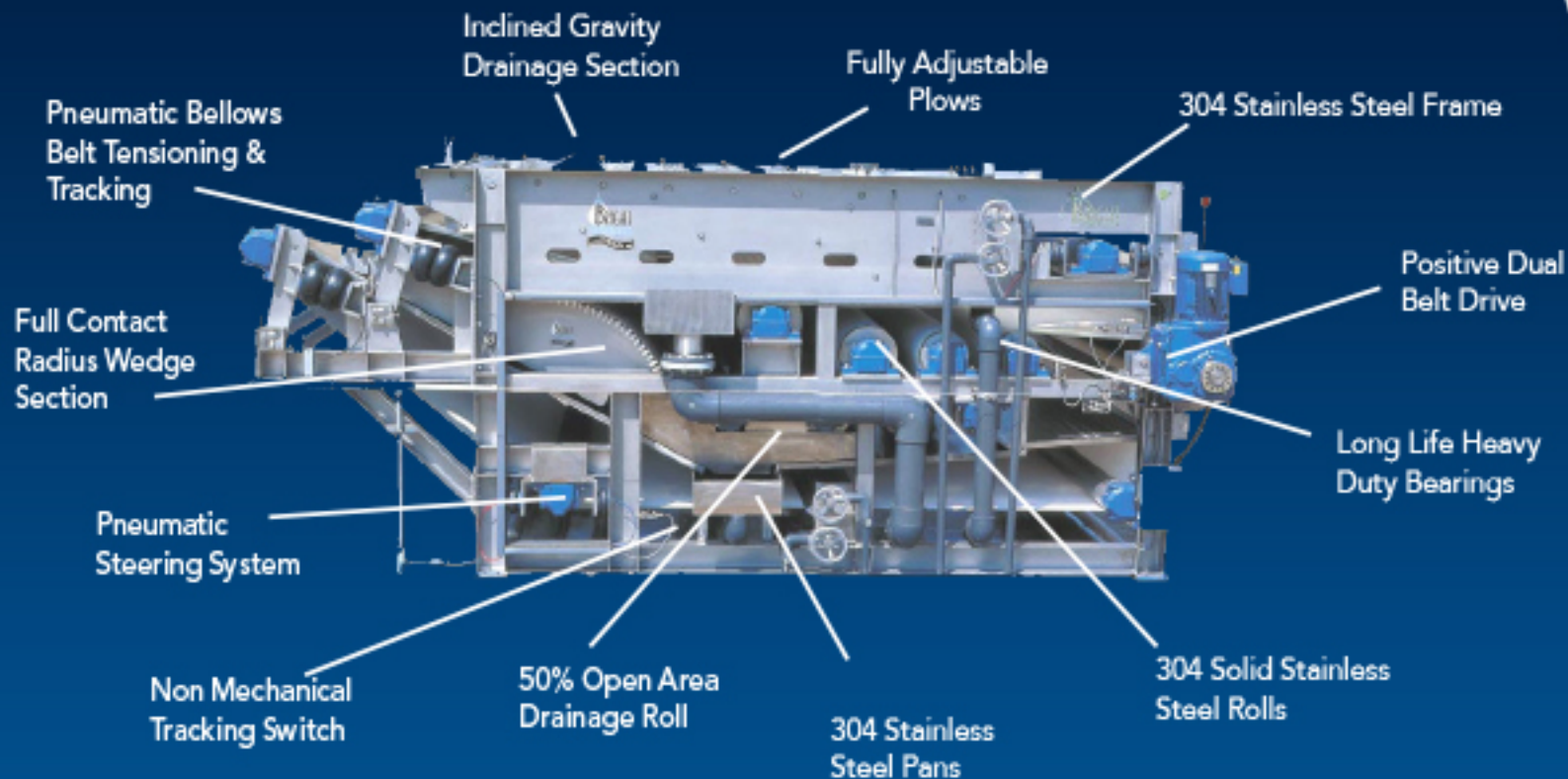


# TAILORED DEWATERING SOLUTIONS

7 Models - Stainless Steel Standard Construction - 3 Year Warranty

127 N. Water St. Hopkins, MI 49328  
800-253-0532  
[www.sebrightproducts.com](http://www.sebrightproducts.com)



# STANDARD FEATURES

## Features and Benefits

**304 Stainless Steel Construction** - Longer service life and lower maintenance cost. No need to touch up surfaces and repair rolls made of carbon steel and then protect with coatings that wear off. 304 stainless steel is used throughout, including frame, pans, fasteners and rolls.

**Efficient and Effective Dewatering Zones** - Each of the dewatering zones on all our belt presses maximize contact time, to work more efficiently within the compact footprint of our presses.

**Gravity Drainage Zone** - Inclined to create a natural sludge pool depth, support wipers every 2 inches to break the free water surface tension, adjustable plows and retention weirs to increase hydraulic loading capacities.

**Wedge Zone** - Radiused and self adjusting for greater contact time under pressure holding the sludge in place, higher solids going into the high pressure section, always adjusted without operator attention for consistently high solids throughout.

**High Pressure Zone** - Eight rolls with descending size and maximum belt wrap to apply proper increasing pressure to the sludge sandwiched between the belts, maintaining belt speed without extruding the sludge through and between the belts, creating high cake solids and solids capture.

**Pneumatic Belt Tensioning & Tracking** - Lower maintenance, cleaner and less costly than hydraulic systems. All actuators are pneumatic bellows that have no cylinder shaft seals and piston seals to leak or wear out. All press mounted sensors are non-mechanical and will not be effected by the environment.

**Postive Dual Belt Drive** - Both belts are positively gear driven for higher cake solids, longer belt life, better belt tracking and more efficient overall operation.

**Single Source Responsibility** - All equipment and systems use the best and most trouble free components field proven for maximum service life and easy operation.

## DEWATERING COMPARISONS

	Twin Belt Filter Press	Dewatering Container	Rotary Vacuum	Recessed Chamber Filter Press	Centrifuge
Economical to Purchase and Operate	Yes	Yes	No	No	No
Cake Solids Pass the Paint Filter Test	Yes	No	Yes	Yes	Yes
Continuous Operation	Yes	No	Yes	No	Yes
Does Not Require Filter Aids	Yes	No	No	No	Yes
Easy to Clean and Maintain	Yes	No	Yes	No	No
Easily Adjustable to Changes in Sludge	Yes	No	No	No	No

## GENERAL SIZING

*The following ratings have been compiled for estimating purposes only and may vary for a specific application*

Sludge Type	0.8 Meter	1.2 Meter	1.7 Meter	1.7 XL Meter	2.2 Meter
Anerobic Digested 2 -- 6% TSS	40- 80 GPM	80-120 GPM	120-180 GPM	150-300 GPM	180-270 GPM
Aerobic Digested 1.5 -- 5% TSS	40- 80 GPM	80-120 GPM	120-180 GPM	150-300 GPM	180-270 GPM
Waste Activated 1 -- 4% TSS	40- 80 GPM	80-120 GPM	120-180 GPM	150-300 GPM	180-270 GPM
Septage 1 -- 6% TSS	40- 80 GPM	80-120 GPM	120-180 GPM	150-300 GPM	180-270 GPM
Grease Trap 2 -- 9% TSS	40- 80 GPM	80-120 GPM	120-180 GPM	150-300 GPM	180-270 GPM