



AD Sludge Dewatering using Hiller Centrifuges

Total solutions for Liquid Solid Separation

Background

MSE Hiller have been supplying centrifuges for the dewatering of anaerobically digested sludges for many years and have gained significant experience in this sector with over 50 references covering sewage, food wastes, agricultural feedstocks, bio energy plants.

Performance

As you can see from the surrounding photographs, the performance of the Hiller centrifuge is dramatic and often depicted by the condition and nature of the sludge. Typically on sewage AD applications the solids levels of feed can be 5 – 6 % dry solids and the discharged cakes can be 28 – 34% dry solids with centrates of < 3,500 ppm ss. Recovery rates of > 95 % are typical. Food and industrial applications can vary but typically a cake of 25 - 33% ds is common with centrates of 900 to 3,000 ppm ss.

Capacities

The MSE Hiller range of decanter centrifuges cover installed on UK based AD sludge dewatering projects to process capacities from 0.3 to 70 m³/hr. capacities from 0.3 to 150 m³/hr. Units have been

Service back up

We have a purpose built workshop facility covering some 1,500 m². The facility includes high speed balancing equipment, laboratory, training facility, clean rooms for electronics and hydraulics, secure spare parts storage and overhead lifting to 24 tonnes. MSE Hillers service ethos provides you with a rapid, reliable and trustworthy response and our experienced engineers can be depended upon 24 hours a day 7 days a week.

Trials and rental units

Test and demonstration units are available covering a range of capacities from skid mounted 1 - 4 m³/hr units to 40ft trailer mounted systems at production rate capacities



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