

BLOOD PIT PUMPING

THE CHALLENGE

The Customer was using an AOD pump to empty their blood pit in a turkey slaughter house. The AOD pump would clog multiple times with feathers during a shift and was also struggling to prime on the blood. The AOD pump was designed to handle some solids but the long feathers were causing problems. The existing setup also included a suction lift which can be a problem with blood.

THE SOLUTION

Our pump application expert needed to find a pump that could be installed in the pit and could overcome the challenges with the solids and priming on blood. They chose the Vaughan chopper pump with a vertical configuration.

THE RESULTS

- ▶ Reduced Clogging
- ▶ Improved Uptime
- ▶ Reduced Service & Maintenance Costs

For more information on this solution or if you have a fluid handling challenge of your own - Contact a John Brooks Company Application Expert today!



FOOD PROCESSING | EMPTYING A BLOOD PIT BLOOD PIT PUMPING

TECHNOLOGY UTILIZED

[Vaughan Chopper Pump](#) - mounted in the vertical configuration in the center of the pit.

HOW IT WORKS

- The volute, impeller and chopping components are submerged in the fluid.
- When the pump is called for, the feathers are chopped small enough to pass through the existing 2.5" discharge pipe to a holding tank - no need for priming or suction lines.