

# SULTRADE

## GYPSUM & Chemical Centrifuge SCVB

### Applications

The SCVB type centrifuges are designed for high throughputs and are manufactured to meet a multitude of configurations and unique processing requirements. Mostly used are in the **GYPSUM** production lines originating from flue gas desulphurization **FGD (ENERGOGYPSUM)** as well as lines for neutralization of sulfuric acid (**CHEMOGYPSUM**).

### Design

Materials of construction are Stainless Steel 316L, Duplex Stainless Steel, cladding of some parts with Hastelloy C-22 or Rubber vulcanized lining with hard and soft layers.

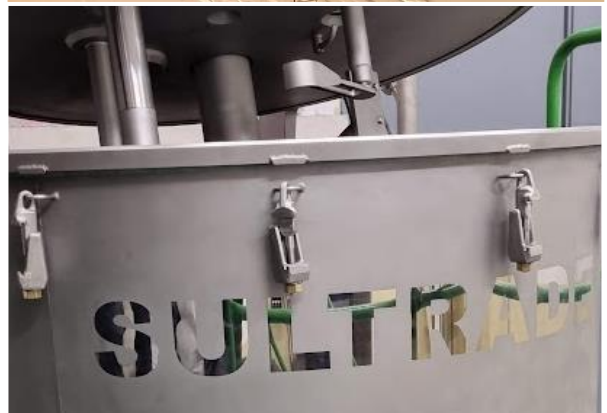
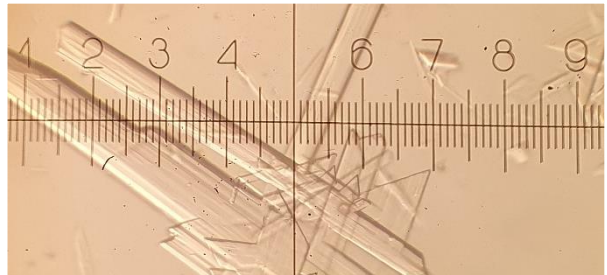
We can equip the blade of discharging knife with special alloy designed for wear resistance such as Stellite.

Variable design of centrifuge itself with various range of peripheral components (recuperation unit, discharging chute and product separator, cake washing, operators local HMI control panels)

Robust and reliable design with possibility to change basic dimensions to your existing position.

### Service and SP

We provide fast and reliable service together with spare parts.



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Whether you need spare parts, rentals, local service, repairs or upgrades, SULTRADE is your partner to fulfill all your requirements.

Centrifuge type	SCVB 800/500	SCVB 1000/630	SCVB 1250/800	SCVB 1250/1000
Basket diameter (mm)	800	1000	1250	1250
Basket height (mm)	500	630	800	1000
Opening Diameter of Basket (mm)	560	700	875	875
Filtration area (m2)	1,26	1,98	3,14	3,93
Active basket volume (m3)	0,128	0,252	0,501	0,626
Maximum basket filling (kg)	160 - 223	315 - 438	626 - 872	782 - 1089
Maximum basket speed (rpm)	1600	1280	975	975
Maximum gravity factor (xg)	1145	916	664	664
Driving electric motor (kW)	(11; 15)	(30; 55)	max. 90	max. 110
Weight of empty centrifuge (kg)	2450	4000	6600	7000

Centrifuge type	SCVB 1600/1000	SCVB 1600/1250	SCVB 1800/1250	SCVB 1800/1400
Basket diameter (mm)	1600	1600	1800	1800
Basket height (mm)	1000	1250	1250	1400
Opening Diameter of Basket (mm)	1120	1120	1260	1260
Filtration area (m2)	5,03	6,28	7,07	7,92
Active basket volume (m3)	1,025	1,282	1,622	1,817
Maximum basket filling (kg)	1282 - 1784	1600 - 2230	2000 - 2820	2270 - 3160
Maximum basket speed (rpm)	800	800	750	750
Maximum gravity factor (xg)	572	572	566	566
Driving electric motor (kW)	max. 160	max. 160	(132; 200)	(160; 200)
Weight of empty centrifuge (kg)	11050	11650	15950	16300