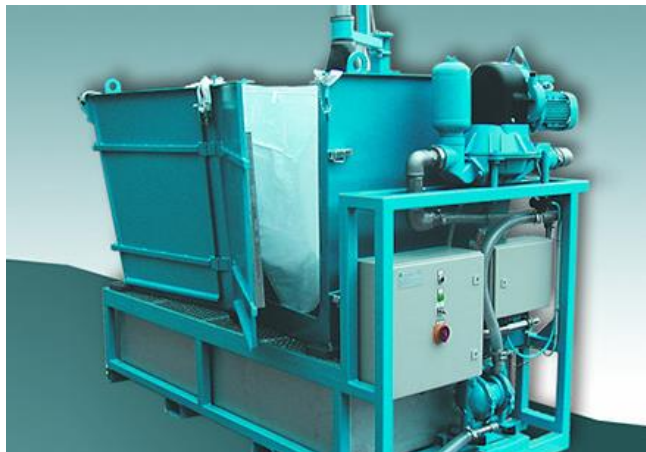




Our Solution

Water jet cutting industry

Application market	industry
Pumped medium	Abrasive, dirty sludge/water
Pump type	Diaphragm pump



Challenge

We were asked if a diaphragm pump were able of pumping waste water/sludge full of abrasive from water cutting plants into a big bag.

Solution

The Libellula 1/3" has been chosen for its capability of sucking abrasive sludge/water with debris, all this quickly enough to prevent the sludge from solidifying.

Benefits

Once the Caffini diaphragm pump has been installed, it was immediately possible to notice that the abrasiveness of the pumped liquid did not create problems either for the aluminum body or for the rubber elastomers, and the debris was smaller than 50mm.

Pump model	Libellula 3"
Construction and elastomers	Aluminium, Neoprene
Motor	Electric tph 1,5kw 1400 rpm 50hz IP55
Flow rate	125-135l/min