

Energy Efficient Centrifuges - the new Hiller DecaPress SEE Range from Hiller US

April 2013

Hiller US recently announced the arrival of the revolutionary new Hiller DP484 SEE drive.

SEE which stands for Stationary Energy Efficient drive incorporates a direct drive gearbox so no more V belts!

As the name suggests this new centrifuge offers superior energy efficiency compared the older designs of centrifuge.

The New Stationary Gearbox also incorporates a new oil circulation system which delivers cleaned filtered and cooled oil directly in to the main rotating parts of the gears leading to smooth operation, high torque, reduced wear and increased longevity.

The new centrifuge, which saw its first production runs at a sewage treatment plant in Germany at the end of June 2011, is the end result of a research and development program that started approximately 24 months ago and led the Hiller company to question each component and part of the centrifuge to develop a truly new state of the art next generation of DecaPress machine.

During the proving trials the unit was said to offer a 30% increase in production capacity compared to the conventional centrifuge at site and cake solids were some 5% points better. Polymer and power consumption was also said to be considerably lower than expected making this next generation machine an energy efficient winner for Hiller.

The SEE range of Hiller DecaPress centrifuges also come with the new Swiss built SEE controller which provides a processing speed some 4 x faster than previous systems and allows for Ethernet and Profibus communication all supplied as standard.

Orders have now been taken for the first five machines and with the next units already in production.

Call Hiller US office in Lampasas, Texas @ (512) 556-5707 for further information and details

