**Extra-low Water Level Suction Model**

1. **High Mobility**
   - Everything needed for pumping is mounted on the vehicle, including ultralight submersible pumps which can be easily handled and moved manually by hands. Therefore, it will be operational promptly after arriving at sight.

2. **Wide Product Range**
   - Discharging capacity could be selected from 60m³ to 20m³, depending on various flooded conditions.

3. **Original Ultralight Submersible Pump**
   - Pump in the unit is compact and light with 3 models, Extra-low Water Level Suction Model, High Capacity Model and High Lift Model.

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**Charactristics of Ultralight Submersible Pump**

1. **Extra-low Water Level Suction Model**
   - This model discharges water down to 8cm water depth with our original suction nozzle, enabling cars and passengers go through the pass way.
   - By connecting two pumps in boost, the head will increase to 20m from 10m.
   - Depending on the priority of high lift or high capacity, you can connect in different ways.
   - ※Needs optional hose for high head use.

2. **High Capacity Model**
   - This model has high discharge capacity, 7.5m³/min per pump. With quick installation, high speed drainage is possible.

3. **High Lift Model**
   - This model is able to lift up 20m by one pump.
   - Vehicle, generator and other accessories could be commonly used with High Capacity Model.
Specifications of Drainage Pump With Vehicle

<table>
<thead>
<tr>
<th>Type</th>
<th>60m³ Drain Pump Vehicle (convertible to 30m³ with high head)</th>
<th>30m³ Drain Pump Vehicle (convertible to 15m³ with high head)</th>
<th>30m³ Drain Pump Vehicle (8 tons truck type)</th>
<th>20m³ Drain Pump Vehicle (convertible to 10m³ with high head)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>60m³/min (H=10m / in Parallel Operation) 30m³/min (H=20m / in Serial Operation)</td>
<td>30m³/min (H=10m / in Parallel Operation) 15m³/min (H=20m / in Serial Operation)</td>
<td>30m³/min (H=10m / in Parallel Operation)</td>
<td>20m³/min (H=10m / in Parallel Operation) 10m³/min (H=20m / in Serial Operation)</td>
</tr>
<tr>
<td>Vehicle</td>
<td>22 tons vehicle (Total vehicle weight : approx. 17,300kg)</td>
<td>11 tons vehicle (Total vehicle weight : approx. 9,500kg)</td>
<td>8 tons vehicle (Total vehicle weight : approx. 7,950kg)</td>
<td>8 tons vehicle (Total vehicle weight : approx. 7,500kg)</td>
</tr>
<tr>
<td>Pump</td>
<td>Submersible Motor Pump (φ200mm) x 12sets Capacity per pump : 5.0m³/min (10m) Capacity per pump : 2.5m³/min (20m) Weight per 1 pump : 35kg (not including cables)</td>
<td>Submersible Motor Pump (φ200mm) x 6sets Capacity per pump : 5.0m³/min (10m) Capacity per pump : 2.5m³/min (20m) Weight per 1 pump : 35kg (not including cables)</td>
<td>Submersible Motor Pump (φ200mm) x 4sets Capacity per pump : 7.5m³/min (10m) Weight per 1 pump : 40kg (not including power cables)</td>
<td>Submersible Motor Pump (φ200mm) x 4sets Capacity per pump : 5.0m³/min (10m) Capacity per pump : 2.5m³/min (20m) Weight per 1 pump : 35kg (not including power cables)</td>
</tr>
<tr>
<td>Drive</td>
<td>Generator (300kVA)</td>
<td>Generator (125kVA)</td>
<td>Generator (125kVA)</td>
<td>Generator (100kVA)</td>
</tr>
<tr>
<td>Major Accessories</td>
<td>Hose, Halogen Lighting, Float etc.</td>
<td>Hose, Balloon Lighting, Float etc.</td>
<td>Hose, Halogen Lighting, Float etc.</td>
<td>Hose, Balloon Lighting, Float etc.</td>
</tr>
</tbody>
</table>

Flow

Outline

Picture