



Delivering Clean Water Solutions



BF Washer/Compactor

BF washer/compactor is used for dewatering and volume reduction of screened material and wet solids in wastewater treatment plants and process industries.

- no brushes required
- shaftless screw
- optional bagging system available

The Baycor Advantage

Simplicity of design and exceptional maintenance free performance are the hallmarks that make Baycor products the premiere choice in wastewater treatment equipment around the world.

Our proprietary technology assures the highest possible return on investment in the efficient separation, processing and remediation of sludge delivering cleaner water into your system.

BF Washer/Compactor

Baycor's BF Washer/Compactor is used for dewatering and volume reduction of screened material and wet solids in wastewater treatment plants and process industries. The entire unit is maintenance-free except for lubrication of the gear box. The screenings compactor consists of the housing, shaftless screw, drive unit, spraywash, inlet hopper, discharge pipe, and control panel unit.

BF Washer/Compactor

Housing:	The housing consists of the coupler, the transport section (perforated U-trough), and the press zone (round pipe).
Press screw:	The screw consists of the drive shaft, coupler and shaftless screw. In the press zone, the screw extends halfway into the compaction screen causing the material to be further compressed against a weighted stop.
Drive unit:	The drive is a flanged-on, direct-driven gear unit, which connects the drive shaft to the auger through a two piece coupler. The gear unit is bolted to the housing. The gear unit supports the spiral and the transported material assists in centering the auger.
Inlet hopper:	The inlet hopper is above the transport area of the housing and bolted to the Compactor trough. The size and shape of the hopper are in accordance with the specific requirements.
Discharge pipe:	The discharge pipe follows the compaction zone and is flanged to the customers' disposal pipe. Compaction allows additional dewatering of the screenings material. The disposal pipe transports the screenings material to the customers' collection system. Length and position of the discharge pipe are in accordance with the specific requirements.
Material:	The entire construction is made of stainless steel except the spiral, which is made of special hardened steel.
Control panel:	The variable frequency drive (VFD) has an onboard adjustable current limiter which detects overloads and shuts down the drive. This fault condition shuts off the drive and sounds system alarms. The unit always operates when the equipment associated with it (i.e., screen, system pump, etc) is started.