

## Ensure proper equipment for your site: Start with a pilot unit.



Are you ready for the construction season next year? Energenecs provides the option of renting equipment in collaboration with our manufacturers. Through studies using pilot units, you can present evidence for the feasibility of your proposed solution.

Pilot units also offer the following benefits:

1. Offer practical experience
2. Test reliability and timing
3. Capture useful data
4. Postpone capital expenditures
5. Allow uninterrupted service while equipment is removed or replaced

If you need something longer term, inquire about our rental programs as well. Energenecs can provide pilot units from the following manufacturers:

### **ELODE 2nd Stage Dewatering Pilot from Charter Machine**



ELODE can reduce your sludge by half in just 3 minutes using the lowest energy possible. [ELODE is 2nd stage dewatering machine](#) made to further reduce water from sludge cake that has been dehydrated by other mechanical dewatering machines such as screw press, belt press, or centrifuge type of presses. It is based upon a recent technology that uses mechanisms of electro-osmosis and electrophoresis. It does not need to

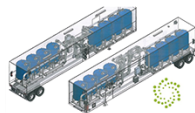
use heat to evaporate the water from the sludge, resulting in a moisture level far below any mechanical means.

## Charter Dewatering Pilot Units



[CMC Mobile Dewatering Units](#) offers flexibility and provides unique problem-solving capabilities. They are self-sufficient dewatering machines... on wheels! They are installed on open, partially closed or totally enclosed trailers. All units are self-contained requiring only electrical power, water hook-up, sludge source and discharge containment. Their fleet inventory is extensive, guaranteeing an appropriate unit to fit your application.

## PFAS Removal Rental Unit from Water Surplus



[Water Surplus' Rapid Response PFAS treatment solutions](#) utilize the efficient anion exchange resin process until the full-scale plant is designed and built. These relatively small, pre-engineered systems come skidded or mounted inside a weatherized trailer for easy installation at your existing facility. Depending on the details of the application and their current inventory, they can often move from initial inquiry through regulator approval to putting a contaminated well back online within two to three months.

## Lone Star Blower and Compressor Pilot Units



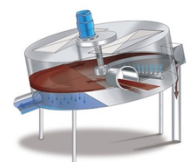
[Lone Star Blower](#) can build-to-suit specific process performance for a rental blower in a matter of days or ship immediately from their extensive inventory to replace a down blower or compressor. or boost production for a trial period before the decision is made to buy equipment.

## Huber Screw Press Dewatering Pilot Unit Machines



The [Q-PRESS®](#) is a [cost-effective sludge dewatering](#) for independence in sludge disposal. The screw press has a conical screw shaft and cylindrical sieves consisting of three treatment zones: inlet and drive zone, three-part thickening and dewatering zone, and press zone with pneumatic counter-pressure cone.

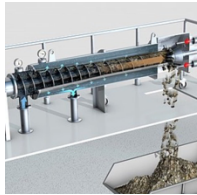
## Huber Drum Thickening – S-DISC Thickener Pilot Units



The heart of the [S-DISC sludge thickener](#) is an inclined, slowly rotating filter disc that separates flocculated sludge from filtrate. It is a compact,

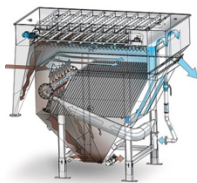
enclosed unit. The S-DISC features reliable performance with minimized operator attention. It also offers low operation costs and high throughput capacity up to 40 m<sup>3</sup>/h.

## Huber Sludge Screening – StrainPress 290 and 430 Pilot Units



Energenecs has both size machines available for pilot demonstrations. The [Strainpress offers continuous screening, dewatering and transport of coarse material](#) in one operation, protecting downstream equipment and digesters.

## Huber Dissolved Air Filtration Pilot Units



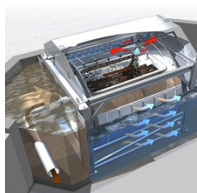
[Huber DAFs](#) are effective and efficient wastewater and process water treatment for industrial and municipal applications through flotation with micro bubbles.

## Huber Septage Screening Machine RoFAS Size One Pilot Unit



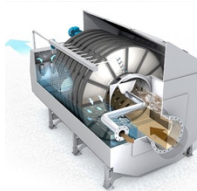
The [RoFAS is a wash drum for efficient and reliable coarse material separation](#) for septic sludge. It features rotating high-performance screening drum for extreme applications and reliable, clog-free solids transport through forced guided material transport within the drum.

## Huber Carbon Win Drum Screen LIQUID – Carbon Filtration Pilot Unit



The [Huber Drum Screen LIQUID](#) is available in different designs and suitable for numerous applications of solids-liquid separation. Depending on the specific application requirements the horizontal drum is covered with a mesh, wedge wire or perforated plate and is suitable for channel or tank installation.

## Huber Filtration RoDISC and RoFilt Pilot Units Coming Soon!



The [Huber Disc Filter RoDisc®](#) has been designed for fine screening of up to 1,500 m<sup>3</sup>/h with a mesh size down as small as 10 µm. The screen is especially suited for applications where a very high filtrate quality and large filter surface area is required.

## Learn More About Pilot Unit & Rentals

Contact Energenecs at (262) 377-6360 for more information about wastewater pilot and rental units for your plant.