



Decanter Centrifuge

A large local sewage treatment plant or a small industrial plant – Noxon's decanter centrifuges provide cost advantages in all kinds of organizations. The compact Swedish-made centrifuge takes up very little space and provides reliable and safe operation year after year.

Technology with a thousand possibilities

Noxon's decanter centrifuge is available in several sizes and models to function in different kinds of organizations. Common applications include raw sludge, bio sludge, digested sludge, water treatment sludge, slaughterhouse sludge, paper/cellulose sludge, fish sludge and oil sludge. Each decanter centrifuge from Noxon can be adapted at several points to be customized to meet customer needs. Naturally, we also offer training, installation, commissioning, optimization and service once the machine has been delivered

Specifications

Function

The decanter centrifuge's central section consists of a rotating drum with an independently rotating screw conveyor inside.

The sludge is fed via inlet pipes into the mixing chamber in the screw. This is also where polymers are added for sludge flocculation. During centrifugation, the sludge is thrown through holes in the mixing chamber out against the outer walls of the drum. The dewatered

sludge is transported out through the machine by the screw conveyor, while reject water is pressed back towards the reject outlet. The water level in the drum is adjustable and the type of sludge being processed determines the appropriate level.

The drum and screw rotate independently of each other at up to approx. 3,600 rpm, depending on machine and sludge type.

Adaptation

We manufacture our centrifuges in Sweden and work closely with our customers. This gives us a wide range of options to adapt our machines to meet customer needs. We can combine different materials, adapt the foundation, use different operating systems and so much more. You can also select virtually any color you like. Why do all machines have to look alike?

Accessories

All our centrifuges can easily be adapted for different organizations and different types of sludge. The long list of accessories makes it possible to customize the centrifuge with equipment that is optimal for your particular organization.

Automatic control cabinets

Sludge regulators

Vibration guards

Sludge diverter

Sludge outlets

Sleeve couplings for ventilation

Flow meters

Dry solid meters

Reject meters

Reject vessels

Level gauges

Anti-noise hoods

Different types of polymer make-up systems

Please get in touch with us to discuss your organization; we can jointly select a centrifuge to provide the results you want.