The Godwin CD150S Dri-Prime pump is a versatile, general purpose dewatering pump designed for use in the industry's most challenging construction, municipal, industrial and emergency response applications. This rugged pump is ideally suited for tough dewatering jobs, and is the reliable choice for rental solutions.

The CD150S is a member of the Godwin S Series of Smart pumps, equipped with a new generation of Field Smart Technology (FST) for remote monitoring and control. In addition to improved hydraulic efficiency, greater fuel economy, and streamlined serviceability, the CD impeller is now interchangeable with a Flygt N-Technology non-clog impeller, providing the flexibility to tackle stringy, modern wastewater applications with the same pump.

**Features and benefits**

- Interchangeable impellers to tackle a full range of solids handling applications.
- Field Smart Technology (FST) allows the user to monitor & control the pump from anywhere in the world.
- New compressor belt tensioner reduces time to change and adjust belt to approximately 30 minutes.
- New sight glass and measuring stick added to monitor level and quality of mechanical seal oil.
- Improved hydraulic design reduces vibration, maximizes efficiency and fuel economy.
- Diesel Oxidative Catalyst (DOC) technology maximizes available power from diesel engine, and reduces maintenance and downtime.
- Fully automatic priming from dry to 28 feet (8.5 m).
- Venturi priming requires no adjustment or control.
- Available as open set or Sound Attenuated Enclosure.
- Standard build engine Isuzu 4LE2X (EPA Final Tier 4).
- Other engine options available.
- Optional environmentally friendly skid base contains all fluid spills.

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction connection</td>
<td>6 in (150 mm) flange</td>
</tr>
<tr>
<td>Delivery connection</td>
<td>6 in (150 mm) flange</td>
</tr>
<tr>
<td>Max capacity</td>
<td>2290 USGPM (520 m³/hr) †</td>
</tr>
<tr>
<td>Max impeller diameter</td>
<td>11.8 in (300 mm)</td>
</tr>
<tr>
<td>Max solids handling</td>
<td>3 in (75 mm)</td>
</tr>
<tr>
<td>Max operating temp</td>
<td>176 °F (80°C) *</td>
</tr>
<tr>
<td>Max working pressure</td>
<td>91 psi (6.3 bar)</td>
</tr>
<tr>
<td>Max suction pressure</td>
<td>58 psi (4 bar)</td>
</tr>
<tr>
<td>Max casing pressure</td>
<td>138 psi (9.5 bar)</td>
</tr>
<tr>
<td>Max operating speed</td>
<td>2200 rpm</td>
</tr>
</tbody>
</table>

* Please contact our office for applications in excess of 80°C (176°F).
† Larger diameter pipes may be required for maximum flows.
Godwin CD150S Dri-Prime® Pump

Performance curve
Pump curve is based on 0ft (0m) dynamic suction lift.

Suction lift table 1800 rpm
Performance data provided in tables is based on water tests at sea level and 20°C (68°F) ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

<table>
<thead>
<tr>
<th>Total suction Head (feet)</th>
<th>Total Delivery Head (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>1852 1710 1520 1314 1140</td>
</tr>
<tr>
<td>15</td>
<td>1789 1646 1441 1251 1061</td>
</tr>
<tr>
<td>20</td>
<td>1741 1567 1361 1172 934</td>
</tr>
<tr>
<td>25</td>
<td>1678 1425 1251 1061 823</td>
</tr>
</tbody>
</table>

Open trailer
Fuel capacity 60 US Gal (227 liters)
Weight dry 2750 lb (1250 kg)
Weight wet 3170 lb (1440 kg)
Dimensions L 119 in x W 66 in x H 87 in
(L 3023 mm x W 1676 mm x H 2210 mm)

Sound attenuated enclosure
Noise @ 23 ft (7m) 66 db(A)
Fuel capacity 80 US Gal (303 liters)
Weight dry 3100 lb (1410 kg)
Weight wet 3680 lb (1670 kg)
Dimensions L 101 in x W 43 in x H 70 in
(L 2565 mm x W 1092 mm x H 1778 mm)

Materials
Pump casing Cast Iron BS EN 1561/EN-JL1030
Wearplates Cast Iron BS1561:1997
Pump shaft Carbon steel BS970:1991 817M40T
Impeller Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Mechanical seal faces Silicon carbide Vs Silicon carbide

Engine
Engine Isuzu 4LE2X
Engine power 62 hp (46.2 kW) max engine rating
Emissions standard EPA Final Tier 4
Fuel consumption @ 1800 rpm 2.6 USGal/hr (10 l/hr)

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