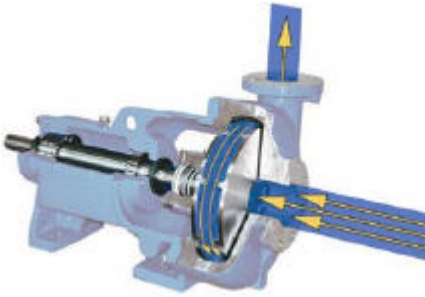


# CASE STUDY

## Non-Clogging Grape Pumping

*Welch's, Various states incl. PA, NY, MI, WA*



### The Challenge

Most pumps clog if pumping 'stringy' solids up to 18" long

Wanted to increase transfer rate

Reliability is critical

### The Discflo Solution

Solids, incl. Stringy solids, pass through pump without contacting pumping mechanism

Transfer rate increased compared with conveyor

Two years' trouble-free service

Discflo has just sold another Disc pump to Welch's (April 2002), this time for pumping grape slurry. The application is a perfect fit for the Disc pump technology, which has already been used by the grape producer for various applications, including pumping: whole grapes; vines, stems and leaves in slurry; grape juice; fruit/grape pulp; and dirt. Over the past 12 years, Disc pumps have been installed at Welch's plants in Washington, North East Pennsylvania, New York State, and Michigan.

One of the earliest applications in 1992 was at the North East, PA, plant, where Disc pumps replaced screw conveyors. The company needed to increase the transfer rate of grapes, vines, stems and leaves from various locations on site to the main juicing facility. Vines were up to 18" long at times.

Once collected, the grapes are transported in 4 cubic foot crates, each holding one ton of grapes, to a receiving hopper. The grapes are then augered to one end of the hopper where the Discflo transfer pump moves them to the juicing facility.

The reliability of the pump, a Model 806-14-2HHD, was critical to the success and profitability of the operation. As reported in 1994, after two years' service, the pump was still going strong and had not clogged once.

**Call Discflo now to find out how our pumps can solve your problems.**

**DISCFLO**  
INTELLIGENT. SUSTAINABLE. SOLUTIONS