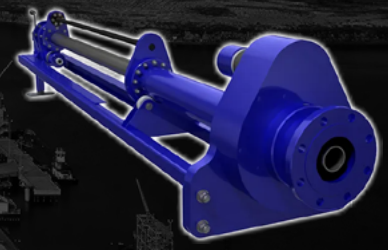




AUTOMATED CLEANING SOLUTIONS

# The Cyclone™ Technical Specifications

## High-Flow Circulation Tank Sweep for Industrial Cleaning



No confined space entry required. The Cyclone™ performs full tank circulation without sending personnel into hazardous tanks.

The ACS Cyclone™ is a fully electric, explosion-proof high-flow circulation tank sweep designed for midstream and downstream industrial tank cleaning. Available in two models, the Cyclone (1,500GPM) and Cyclone XL (6,000GPM), it delivers up to 100 feet of high-velocity laminar flow injection to suspend heavy solids, blend cutter stock, and homogenize tank contents for efficient pump-out.

### THE CYCLONE ADVANTAGE

- 01 FULLY AUTOMATED CIRCULATION**  
Configurable sweep patterns ensure full tank coverage on every run. Consistent, repeatable, and operable from a remote station.
- 03 ALL-ELECTRIC. NO HYDRAULICS.**  
Runs off a standard 120~240VAC circuit. No hoses, no fluid changes, no hydraulic leaks. Less downtime between jobs and lower total cost of ownership.

- 02 100 FEET OF INJECTION REACH**  
High-velocity laminar flow penetrates up to 100 feet, suspending heavy solids and homogenizing contents across the tank.
- 04 DEAD ZONE ELIMINATION**  
180° pan and 90° tilt reaches corners, edges, and buildup zones that fixed nozzles miss. Direct flow precisely to where solids accumulate for faster, more complete cleanout.

### TECHNICAL SPECIFICATIONS

Power Supply	120~240VAC, 50/60 Hz, single-phase
Max Flow Rate	4 in line @ 1,500 GPM 6 in line @ 6,000 GPM
Max Working Pressure	150 PSI
Material Construction	300-series stainless steel, chemical resistant polyurethane coating
Flow Injection	Laminar flow, up to 100 ft injection reach
Mobility	180° pan / 90° tilt
Control	All-electric remote control
Mounting Options	4 in or 6 in, Class 150 flange
Software Integration	Overseer 3D™ and Overseer Mobile™

### HAZARDOUS LOCATION CERTIFICATIONS

**NORTH AMERICA — NEC / CEC**  
**Class I, Div 1** — Groups A, B, C & D  
**Class II, Div 1** — Groups E, F & G

**INTERNATIONAL — ATEX / IECEx**  
**Zone 0/20** Compliant  
 Gas Group IIA / IIB / IIC  
 Dust Groups IIIA / IIIB / IIIC  
 EPL: Ga/Da

### POWERED BY OVERSEER 3D™ - BUILT ON UNREAL ENGINE

#### Plan the Job. Automate the Sweep. Scale the Coverage.

Overseer 3D™ creates a digital twin of your tank before the job starts: defining entry points, circulation zones, and sweep patterns matched to the tank geometry. Operate via joystick or run fully automated circulation routines from a PC. Coordinate multiple Cyclones simultaneously for complete coverage of large-volume assets.

Overseer Mobile™ allows full control on your smartphone or tablet.

### APPLICATION AREAS

Bitumen Processing Tanks  
 Bunker Tanks  
 Coker / Resid Tanks  
 Crude Oil Storage Tanks  
 De-Oil Tanks  
 Diluent Tanks

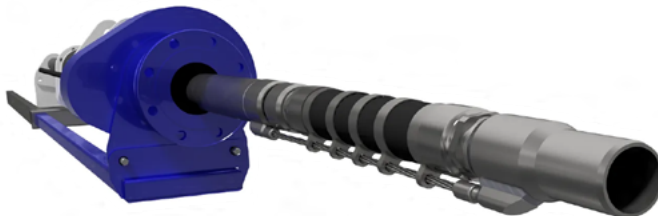
Dilbit Tanks  
 Fuel Tanks  
 Produced Water Tanks  
 Slop Tanks  
 Separation Tanks  
 Skim Tanks

### ACS ROBOTIC TOOL FAMILY

**The Cyclone™**  
 High-flow circulation & solids suspension

**The Eliminator™**  
 High-impact debulking & sludge breakdown

**The Orbiter™**  
 Rotational cleaning for vessels & railcars



**Technical Inquiries**  
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 +1-587-330-4033

**Full technical specifications:**  
[www.automated.cleaning/the-cyclone](http://www.automated.cleaning/the-cyclone)

