

Floating Bath, acorn (skimming off)

TECHNICAL DATA:

Power rating:	0,5 kW
Dimensions (L x W x H)	1700 x 900 x 1300 mm
Electrical connection:	230 V, 50 Hz



When fresh acorns are to be separated from bad ones, a process called skimming is most often used. The basic idea is to separate the good acorns from the bad by placing them in a liquid-filled container. The bad acorns will float on the surface of the liquid while the good ones will sink to the bottom where they are collected and then removed for further processing. The bad acorns are collected from the surface (by skimming). This skimming process is very simple yet very successful in separating the bad acorns from the good, resulting in two separate lots of acorns.

BCC delivers a so-called Flotation Bath for just this purpose. The unit consists of a large metal box made from stainless steel and a conveyor belt, this latter also being made in stainless steel. This makes the unit very corrosion-resistant and also very easy to clean.



The conveyor belt runs at the bottom of the stainless steel box and is angled upwards at one end. This part of the belt continues at an angle out of the water and transports the good (high quality) acorns via a chute, to the insert baskets for the next step in the process. The insert baskets for the thermotherapy kettles are lifted by a roof-mounted trolley lift (to be arranged by the customer) and placed in to the kettles for further processing, all in a very lenient way which is crucial when handling acorns.

The bad (low quality) acorns are manually collected on the water surface where they are floating. A stainless steel bar running across the box prevents the bad acorns from entering the conveyor belt where it leaves the water, thus preventing mixing good acorns with bad.

The conveyor belt is driven by a small but powerful three-phase electric motor and is operated by two simple start and stop buttons. The whole unit is virtually noiseless during operation.

Please contact BCC AB or your local representative for samples and prices.