



Providing  
**Monster Solutions**  
to the World  
[www.jwce.com](http://www.jwce.com)







# Who **we** are

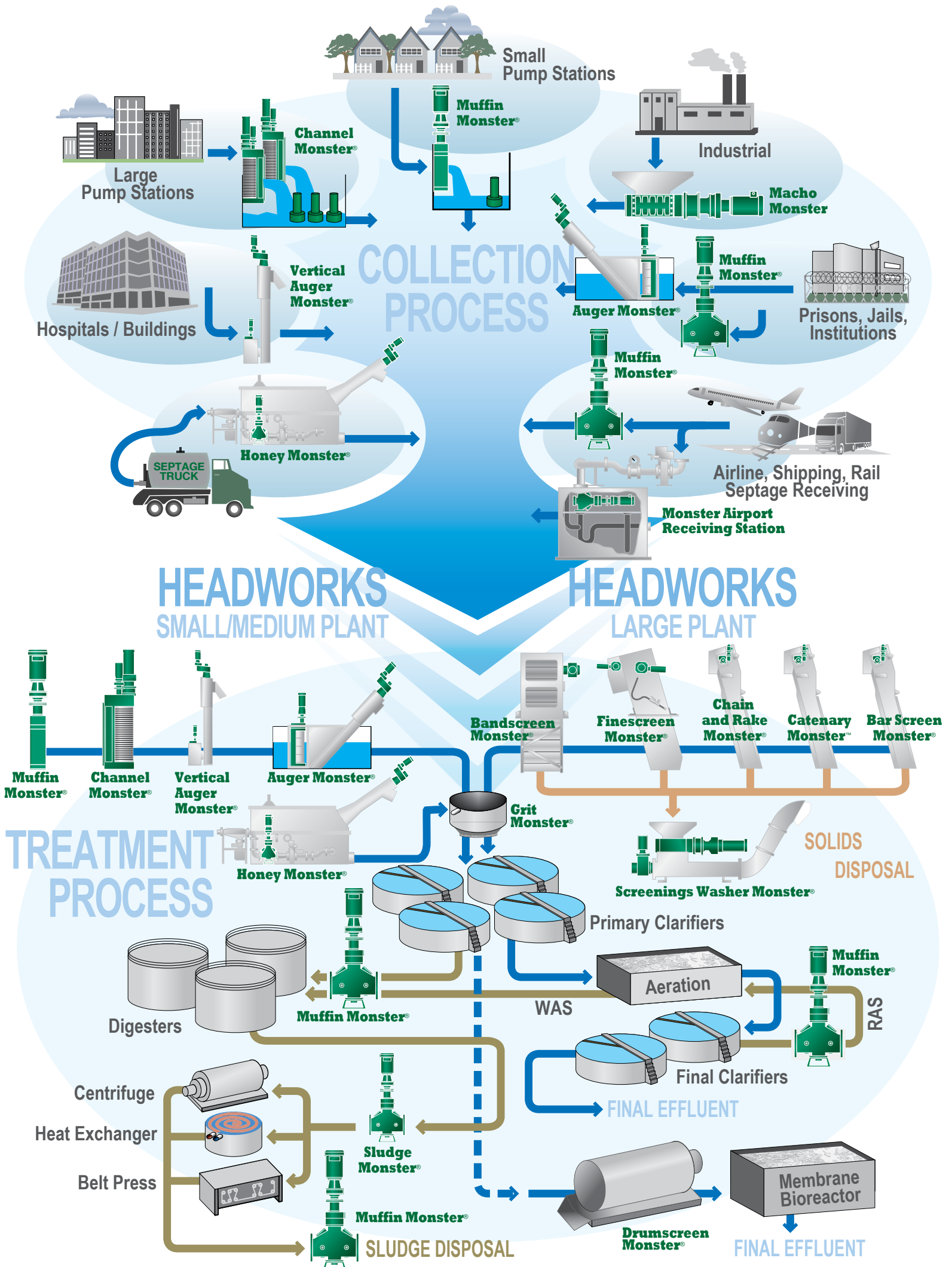
JWC Environmental designs, manufactures and services innovative solids reduction and removal solutions for customers around the world. The Muffin Monster® is the industry gold standard for grinding technology and reliability for 40 years and counting.

**EXPERIENCE** – Since inventing the Muffin Monster dual-shafted grinder in 1973 we've shipped over 35,000 Monsters. Today, we manufacture over 200 different types of Monsters at our factories in Santa Ana, California; Buford, Georgia; Cheshire, England and Hangzhou, China.

**INNOVATION** – We've received over 70 patents for product innovation. Each year we improve our Monster solutions by listening to customers and inventing new systems to solve challenging applications. JWC Environmental is the only four-time winner of the Water Environment Federation's (WEF) Innovative Technology of the Year Award. Those awards include: Auger Monster® (1997); Screenings Washer Monster® (2001); Honey Monster® (2003) and Monster Separation Systems® (2006).

**TEAM JWCE IS HERE FOR YOU** – Our tradition of quality and caring for the customer goes back generations. JWCE's employees around the world provide the know-how and energy to deliver breakthrough solids processing technologies with exceptional quality and a desire to exceed your expectations.

*Muffin Monster  
Model 30005*





# Municipal

JWC Environmental grinders, screens and engineered solutions are used in big cities and small towns. From Alaska to Antarctica, Hawaii to Siberia, more cities rely on Monsters to grind up, screen out or clean-up solids so their sewer system and treatment plants run more efficiently. Monsters are built to stand up to just about anything coming down the pipeline and provide long-term protection for pumps and systems.



## Pump Stations

Lift stations are uniquely vulnerable to wastewater debris. That's why many utilities install Muffin Monster or Channel Monster grinders to protect pumps from damage and blockage. Our Monsters ensure pumps remain functioning.



## Headworks

Operate a cleaner, more efficient inlet works. There is a Monster solution for every type and size of wastewater treatment plant. From the affordable Auger Monster screen (for small and medium sized plants) to the larger Monster Separation System, combining high-flow fine screens with the amazing cleaning power of the Screenings Washer Monster.



## Sludge


The Sludge Monster, Mini Monster, Muffin Monster and Macho Monster, ensure your sludge process works at maximum efficiency. These Monsters shred rags and large solids into particles that easily pass through sludge pumps, spiral heat exchangers, belt presses and centrifuges. Monsters also homogenize sludge for efficient dewatering.



## Receiving

We offer several highly engineered systems for septage, grease and food waste receiving. The Honey Monster is an automated, full service receiving system that screens, compacts and dewateres debris contained in the waste stream prior to flow entering the treatment plant.





**“We haven’t had to pull the pump once since the Muffin Monster® installation.** It paid for itself in less than a year, and we are very pleased all around.”

**Don Milliken**  
Facilities Manager  
Woodland Hills Youth Development Center  
Nashville, TN

***Photo: Channel Monster***



# Institutional/Correctional

Win the war on vandalism. Destroy contraband before it can be retrieved from on-site treatment. Muffin Monster high torque low speed cutters turn problem solids into particles that harmlessly flow through pumps and pipes. When paired with an Auger Monster, these solids are effectively removed, dewatered and compacted for easy disposal. Whatever the challenge - hermetically sealed contraband, syringes, rags, cleaning wipes, plastics, towels, even denim jeans and blankets - we have a Monster solution.



## Correctional Facilities And Jails

Put an end to clogged pumps, paying for pumper trucks or facing municipal fines and sanctions – simply add a Monster or two to your sewage system. Correctional sites can benefit from our 40 years of experience designing wastewater screens for challenging prison applications. The Auger Monster screen is perfect for institutions since it can handle long stringy material, such as towels and undergarments, as well as remove the trash that ends up in prison wastewater. The Auger Monster is consistently specified by Federal, State and Local correctional agencies.



## Hospitals


From hospitals to nursing homes, Muffin Monster sewage grinders can be installed almost anywhere. Muffin Monsters safely and reliably shred items flushed down the toilet into small particles which flow easily through pumps and pipelines. This can eliminate costly and messy pump blockages from occurring.



## Airports

The Monster Airport Receiving Station is built around the legendary Muffin Monster® sewage grinder. The ARS is a complete, self-contained, below grade and automated station that allows for simple, clean and efficient disposal of airplane lavatory sewage. Solids in the flow are reduced as they pass through the grinder, then are discharged into the local sewer system.





**“We had plenty of problems with large-sized debris plugging piping, pumps, and other equipment** prior to the installation of the Muffin Monsters. One unit has been in-line for over nine years, a second for more than seven. They do exactly what they are supposed to do, without breakdowns. It’s a very durable piece of equipment, and cutter replacement can be performed within a single shift.”

**Chris Hazen**  
Manager of Operations  
Bayer

**Photo: Macho Monster**



# Products - Grinders and Auger Screens

## Sludge Monster<sup>®</sup> 10000

In-line Grinder

Applications:

- Sludge



## Mini Monster<sup>®</sup> 20000

In-line Grinder

Applications:

- Sludge
- Buildings
- Sewers
- Scum



## Mini Monster<sup>®</sup> 20002

Channel Grinder

Applications:

- Buildings
- Sewers



## Muffin Monster<sup>®</sup> 30004T

In-line Grinder

Applications:

- Sludge
- Sewage
- Correctional
- Institutional
- Scum



## Muffin Monster<sup>®</sup> 30005

Channel Grinder

Applications:

- Pump Stations
- Sewage
- Screenings
- Inlet works



## Macho Monster<sup>®</sup> 40000

In-line Grinder

Applications:

- Sludge
- Correctional
- Institutional
- Sewage
- Scum



## Macho Monster<sup>®</sup> 40000

In-line Grinder

Applications:

- Headworks
- Correctional
- Institutional



## Macho Monster<sup>®</sup> 70000

Hopper Fed Grinder

Applications:

- Screenings
- Pump Stations
- Sewage
- Inlet Works



## Channel Monster<sup>®</sup>

Double Drum  
High-Flow Channel  
Grinder

Applications:

- Pump Stations
- Headworks
- Inlet Works



## Channel Monster<sup>®</sup>

Single Drum  
Channel Grinder

Applications:

- Pump Stations
- Headworks
- Inlet Works
- Correctional
- Institutional



## Auger Monster<sup>®</sup>

Modular Screen  
System

Applications:

- Headworks
- Correctional
- Institutional



## Vertical Auger Monster<sup>®</sup>

Vertical Screening  
System

Applications:

- Pump Stations
- Headworks
- Correctional
- Institutional





# Products - Monster Separation Systems

## Catenary Monster®

Heavy Duty Raked Screen

Applications:

- Headworks
- Pump Stations
- CSO



## Bar Screen Monster®

Reciprocating Rake Bar Screen

Applications:

- Headworks
- Pump Stations



## Bandscreen Monster®

Center Flow Fine Screen

Applications:

- Headworks
- MBR
- Pump Stations



## Finescreen Monster®

High-Flow Fine Screen

Applications:

- Headworks
- Pump Stations



## Chain & Rake Monster®

Bar Screen

Applications:

- Pump Stations
- Headworks



## Drumscreen Monster®

Pumped-Flow Fine Screen

Applications:

- MBR
- Wastewater



## Storm Monster®

Overflow Screen

Applications:

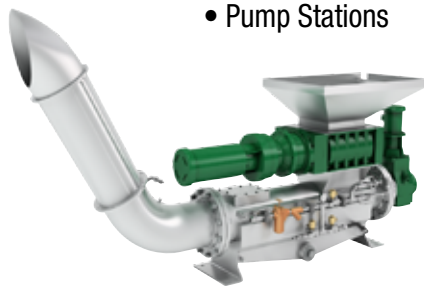
- CSO



## Screenings Washer Monster®

Washer Compactor - Applications:

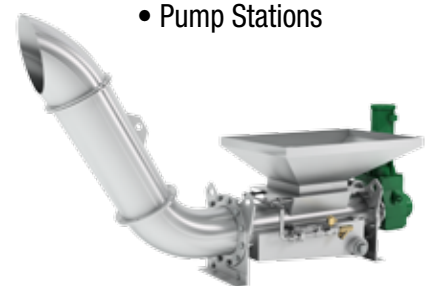
- Headworks
- Pump Stations



## Screenings Compactor Monster®

Compactor - Applications:

- Headworks
- Pump Stations

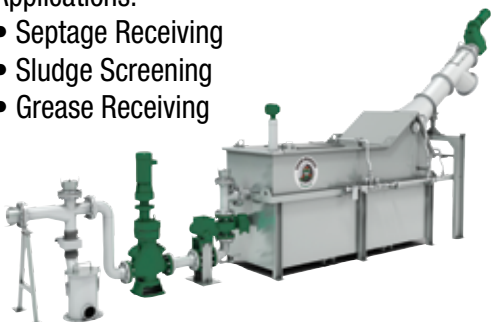


## Honey Monster®

Septage Receiving System

Applications:

- Septage Receiving
- Sludge Screening
- Grease Receiving



## Grit Monster®

Grit Removal

Applications:

- Headworks



## Monster Airport Receiving Station

Applications:

- Airports
- Train Stations
- Truck Stops
- RV Parks







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©2013 JWC Environmental LLC. JWCE's Santa Ana and Costa Mesa California facilities are registered by UL to ISO9001:2008 #10001313 QM8. JWC International Congleton, UK is registered by QAS to ISO9001:2008 File #A13056. U.S. patents apply: 5,320,286; 5,333,801; 5,354,004; 5,478,020; 5,505,388; 5,593,100; 6,176,443; 6,332,984; 7,073,433; 7,080,650; 7,081,171; 7,086,405; 7,383,842; 7,771,589; 7,854,850 RE37,550E; RE37,349E; RE40,422; RE39,948E. Additional patents pending and international patents also apply.  
(JWCE-13-EN)



**JWC**  
Environmental®  
Trust Monster Quality™