

SEAMLESS
AUTOMATION
"TAKES THE
HARD WORK
OUT OF
DEWATERING"



A COMPLETE
DEWATERING
SOLUTION WITH
INTEGRATED
ANCILLARIES.

The *Mobile Dewatering Unit* is an automated V-FOLD® Folding Belt Filter Press for continuous sludge dewatering. It requires little set up time and minimum infrastructure to turn liquid sludge into landfillable filter cake. These patented machines are factory mounted to a trailer, ready for action. The unit can include all necessary ancillaries for the dewatering process, presenting a total solution. The *Mobile Dewatering Unit* is a perfect solution for the versatile requirements of Government and industry alike and allows the end user to service multiple remote sites. End users gain many economical benefits from this innovative system.



SLUDGE FEEDING INTO THE V-FOLD'S
LEVEL CONTROLLED FEED CAVITY.



QUALITY LANDFILLABLE FILTER CAKE
DISCHARGING FROM THE V-FOLD.

KEY ADVANTAGES:

- Easily towed;
- Easy to operate;
- Simple to maintain;
- Forgiving of process variations;
- Reduces wastewater plant footprint;
- Reduces odours;
- Reduces environmental discharge potential;
- Can reduce the chance of ground water contamination;
- Meeting stringent EPA regulations;
- Relief from the cost of liquid waste removal from site;
- Powerful seamless automation control system, configured to monitor and control the entire dewatering process;
- Potentially a MAJOR CAPITAL SAVING for end users.

PURCHASE OR HIRE

The *V-FOLD Mobile Dewatering Unit* is a self contained, automated sludge dewatering system that requires minimal operator interaction for ongoing processing. It presents an effective solution for municipalities servicing multiple small scale sewage treatment plants and industrial end users who have multiple wastewater treatment plants.

The *V-FOLD Mobile Dewatering Units* consist of a trailer mounted V-Fold® Folding Belt Filter Press with integrated ancillaries (specifically chosen for process optimisation and longevity) and VFOLD'S advanced AUTO V-Fold control system. The unit is easily towed between sites and only requires a source of slurry, a power supply, belt-wash water supply (clean recycled or potable) and somewhere for filtrate to drain.

V-FOLD Mobile Dewatering Units are manufactured in Canada by VFOLD Inc. in two sizes – the SS600™ or the larger Maxi-V®. Both are fitted with an easy to use, automated system that has an HMI Operator Display and Interface for monitoring and control. The system takes away the potential for a large amount of human error, providing seamless and integrated control. Specific alarms for common parameters and faults that would otherwise be a nuisance or damage equipment are displayed on the HMI, saving time and hassles for operators.

VFOLD Inc. can offer the smaller SS600™ mobile unit on a hire contract, including mobilization, operator training and demobilization services.

A complete mobile dewatering solution can be provided to suit your requirements. For more detailed information please contact our qualified team at VFOLD Inc.



MAIN TECHNICAL FEATURES:

- V-FOLD® 'Auto' model SS600 or Maxi-V®;
- Road registrable trailer with V-Fold and ancillaries factory fitted;
- Automated liquid polyelectrolyte makeup and dosing systems;
- Flocculator and polymer/slurry mixer;
- Integral Polymer dosing pump;
- Powerful seamless automation control system, configured to monitor and control the entire dewatering process;
- Dewatering feed slurries of 1%DS to 8%DS;
- Slurry feed rates of 200l/h to 3000l/h and above achievable (specific to site slurry characteristics and process optimization).



**MOBILE DEWATERING UNIT
WITH SS600 V-FOLD® SEEN IN ACTION.**

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