr>
<td>Tyres</td>
<td></td>
</tr>
<tr>
<td>Front</td>
<td>12.5 / 65-16, 14 PR</td>
</tr>
<tr>
<td>Rear</td>
<td>16.9 x 28, 12 PR</td>
</tr>
<tr>
<td>Height Adjustment</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td></td>
</tr>
<tr>
<td>Angle Degree</td>
<td>50°</td>
</tr>
<tr>
<td>Number of Rollers</td>
<td>5</td>
</tr>
<tr>
<td>Chopper</td>
<td></td>
</tr>
<tr>
<td>Number of Blades on Chopper</td>
<td>3</td>
</tr>
<tr>
<td>Deflector Plates</td>
<td>Adjustable</td>
</tr>
<tr>
<td>Turning Angle</td>
<td>45°</td>
</tr>
<tr>
<td>Weight</td>
<td>8300 Kg</td>
</tr>
</tbody>
</table>

**Controls Panel**

- Cabin has electronic controller which displays key parameters like:
  - Engine temperature
  - Hydraulic oil level & temperature
  - Fuel level
  - Battery voltage etc.

**Advanced Tracking System**

- GPS enhancement provides SMS & web supervisor features which facilitate location of harvester and information on performance data.

**Control Panel**

- Cabin has electronic controller which displays key performance parameters like:
  - Engine temperature
  - Hydraulic oil level & temperature
  - Fuel level
  - Battery voltage etc.

**Auto Cleaning System**

- This technology helps in cleaning the radiator at regular intervals to remove the dust which can choke the radiator fins. Maintains engine temperature within limits.

**Hydraulic System**

- Robust hydraulic system run by high efficiency hydraulic motors & pumps ensuring flawless functioning of components.

**Platform Cutter**

- Specially designed cutter cuts cane efficiently. Such the bladesker runs in opposite direction which cut the cane at ground level.

**Fan Assembly**

- Removes impurities like dirt, mud etc. from the cane before delivering into container. This dynamically balanced fan assembly ensures clean cane to sugar factories resulting in more recovery.

**Topper**

- Regulated between 1050-2800 mm (41.3-110.2 inch) height variation resulting in optimum cutting of upper & lower section of crops.

**Engine Assembly**

- Six cylinders 173 HP water cooled diesel engine designed to perform optimally.

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