

VERTICAL BOTTOM DISCHARGE PEELER CENTRIFUGES CHEMIE TYPE SCVB



SCAN FOR MORE



DESIGN



NEW MACHINES



SPARE PARTS



UPGRADES



OVERHAULS



MAINTENANCE



Vertical bottom discharge centrifuges type SCVB for chemical industry are designed primarily to process large volumes of product and to withstand high loads and operational requirements.

KEY FEATURES

- Hydraulically operated peeler and feeding valve
- Scraping knife with up-down motion
- Scraping blade knife wear resistant (Stellite)
- Various cake detection devices
- Local control panel with HMI operator terminal
- RHR - Residual Heel Removal systems
- CIP [Clean In Place] systems
- ATEX Explosion-proof version with inertization

DESIGN

- Partially opening lid for easy access
- Robust integral inertia plate
- Material of construction:
 - » Stainless steel 1.4404, 1.4571 or other
 - » Duplex 1.4462 or Hastelloy 2.4602
 - » Coating with Halar® E-CTFE
 - » Cladding of some parts with Hastelloy C22® or Rubber vulcanized lining with hard and soft layers (gypsum centrifuges)



VERTICAL BOTTOM DISCHARGE GYPSUM PEELER CENTRIFUGES TYPE SCVB

GYPSUM DEWATERING

Vertical gypsum peeler centrifuges are used in the dewatering lines both in the chemical industry after the **neutralization of sulfuric acid** and in **flue gas desulphurization** from coal-fired heating / power plants.

We design, manufacture, supply and install **gypsum centrifuges of all sizes** from a basket diameter of **800 to 1800 mm** in innovative quality and with a possible CAPEX / OPEX investment financing. None of our competitors offer the gypsum centrifuges in the **SCVB 1800/1250** size. Our centrifuges can be made entirely of stainless steel, avoiding the problems of rubberized parts (expensive repairs).



Model	SCVB 800/500	SCVB 1000/630	SCVB 1250/800	SCVB 1250/1000
Basket diameter (mm)	800	1 000	1 250	1 250
Basket height (mm)	500	630	800	1 000
Opening Diameter of basket (mm)	560	700	875	875
Filtration area (m²)	1,26	1,98	3,14	3,93
Useful basket volume (m³)	0,128	0,252	0,501	0,626
Maximum basket load (kg)	160 – 223	315 – 438	626 – 872	782 – 1 089
Maximum basket speed (rpm)	1 600	1 280	975	975
Maximum G force	1 145	916	664	664
Motor power (kW)	(11; 15)	(30; 55)	max. 90	max 110
Weight of empty centrifuge (kg)	2 450	4 000	6 600	7 000

Model	SCVB 1600/1000	SCVB 1600/1250	SCVB 1800/1250	SCVB 1800/1400
Basket diameter (mm)	1 600	1 600	1 800	1 800
Basket height (mm)	1 000	1 250	1 250	1 400
Opening Diameter of basket (mm)	1 120	1 120	1 260	1 260
Filtration area (m²)	5,03	6,28	7,07	7,92
Useful basket volume (m³)	1,025	1,282	1,622	1,817
Maximum basket load (kg)	1 282 – 1 784	1 600 – 2 230	2 000 – 2 820	2 270 – 3 160
Maximum basket speed (rpm)	800	800	750	750
Maximum G force	572	572	566	566
Motor power (kW)	max. 160	max. 160	(132; 200)	(160; 200)
Weight of empty centrifuge (kg)	11 050	11 650	15 950	16 300