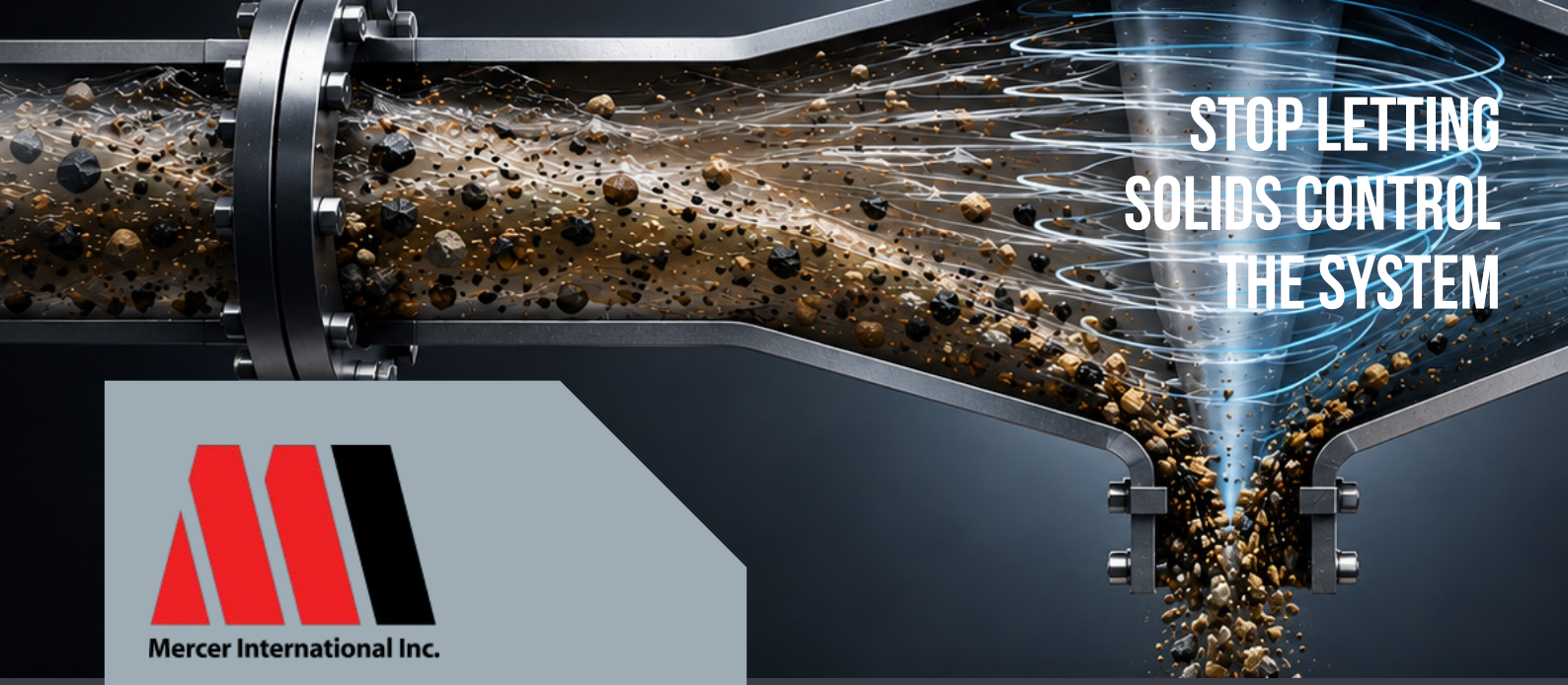


STOP LETTING SOLIDS CONTROL THE SYSTEM

Mercer International Inc.

SPINSCREEN™

SpinScreen™ continuously removes dense abrasive solids upstream before they disrupt downstream treatment performance.

By reducing particulate burden early, operators can improve separator stability, protect equipment, and simplify the overall treatment train.

Remove the burden before it becomes the problem.

SpinScreen™ uses controlled centrifugal separation to continuously isolate dense solids from flowing wastewater streams without screens, consumable media, or moving internal components.

Instead of allowing grit, fines, scale, and abrasive solids to circulate through the treatment system, SpinScreen™ removes them upstream where they are easier to manage.

Condition the stream before forcing the separation.

BETTER SEPARATION STARTS UPSTREAM.

Reduce Abrasive Solids Burden
Continuously removes grit, fines, sand, and dense particulate before downstream treatment.

Protect Downstream Equipment
Helps reduce wear on pumps, nozzles, valves, membranes, and separators.

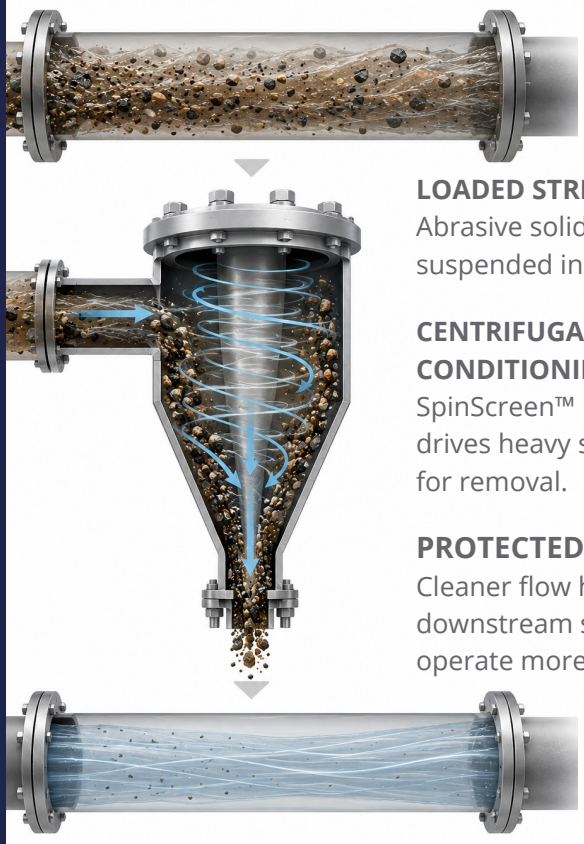
Improve Separator Stability
Reduces solids loading that can interfere with oil-water separation performance.

Lower Maintenance Demand
Can reduce plugging, fouling, sludge accumulation, and cleanout frequency.

Simplify Treatment Trains
Supports more stable downstream operation with less intervention and lower operational burden.

No Consumable Media
Operates without screens, cartridges, or disposable filtration elements.

HEAVY SOLIDS DON'T NEED MORE CHEMISTRY. THEY NEED DIFFERENT PHYSICS.



LOADED STREAM
Abrasive solids remain suspended in the flow.

CENTRIFUGAL CONDITIONING
SpinScreen™ rotational flow drives heavy solids outward for removal.

PROTECTED SYSTEM
Cleaner flow helps downstream systems operate more predictably.

SAME WATER. LESS BURDEN.

Traditional treatment systems often force downstream equipment to process unnecessary abrasive solids load long after those materials should have been removed.

SpinScreen™ reduces that burden upstream using continuous centrifugal conditioning built around simple mechanical physics rather than consumable filtration.

This is not filtration with smaller holes.
It's solids management done earlier.

TRADITIONAL FILTRATIOM	SPINSCREEN™
Screens clog	No consumable media
Media blinds	Continuous solids removal
Cartridges require replacement	Low maintenance operation
Pressure loss increases	Stable hydraulic performance
Maintenance escalates	Physics-driven separation

BUILT FOR DIFFICULT STREAMS

- Produced Water
- Refinery Wastewater
- Industrial Process Water
- Cooling Water Protection
- Desanding Applications
- Tank Bottoms
- Pipeline & Transfer Systems
- Mining & Aggregate Water
- High Solids Wastewater
- Retrofit Treatment Systems

Best applied where abrasive solids, grit, fines, or heavy particulate interfere with stable downstream treatment performance.

CONDITIONING FIRST. EQUIPMENT SECOND.

SpinScreen™ supports the CRACK It™ stage of Mercer's Integrated Treatment Ecosystem™ by reducing solids burden before downstream separation and polishing occur.

Mercer integrates SpinScreen™ alongside:

- **Gravity Separation**
- **Nanobubbles**
- **Chemical Conditioning**
- **Flotation**
- **Filtration**
- **Dewatering Systems**

The objective is simple:
Remove the burden upstream so everything downstream performs better.

TEST FOR FREE

SEND SAMPLE

We Test for FREE and Guarantee.

Every wastewater stream behaves differently. That's why Mercer validates solids behavior, separation response, conditioning effectiveness, and downstream performance against your actual process stream before full deployment.

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Mercer International Inc.