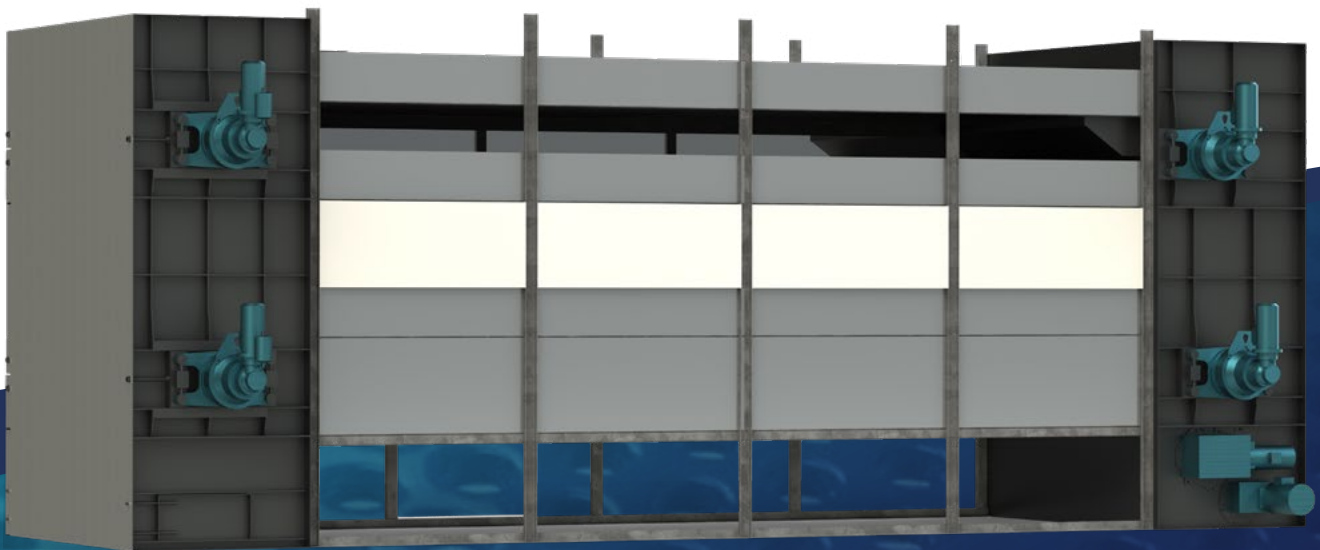




# PLATE BELT DRYER

## WITH DORSET TECHNOLOGY



VOLUME  
REDUCTION



WEIGHT  
REDUCTION



MORE DISPOSAL  
OPTIONS

# PWTECH PLATE BELT DRYER WITH DORSET TECHNOLOGY

Produces >90% Dry Solids; Meets Class A Biosolids Requirements



## USES UP TO 50% LESS POWER THAN OTHER BELT DRYERS

The PWTech plate belt dryer is designed with perforated steel plates instead of a woven belt and operates at 80° C. This significantly lowers air resistance, fan horsepower and system heat loss.

## PWTECH OFFERS SINGLE SOURCE RESPONSIBILITY

- ✓ Can combine with Volute dewatering system or utilize existing dewatering equipment
- ✓ Multiple cake feed options including conveyors, pumps and bunker / storage systems
- ✓ Multiple dried product conveyance and storage options, including conveyors and silo systems
- ✓ Optional biological and chemical odor control systems



## UNIQUE BELT SYSTEM

Unlike other belt dryers, this dryer has a pivoting plate system that allows two product passes per belt, reducing the footprint and capital cost.

The belt's perforated steel plates are offered in stainless steel or galvanized steel and powder-coated for protection against aggressive substances.



## FLEXIBLE ENERGY SOURCE

Because the PWTech Plate Belt Dryer uses a closed loop hot water system, any available heat source can be used to heat the water and the source can be changed in the future with no modifications to the dryer needed. This includes waste heat, natural gas and electricity. Systems can even run on solar power.

## ABOUT US

Process Water Technologies LLC (PWTech) is based in Rosedale, MD. Along with our flagship Volute technology for sludge dewatering and thickening, we supply sludge handling and CSO / SSO products that are simple, effective and easy to maintain.

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Learn more.

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