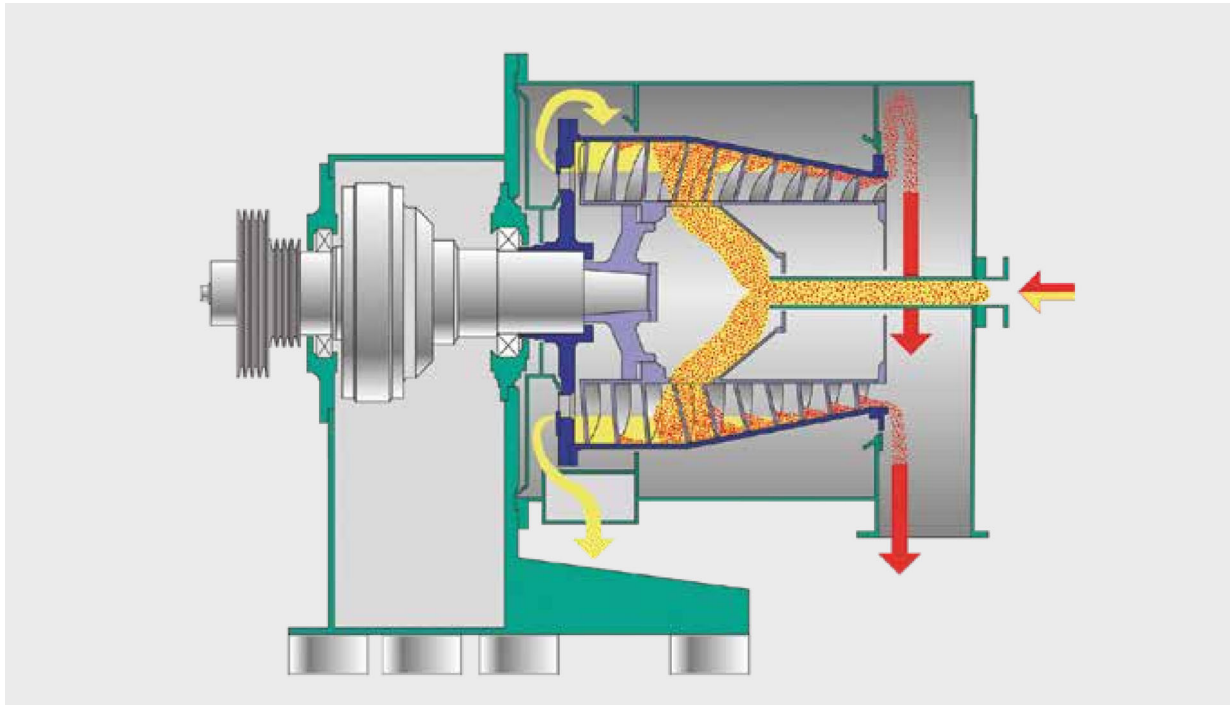


SHORTBOWL | DECANTER CENTRIFUGE



As long as necessary – with enormous advantages

The SHORTBOWL decanter centrifuge is designed overhung-mounted. Because of the special geometry of the rotating parts it is highly suited for the separation of fine solid particles having a specific gravity that is very different from the liquid phase.

The design principle with its strict separation of process and drive unit makes this decanter ideal for applications in pharmaceutical or food manufacturing operations (CIP standard). This machine concept also means that the decanter can be used in high-temperature areas or for pressure-tight processes.

From laboratory standard through to rough work in the primary materials industry the SBD decanter is ideally suited. Versions in special materials, explosion protection and inert gas overlay or hot gas blanketing have been part of our offering for over 50 years. We also increase operational reliability by fitting oil-circuit lubrication for all bearings, including gear unit and scroll bearings. We also offer this version with USDA certification.

Product washing can be more advantageously carried out than with normal decanters.

Advantages

- ◆ Continuous operation
- ◆ Overhung-mounted
- ◆ Short design
- ◆ Free and unobstructed discharge of the solid matter from the product housing
- ◆ High-temperature versions
- ◆ USDA versions
- ◆ Better product washing than in normal decanters
- ◆ Flexible drive concept
- ◆ High machine availability
- ◆ Minimum maintenance
- ◆ Long service life

SHORTBOWL | DECANTER CENTRIFUGE

Standard Machine Sizes

		140	250	350	500	600	750	900
Drive motor	approx. kW	3	7.5	15	30	45	75	110
Length	approx. mm	855	1,195	1,635	1,750	2,150	2,550	3,010
Width	approx. mm	760	1,200	1,550	1,600	2,100	2,250	2,600
Height	approx. mm	515	776	1,015	1,100	1,560	1,750	1,950
Weight	approx. kg	220	850	1,930	3,000	4,500	7,000	8,200

Special versions on request.



Main Industries



Food & Dairy



Inorganic Salts



Organic Compounds



Polymers



Recycling & ZLD



Other Industries

Typical Applications

- ◆ Alpha-Gypsum
- ◆ Thermoplastic Polymer Pellets
- ◆ Fryer Oil Recovery
- ◆ Glycerin
- ◆ Lactose
- ◆ ...