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
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.

**Cutaway Diagram : Continuous chip spinner Model SCPC-C**

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