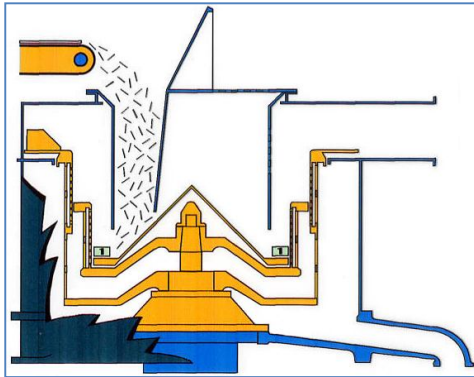
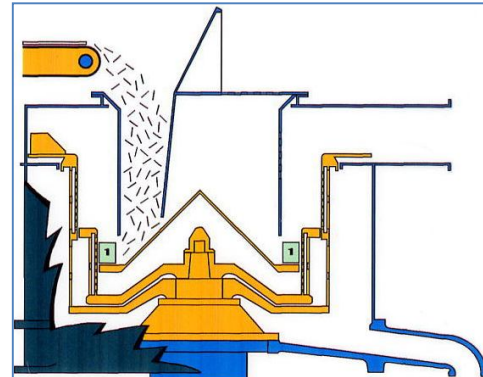


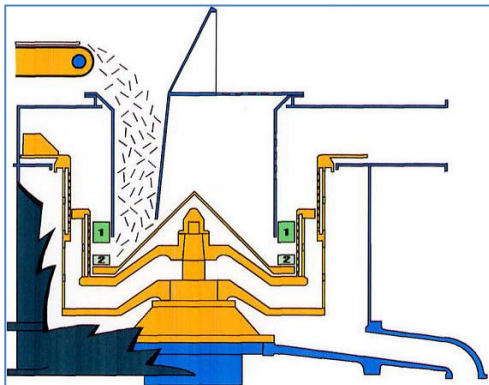
OPERATING PRINCIPLE CONTINUOUS CENTRIFUGE SCPC-C



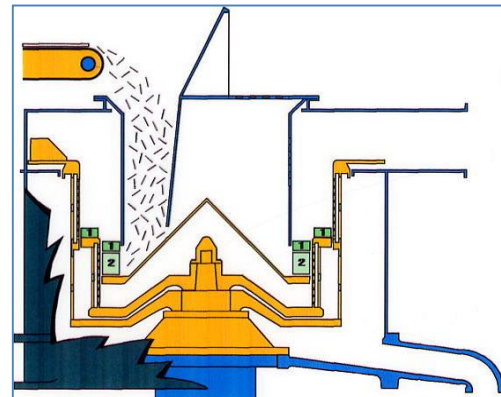
Step 1 : Initial feeding



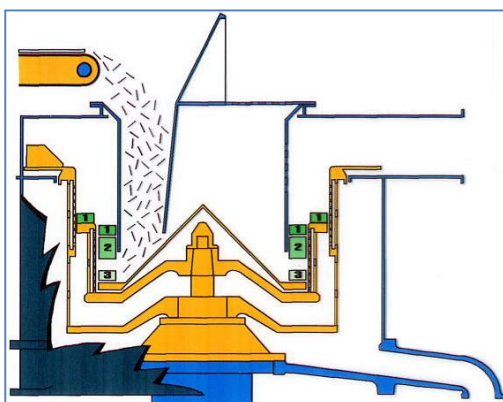
Step 2 : Pusher plate actuated / displacing initial feed



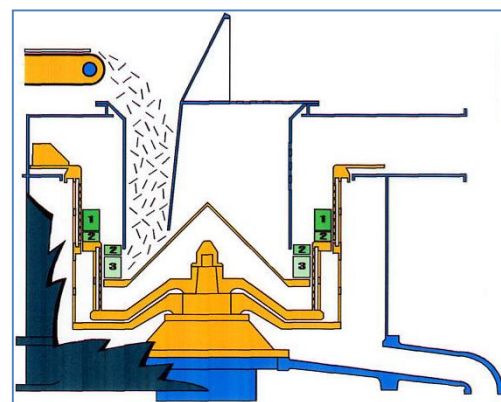
Step 3 : Newly fed material is introduced / pusher plate is retracted



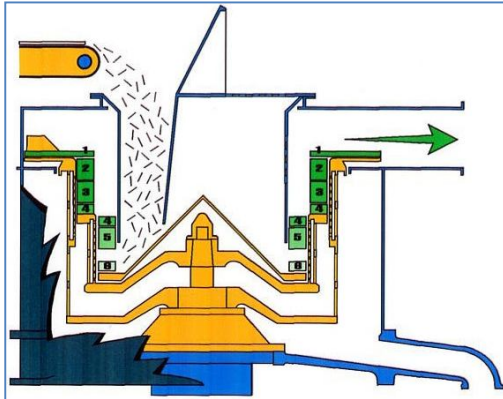
Step 4 : Pusher plate is actuated and constantly displaces fibers



Step 5 : Feeding and displacement



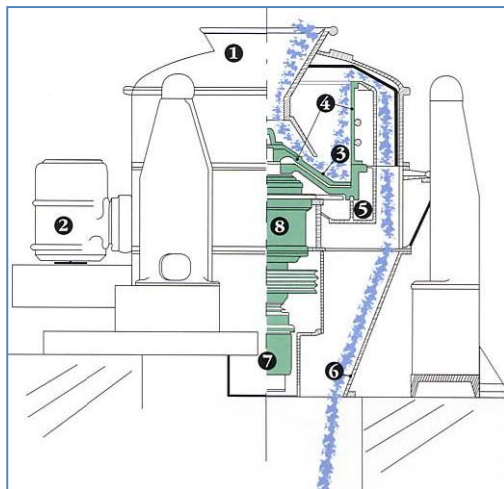
Step 6 : Initially fed swarf / chips are displaced to basket stage 2 for final liquid



Step 7 : Pulsed discharge of the centrifuged swarf / chips

The tapered basket consists of a slotted screen, assuring filtration of the oil contained in the swarf / chips under centrifugal force.

The basket bottom advances and retracts hydraulically. The swarf / chips to be centrifuged are continuously fed, displacing the chips / swarf that are being centrifuged, towards the upper portion of the basket, using the reciprocating action of the bottom pusher plate, and are ejected towards the discharge zone.



- 1- Feed funnel
- 2- Electric main drive motor
- 3- Bottom pusher
- 4- Basket
- 5- Oil discharge
- 6- Centrifuged chip discharge outlet
- 7- Rotating seal

Bearing housing and hydraulic assembly for pusher plate control

Cutaway Diagram : Continuous chip spinner Model SCPC-C