



888-272-7143



COAL MINING APPLICATIONS

One of our long standing coal mining customer has used Godwin Dri-Prime® Pumps for many years. Over the years they have utilized several models as well.

Fine tuning the right pump for each application takes knowing our customer's needs and understanding what they are wanting to do.



That's the nice thing about Heartland Pump Rental and Sales, Inc. and the utilization of Godwin Dri-Prime® Pumps.

The Godwin CD150M 6" High Volume Trash Pump was one of the first pumps used by this

customer. Most applications were just dewatering sumps in shallow locations. Over time they increased the distance and depth of the pit, so a high head pump was better suited for the mine.

The Godwin HL80M 3" High Head Pump was able to utilize the same engine as used on the CD150M. So as the wetends needed to be replaced, the HL80M wetends were installed. This allowed the pump to be put into applications that exceeded the abilities of the trash pump. Having the ability to discharge out of the pit with a single pump changed everything. As we have grown over the years, our customers have grown along with us. So periodically we suggest new options. Back in November 2004, we introduced the Godwin Dri-Prime® Model HL6M 8" x 6" High Head Pump to provide more

volume. The HL6M is capable of flows to 2,300 GPM and heads to 320' TDH. The HL6M is one of the best units for moving a lot of water and is very popular in all mining applications.

This application was kind of a demonstration. The mine had been utilizing 4" discharge hose on the HL80M, and wanted to utilize this same hose on the discharge of the HL6M.

In understanding what would allow this pump to work in this application, we configured the discharge to bypass part of the flow back into the sump.

By adding a tee in line and a 2" valve to regulate the bypass line, we were able to allow the pump to discharge maximum flow out of the pit utilizing the 4" hose and recirculate the excess water back into the sump. Doing this allowed the HL6M to be operated within the best parameters for this sump application.

We take what we have learned over the years and apply that knowledge to today, and that allows us to grow to better service our customers.

