**Mud Cat™ ROV - Remote Operated Vehicles**

<table>
<thead>
<tr>
<th>MODEL SRD-4HYD ROV</th>
<th>MODEL SRD-6E ROV</th>
<th>MODEL SRD-6EC ROV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (O.A.):</td>
<td>76 in (1.9 m)</td>
<td>184 in (4.7 m)</td>
</tr>
<tr>
<td>Width (O.A.):</td>
<td>34 in (0.9 m)</td>
<td>58 in (1.5 m)</td>
</tr>
<tr>
<td>Height (O.A.):</td>
<td>31 in (0.8 m)</td>
<td>58 in (1.5 m)</td>
</tr>
<tr>
<td>Weight:</td>
<td>750 lbs. (340 kg)</td>
<td>3,265 lbs. (1,480 kg)</td>
</tr>
</tbody>
</table>

**CUTTER ASSEMBLY – SRD-4HYD**
- Mud Shield: Semi-enclosed; anti-turbidity
- Drive System: 2 low speed, high torque motors
- Auger Diameter: 10 in (254 mm) w/o cutter knives
- Auger Pitch: 15-1/4 in (387 mm) w/cutter knives
- Auger Flighting: 3/8 in (9.5 mm)
- Speed: Variable to 50 RPM
- Auger Torque: 3,000 in-lbs (340 N-m)

**WORKING CAPACITY – SRD-4HYD**
- Cut: 34 in (0.9 m) wide
- Operating Depth: 50 ft. (15.3 m) maximum
- Operating Distance: 300 ft. (90 m) maximum

**SLURRY PUMP – SRD-4HYD**
- Electric driven 40 HP (30 kW) LWT 950 Chopper Pump with fabricated steel volute and impeller. (Other material options available.)
- Semi-Open Impeller: Max solids diameter 3 in (76.2 mm)
- Suction Diameter: 6 in (152.4 mm)
- Discharge Diameter: 4 in (101.6 mm)
- Nominal Pump Performance: 300 GPM (68.1 m³/hr) against 30 ft (9.1 m) head. Up to 130 yds³/hr (19 m³/hr) of production at 30% solids content. Results may vary.

**PROPELLION – SRD-4HYD**
- Skid steered rubber cleat track drive
- Traverse Speed: Variable from 0-60 fpm (0-18 mpm)

**HYDRAULIC SYSTEM – SRD-4HYD**
- 125 HP (93 kW) diesel driven portable hydraulic power unit; 25 gallons (94 liters) at full mark.
- HPU: 125 HP 4-cyl. water cooled turbocharger diesel, trailer mounted. Single point lifting with 53 GPM hydraulic flow at 2,500 psi
- Circuit One: Auger, Track Drive
- Pressure Compensating Piston Pump Electronic Proportional Valve System

**CONTROL SYSTEM – SRD-4HYD**
- Radio Remote Control Via Shore Control Panel:
  - Slurry Pump - On/Off
  - Auger - On/Off/Up/Down
  - Left Track - Forward/Reverse/Speed
  - Right Track - Forward/Reverse/Speed
- Electrical Requirement:
  - 460 V - 3 Phase - 60 Hz - 70 FLA (standard)
  - 380 V - 3 Phase - 60 Hz - 90 FLA (optional)

**ELECTRICAL SYSTEM – SRD-4HYD**
- 12 VDC intrinsically safe

<table>
<thead>
<tr>
<th>MODEL SRD-6E ROV</th>
<th>MODEL SRD-6EC ROV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (O.A.):</td>
<td>120 in (3.0 m)</td>
</tr>
<tr>
<td>Width (O.A.):</td>
<td>54 in (1.4 m)</td>
</tr>
<tr>
<td>Height (O.A.):</td>
<td>48 in (1.2 m)</td>
</tr>
<tr>
<td>Weight:</td>
<td>3,000 lbs. (1,360 kg)</td>
</tr>
</tbody>
</table>

**CUTTER ASSEMBLY – SRD-6E**
- Mud Shield: Semi-enclosed; anti-turbidity
- Drive System: 2 low speed, high torque motors
- Auger Diameter: 10 in (254 mm) w/cutter knives
- Auger Pitch: 15-1/4 in (387 mm) w/cutter knives
- Auger Flighting: 3/8 in (9.5 mm)
- Speed: Variable to 50 RPM
- Auger Torque: 3,000 in-lbs (340 N-m)

**WORKING CAPACITY – SRD-6E**
- Cut: 54 in (1.4 m) wide
- Operating Depth: 50 ft. (15.3 m) maximum
- Operating Distance: 500 ft. (152.4 m) maximum

**SLURRY PUMP – SRD-6E**
- Electric driven 40 HP (30 kW) submersible slurry pump with high chrome 450 Brinell volute and impeller. (Other material options available.)
- Centrifugal Vortex Impeller: Max solids diameter 4 in (101.6 mm)
- Suction Diameter: 6 in (152.4 mm)
- Discharge Diameter: 4 in (101.6 mm)
- Nominal Pump Performance: 400 GPM (90.8 m³/hr) against 130 ft (39.6 m) head. Up to 25 yds³/hr (19 m³/hr) of production at 30% solids content. Results may vary.

**PROPELLION – SRD-6E**
- Skid steered rubber cleat track drive
- Traverse Speed: Variable from 0-60 fpm (0-18 mpm)

**HYDRAULIC SYSTEM – SRD-6E**
- 30 HP (22 kW) electrical driven hydraulic power unit; 25 gallons (94 liters) at full mark.
- Circuit One: Auger, Track Drive
- Pressure Compensating Piston Pump Electronic Proportional Valve System

**CONTROL SYSTEM – SRD-6EC**
- Radio Remote Control Via Shore Control Panel:
  - Slurry Pump - On/Off
  - Auger - On/Off/Up/Down
  - Left Track - Forward/Reverse/Speed
  - Right Track - Forward/Reverse/Speed
- Electrical Requirement:
  - 460 V - 3 Phase - 60 Hz - 70 FLA (standard)
  - 380 V - 3 Phase - 60 Hz - 90 FLA (optional)

**ELECTRICAL SYSTEM – SRD-6EC**
- 12 VDC intrinsically safe

**NOTE:** Specifications subject to change without notice.
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OPTIONAL BUILD FEATURES:
Controls: custom remote controls, iPad controls, and enclosed operator stations.
Tracks: custom track designs.
Pumps: high solids, high head or chopper pumps.
Power: electric or hydraulic

Cutterheads: environmental cutters, brush heads,
water jettings systems etc.
Dimensions: built to customer requirement
Materials: corrosion resistant
Monitoring: submersible camera and sonar options.