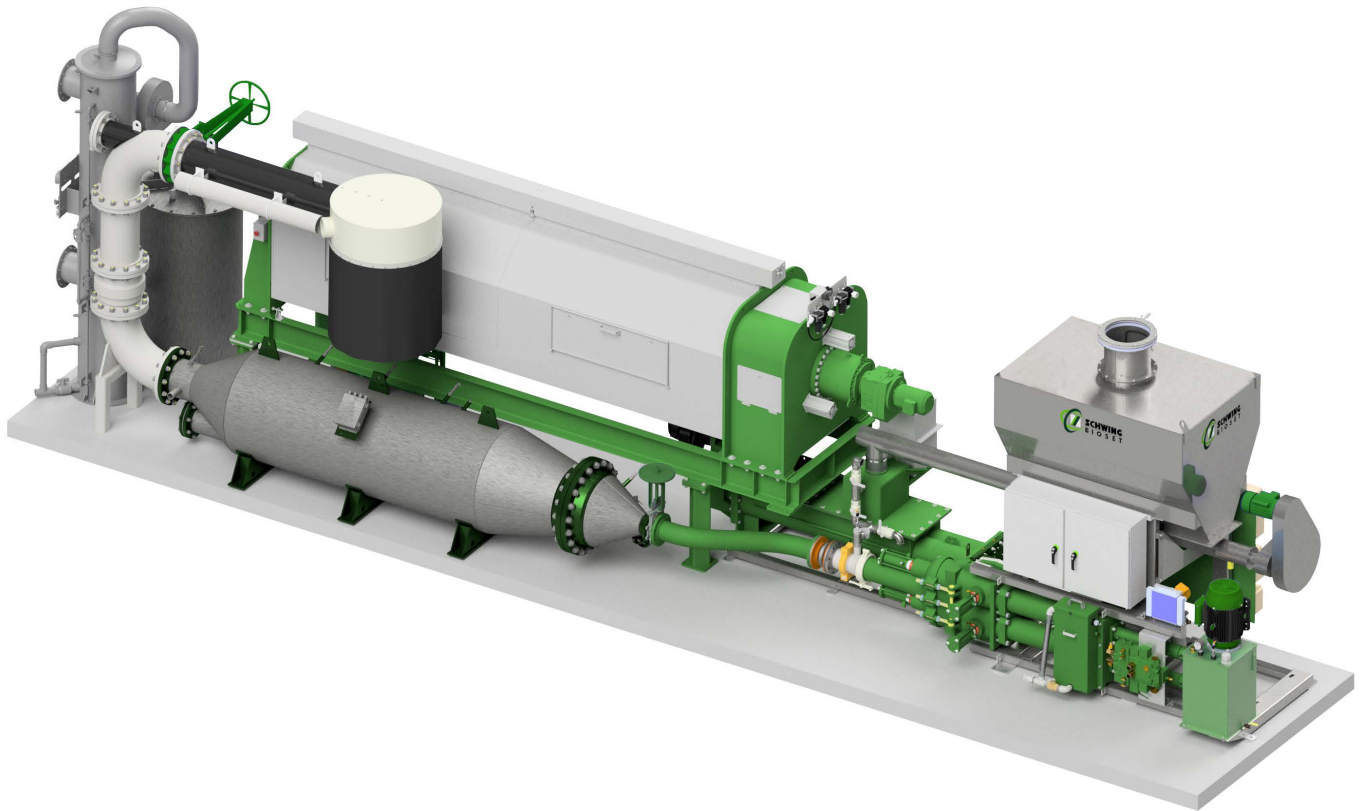


SBI Solutions

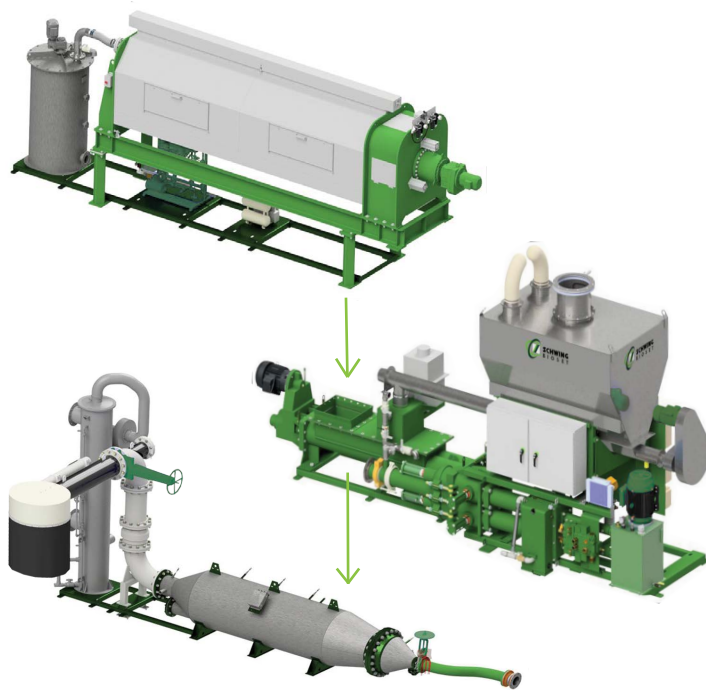
Dewatering | Pumping | Treatment



DW/RP Solution

The Complete Class A or B Solution

The DW/RP Solution provides a complete, cost effective Class A or B solution as a compact, modular unit with minimal set up requirements. The proven reliability of a hydraulically operated piston pump combined with the patented Bioset process is integrated with a high performance dewatering screw press to make this a compact and efficient means to process biosolids without elaborate site coordination issues.



Dewatering Option

The screw press is designed for durability, reliability, ease of operation, and low power consumption.

Compact - Modular - Minimal Setup

- Plug-and-play skidded modules with a small footprint allow for easy retrofits into existing buildings
- Completely enclosed to eliminate fugitive emissions
- Cost effective with low cost of ownership
- Long term Class A or Class B product stability
- Easy to operate with no specialized training or additional staff required
- Easy installation (optionally offered by Schwing Bioset)
- Reliable performance ensures consistent results

DW/RP Solution (With Dewatering)	
General	
Power Consumption	50 kW
Power Supply	480V / 3Ph / 60 Hz
Total Current Draw	80 Amps
Water Supply	38 GPM @ 60-90 psi *
Dewatering	
Biosolids Feed	Municipal WWTP
Allowable Solids Loading (dry # / HR)	500 - 1625 **
Dewatered Cake Solids	15 - 35% **
Dewatered Cake Output (GPM)	5 - 15 **
Class A/B System	
Reactor	Ø3' x 8'
Included Components	
Screw Press, Flocculation Tank, Polymer System, Air Compressor, Piston Pump with Twin Screw Mixer, Lime Day Bin with Metering Screw, Acid Feeder, Reactor, Ammonia Scrubber, Package Controls, Skid	
* Maximum condition at intermittent intervals	
** Specific WWTP processes used will determine performance	



RP Solution

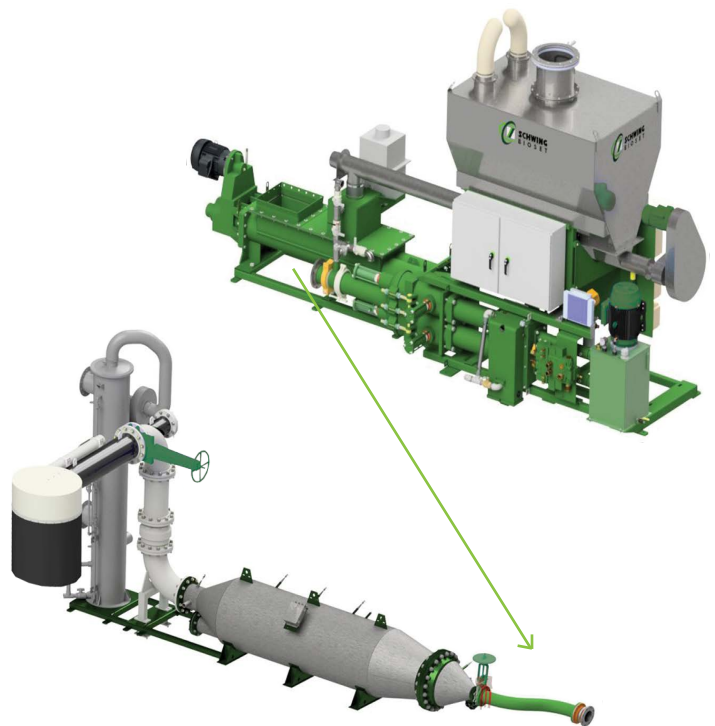
Long Term Class A or B Stability

Already have a dewatering system? No problem – A piston pump can replace your existing conveyors or progressive cavity pumps with a simple skid mounted unit that will greatly stabilize operations, reduce service downtime, and provide the same reliability synonymous with the SBI brand.

Optionally, you can turn your piston pump into the RP Solution and start producing either Class A or B biosolids from your cake. The RP Solution system offers a compact package that includes all of the qualities of a first class SBI product. The RP model was created specifically with a plug-and-play style for ease of retrofit into existing buildings. The unit is cost effective and provides long-term Class A or B product stability. The system is also extremely easy to operate.



RP Solution (No Dewatering)	
General	
Dewatered Cake Feed Rate	7-33 GPM
Power Consumption	45 kW
Power Supply	480V / 3Ph / 60 Hz
Total Current Draw	60 Amps
Water Supply	8 GPM @ 20 psi
Class A/B System	
Reactor	Ø4' x 10'
Included Components	
Pump Scope: Piston Pump, Twin Screw Mixer, Package Controls, Skid	
RP Solution Scope: Piston Pump, Twin Screw Mixer, Lime Day Bin with Metering Screw, Acid Feeder, Reactor, Ammonia Scrubber, Package Controls, Skid	



Schwing BioSet and Biosolids Distribution Services

End Product Solutions

Providing peace of mind one ton at a time.

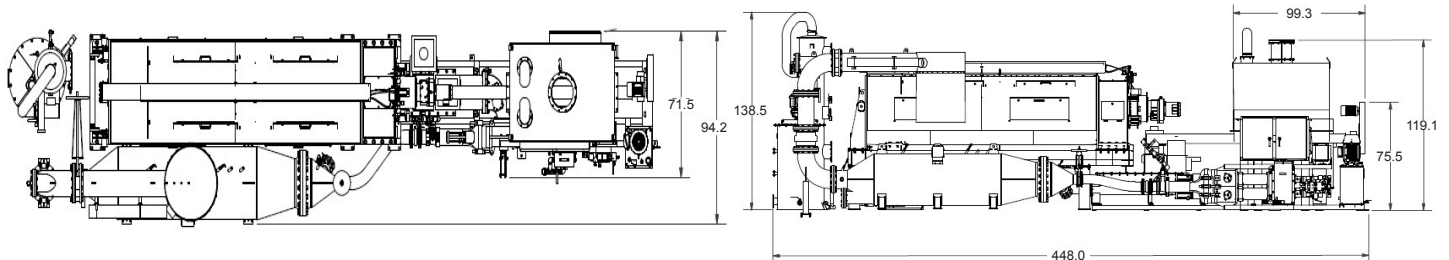
SBI is an international brand with local staff experienced with biosolids handling and upcycling treatment equipment. This ability to provide personalized service on a local level with land applying Class A & B biosolids is of tremendous benefit to municipalities. Teamed with one of the largest service providers in the Southeastern United States, our local partner, Biosolids Distribution Services (BDS), offers hauling, marketing, and land application services for biosolids Producers. As the biosolids generated by the BioSet process are ideally suited for agricultural use, BDS's Agronomists also work with our clients that include sod farmers, citrus growers, ranchers, golf courses, and others. Soils are analyzed through laboratory testing to determine the appropriate application rates to maximize the benefit to the soil and the plant to complete the circular economy. This extensive local experience in taking biosolids to market in an efficient and sustainable fashion ensure our lands are protected for future generations

Thinking beyond simply equipment supply, our solutions are tailored to solve real problems faced by today's biosolids Producers. With this problem solving approach, our solutions include:

- Turnkey equipment packages
- Operations
- Product hauling
- End-use marketing
- Financing

For smaller plants, let us be your solution:

- Weekly/monthly processing services with mobile equipment
- On-call services
- Specialized truck and trailer fleet to haul product to beneficial use locations or to regional processing facilities



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