

Screw Conveyor Cross Collector

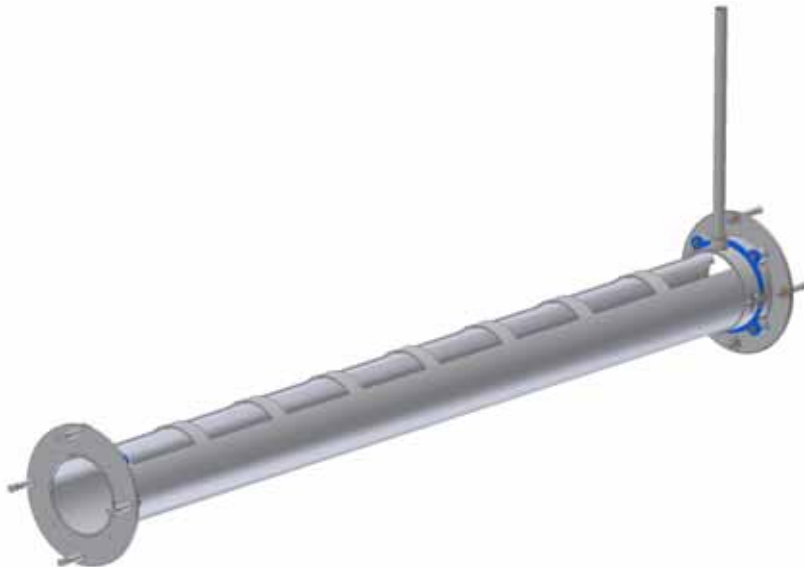
An alternative to the chain and flight cross collector, a screw conveyor can be utilized for the same purpose of concentrating the sludge into a sump pit. These can either be driven directly by a motor or an indirect chain drive (illustrated below). When these screw collectors span many hoppers or just a longer single hopper, hanger bearings are required.



Typical Screw Collector

Scum Trough Rotary Skimmers

Scum troughs can either be operated manually (shown below) or with a motor to accept scum floating on the surface of the water in a four shaft collector. Available in many designs, they are the most economical making them the most common type of surface skimmer.



Typical Scum Trough