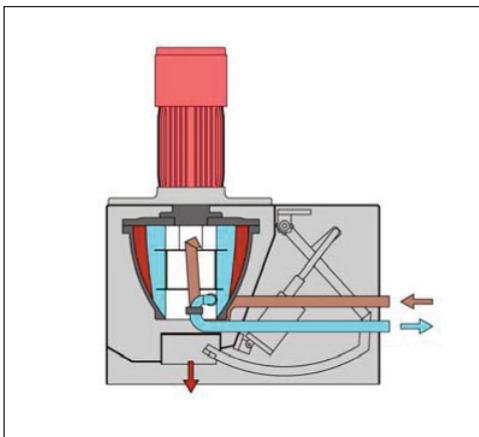
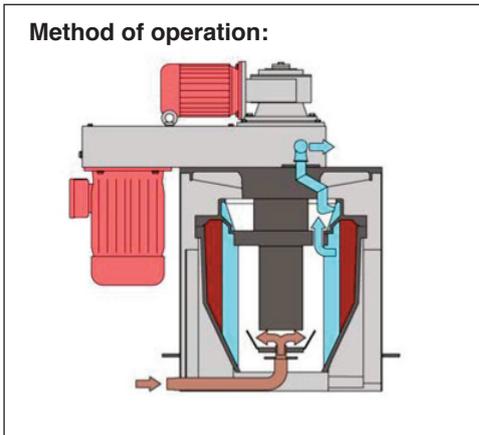


Method of operation:



Automatic Centrifuges



Turbo-Separator

Turbo centrifuges with automatic discharge for solids.

Function:

A pump is used to pump the contaminated fluid to the centrifuge. There, the fluid then flows through the rotor from the bottom up.. As it flows through the rotor, the fluid is separated into its different components which have different weights. The heavy solid particles drift outwards and are deposited on the wall of the drum. Once a certain quantity of separated solids is reached, the supply to the centrifuge is stopped. The scrapers detach the solid particles from the wall of the drum, which then drop into the tilting slurry container positioned underneath the centrifuge. The cleaned fluid is discharged under pressure through a riser channel. The robust bearings of the rotor allow it to be used even under extreme external conditions. Frequency converters, PLC and all of the necessary indicator lamps complete the standard series equipment. Thanks to these components the devices meet all relevant safety regulations.

Application areas:

The automatic centrifuges from Turbo-Separator AG are ideal for filtering fluids at maximum rates of up to 250 l/min. In the process, a wide range of different substances can be filtered from the different types of fluids like emulsions, oil, petroleum, solvents, water etc., including for example all metals (magnetic and non-magnetic), glass, ceramics, fillers, carbides, graphite etc.

Advantages:

- » Best filtration quality in the range from 1 – 10 µm
- » No costs for additional filtration aids or media like fibre matting
- » Minimal disposal costs, with no additional costs arising from additional filtration aids or media
- » Best processing results thanks to the high purity of the cooling lubricant
- » Effortless operation for high employee satisfaction
- » Automatic operation
- » Equipment pays for itself very quickly
- » Future-proof filtration method

