

WESTECH®



Water and Wastewater Treatment Equipment and Solutions



MUNICIPAL

CHEMICAL & PETROCHEMICAL

ENERGY & POWER

MINING & MINERALS

Engineering Expertise – Customer-Focused Process Solutions

With a half century of engineering and process expertise, coupled with dedication to customers, we provide process solutions for a wide variety of water-treatment applications in municipal, industrial, power, and minerals markets. The equipment and systems we design, build, maintain, and operate create a more sustainable environment for future generations.

Aerators - Water

ATOMERATOR™ Pressurized Aerator
Cascade Aerator
Forced and Induced Draft Aerator

Anaerobic Digestion

Digester Cover - Radial Beam and Truss Support
DuoSphere™ Dual Membrane Gasholder
ExtremeDuty™ Mechanical Sludge Mixer

Biological Treatment

BioDoc™ Rotary Distributor
HydroDoc™ Rotary Distributor
LANDY-7 Slow Speed Surface Aerator
OxyStream™ Oxidation Ditch
PakTOR™ Packed Bed Reactor
Rotary Distributor

Clarification

Adsorption Clarifier® System
Backwash Clarifier
Conventional Clarifier
CONTRAFast® Thickening Clarifier
CONTRAFLO® Solids Contact Clarifier
COP™ Spiral Blade Clarifier
COP™ Suction Header Clarifier
Flocculating Clarifier
Metallurgical Clarifier
RapiSand™ Ballasted Flocculation
Solids CONTACT CLARIFIER™
Suction Header Clarifier
Suction Pipe Clarifier
SuperSettler™ Inclined Plate Clarifier
ZICKERT Shark™ Sludge Removal System

Dewatering

Rotary Vacuum Drum Filter

Dissolved Air Flotation (DAF)

Circular/Rectangular DAF Units
Dissolved Gas Flotation (DGF)

Drives

Cage Drive
Drives With Lift
Dual Drive
Shaft Drive
Replacement, Retrofit, and Rebuild Options

Filtration - Granular Media

CentROL® Gravity Filter
ESSD Washtrough
Gravity Filtration
LAZERFLO® Low-Profile Underdrain
Manganese ANTHRA/SAND™
MULTIBLOCK® Filter Underdrain
MULTICELL® Horizontal Pressure Filter
MULTICRETE™ II Filter Underdrain
MULTIWASH® Filtration Process
MULTIWASH® PRO Trough
Pressure Filters (Vertical and Horizontal)
SuperSand™ Continuous Backwash Filter

Filtration - Specialty

Ion Exchange Softener
SuperDisc™ Disc Filter

Industrial Screening

WTR® Fish Recovery and Return Screen
WTR® Stationary Screen
WTR® Talon Rake® and Bar Screen
WTR® Traveling Water Screen

Membrane Filtration

AltaPac™ Ultrafiltration System
Electrodeionization (EDI) System
Reverse Osmosis System
Ultrafiltration System
VersaFilter™ Open-Platform System

Oil/Water Separation

API Separator
Dissolved Gas Flotation (DGF)
Oil/Water Separator

Package Treatment Systems

AERALATER® Iron and Manganese Removal
AltaPac™ Ultrafiltration Membrane Package
Aquarius® Water Treatment Plant
Trident® HS Water Treatment Plant
Trident® Water Treatment Plant
Tri-Mite® Water Treatment Plant

Tankage

Anchor Channel Tank
Elevated Tank
Field Erection
Shop-Built Tank

Thickening

AltaFlo™ High-Rate Thickener
Conventional Sludge Thickener
Deep Bed™ Paste Thickener
EvenFlo® Feedwell
HiDensity™ Paste Thickener
HiFlo™ High-Rate Thickener
MudMax™ Bed-Level Instrument
TOP™ Thickener Optimization Package

Many of these products are available as mobile/ rental equipment or pilot plants.

Services and Operations

Our commitment to services and operations ensures that you get maximum performance from your plant operations. We provide insightful application and sizing knowledge to provide cost-effective process solutions, including complete engineer-design-procure-build-operate systems. These solutions are available for short-term, cyclical, and ongoing engagements.



Aftermarket Services

- Equipment Refurbishment and Rebuilds
- Field Service
- Maintenance Contracts
- Mechanical Troubleshooting
- Plant Installation Service



Laboratory Services

- Bench Scale Vacuum Filtration
- Jar Testing for BOD, COD, and TOC, TSS, Color, pH, and Turbidity Removal
- Sedimentation Testing for Clarifier and Thickener sizing



Mobile and Rental Solutions

- Ash Pond Dewatering and Closure
- Biological Treatment
- Coal Pile Runoff
- FGD Wastewater Treatment
- Frac Water Treatment
- Heavy Metals Removal
- Mine Water Treatment
- Oil, Grease, and Algae Removal
- Potable Water
- Secondary Clarification



Pilot Plants

- Industrial
- Minerals
- Municipal Water
- Municipal Wastewater



Plant Operations and Services

- Best-Equipment Implementation
- Full-Service Treatment Plant Maintenance
- Makeup Water Treatment Operations
- Plant Construction Oversight
- Process Audits
- Real Time Feedback and Operational Data
- Wastewater Treatment Plant Operations
- Water Treatment Plant Operations



Systems Integration

- Collaborative Delivery
- Design-Build and Design-Build-Operate
- Engineer Procure, Construction, and Construction Management
- Turnkey Solutions

**WESTECH IS
THE SUPERIOR
CHOICE FOR:**

Quality products,
superior customer
service/support

Design-build
and operations
solutions for water
treatment

Customized
solutions
with existing
equipment

Global network
of experienced
engineers and
agents

Founded in 1973, with headquarters in Salt Lake City, Utah, WesTech has over 500 employees.

801.265.1000

info@westech-inc.com

WESTECH®

 SWIRE WATER

westech-inc.com

Salt Lake City, UT

©WesTech Engineering, LLC 2023