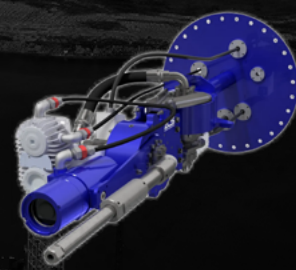




AUTOMATED CLEANING SOLUTIONS

The Eliminator™ Technical Specifications

High-Impact Washdown Cannon for No-Man Entry Tank Cleaning



No confined space entry required. Use the Eliminator™ to blast and breaks down hardened sludge entirely from outside the tank.

The ACS Eliminator™ is a fully electric, explosion-proof high-impact washdown cannon engineered for the most demanding industrial tank cleaning applications. At 250 lbs, a fraction of the weight of hydraulic competitors, it can be transported by a pickup truck, mounts to virtually any platform, and delivers up to 5,000 PSI of concentrated blasting power to break hardened sludge into pumpable slurry.

THE WEIGHT DIFFERENCE

THE ELIMINATOR™

250 lbs

(100% electric. No HPU. No seacan.)

HYDRAULIC COMPETITOR TOOL

600-1,200 lbs

(Tool only, before support equipment)

COMPETITOR HPU / COMMAND CENTER

10,000+ lbs

(Hydraulic power unit plus seacan required on-site)

THE ELIMINATOR ADVANTAGE

01 DEPLOY ANYWHERE. MOUNT ON ANYTHING.

Mounts to manways, scaffolding, zoom booms, and custom brackets. One operator can position and run it from virtually any entry point with no hydraulic infrastructure.

02 HIGH-PRESSURE OR HIGH-FLOW.

Four interchangeable nozzles let you switch from concentrated high-pressure debulking to high-flow washdown. No other washdown cannon offers this capability on a single unit.

03 SEE EVERYTHING IN REAL-TIME

Integrated 21x optical zoom HD camera and 5,000K LED lighting gives full visuals from outside the tank, enabling live monitoring and capturing footage for QA and reporting.

04 ALL-ELECTRIC. NO HYDRAULICS.

Runs off a standard 120~240VAC circuit with lag-free motion and precise controls hydraulic systems cannot match. No hoses, no hydraulic power unit, no environmental mess.

TECHNICAL SPECIFICATIONS

Power Supply	120~240VAC, 50/60 Hz, single-phase
Max Working Pressure	Up to 5,000 PSI
Nozzle Options	1/4", 3/8", 1/2", 5/8" (interchangeable)
Material Construction	300-series stainless steel, chemical resistant polyurethane coating
Camera System	21x optical zoom HD camera
Lighting System	High-intensity LED, 5,000K bright white
Angular Speed	0.1°/s to 10°/s
Mobility	Dual-axis platform with 180° range of motion
Control	All-electric remote control
Mounting Options	Manways, scaffolding, zoom booms, custom brackets
Weight	250 lbs / 113.4 kg (without stem and flange)
Dimensions (LxWxH)	55 in x 22 in x 16 in 1.397 m x 0.559 m x 0.406 m
Software Integration	Overseer 3D™ and Overseer Mobile™

HAZARDOUS LOCATION CERTIFICATIONS

NORTH AMERICA – NEC / CEC

Class I, Div 1 – Groups A, B, C & D
without camera & light

Class I, Div 1 – Groups C & D
with camera & light

Class II, Div 1 – Groups E, F & G

INTERNATIONAL – ATEX / IECEx

Zone 0/20 Compliant
without camera & light

Zone 1/21 Compliant
with camera & light

Gas Group IIA / IIB / IIC
Dust Groups IIIA / IIIB / IIIC
EPL: Ga/Da

POWERED BY OVERSEER 3D™ - BUILT ON UNREAL ENGINE

Plan the Job. See Inside. Own the Data.

Overseer 3D™ renders a photo-realistic digital twin of your tank, streaming live camera footage from inside the tank directly into the 3D environment. Pre-plan debris zones and entry points before the jobs starts, then operate via joystick or automated cleaning patterns. Capture footage for QA, client reporting, and job documentation.

Overseer Mobile™ brings full manual and automated controls, as well as live camera feed to any smartphone or tablet.

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-eliminator

