

Horizontal Peeler Centrifuge

Type SHC for Pharmaceutical and Chemical industry

Horizontal Type SCH centrifuges are manufactured to the very latest specification requirements including both cGMP and cGAMP for our range of Pharma machines. Bespoke designs and manufactured to meet both the process and clients specific separation isolation needs. Key components and auxiliaries including the main drive motor, controlled feed delivery, cake depth monitoring, final discharge, large internal inspection door etc are operated via the very latest state of art electro pneumatic control systems.

Materials of construction;

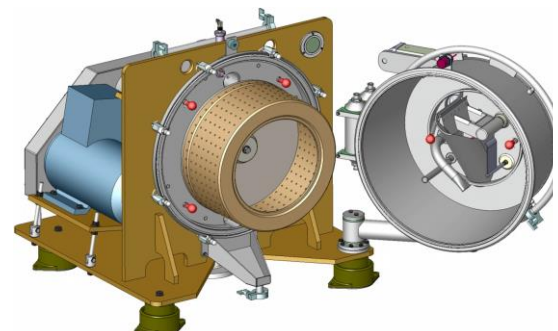
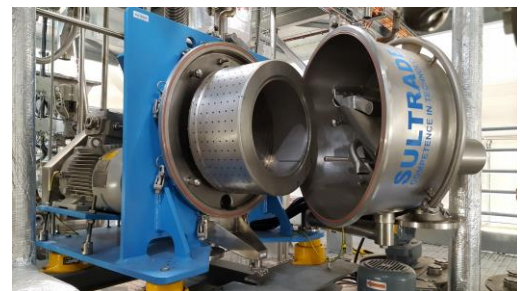
- Stainless Steel - 316L
- Hastelloy C-22
- Halar protective coating

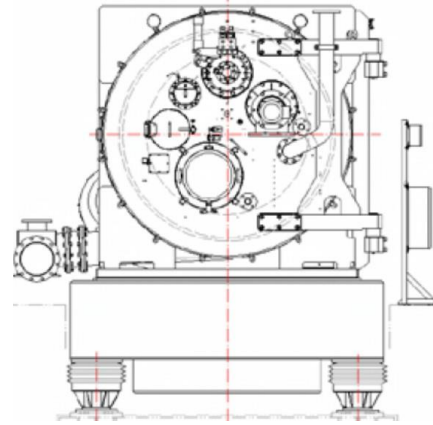
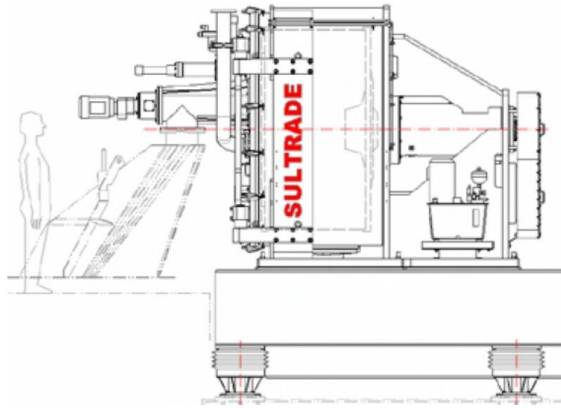
Centrifuge cleaning;

- CIP or SIP via spray balls or nozzles
- Flood washing with cleaning liquid(s)

Various design options and axillary equipment;

- Variable speed regenerative drive systems
- plc operating and processing control systems
- Operators local HMI control panel
- Residual heel removal device
- Feed suspension monitoring and control
- Solids (Product) washing
- Filtrate exit via gravity or siphon
- Full opening outercasing inspection door
- Inert Gas Blanketing (IGB)
- Oxygen monitoring
- Valving and connection piping and hoses surrounding the centrifuge installation





Centrifuge type		SCH 400/180	SCH 1000/500	SCH 1300/750	SCH 2000/1000
Basket Diameter	mm	400	1000	1300	2000
Basket Height	mm	180	500	750	1000
Opening Diameter of Basket	mm	300	750	1000	1550
Filtration Area	m ²	0.226	1.571	3.063	6.283
Basket Volume	m ³	0.01	0.172	0.435	1.255
Max. Basket Load	kg	17.5	215	545	2200 (1000)
Max. Basket Speed	rpm	3000	1500	1200	660/825
Centrifugal Force	xg	2012	1257	1046	487 (761)
Drive Power	kW	7.5	11	22	22-37
Weight of empty centrifuge	kg	700 - 750	1250 - 1350	2200 - 2300	5400

